

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
 Data File : BF128715.D
 Acq On : 07 Jun 2022 14:50
 Operator : CG\JU
 Sample : N3209-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-4-GR

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128715.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.469	363	371	380	rVB2	667185	1023318	11.96%	0.441%
2	4.957	445	454	457	rBV2	863882	1671902	19.55%	0.721%
3	5.034	463	467	471	rBV	1761706	1958477	22.90%	0.845%
4	5.234	495	501	504	rBV2	1700988	1935933	22.64%	0.835%
5	5.475	538	542	546	rVV	1883442	1956719	22.88%	0.844%
6	5.592	559	562	567	rVV3	1174431	1801117	21.06%	0.777%
7	5.640	567	570	573	rVV	1744526	1539501	18.00%	0.664%
8	5.681	573	577	580	rVV	1236033	1442287	16.86%	0.622%
9	5.851	599	606	609	rVB4	1639351	2544160	29.75%	1.097%
10	5.898	609	614	616	rBV2	1018365	1441588	16.86%	0.622%
11	5.981	625	628	632	rVB2	2307016	2936433	34.33%	1.266%
12	6.028	632	636	639	rBV	996874	1273906	14.89%	0.549%
13	6.081	641	645	651	rVV2	3251844	4562736	53.35%	1.968%
14	6.134	651	654	656	rVV	2488772	2231081	26.09%	0.962%
15	6.169	656	660	662	rVV3	612750	847115	9.90%	0.365%
16	6.269	671	677	680	rBV	2444710	3133341	36.64%	1.351%
17	6.363	689	693	701	rBV4	2680698	4690699	54.84%	2.023%
18	6.445	701	707	710	rBV5	645680	1159629	13.56%	0.500%
19	6.492	710	715	719	rVB4	2021526	3376187	39.47%	1.456%
20	6.575	724	729	733	rBV5	1969971	3828248	44.76%	1.651%
21	6.610	733	735	741	rVB2	1607741	1925310	22.51%	0.830%
22	6.687	741	748	751	rBV4	1236338	2176990	25.45%	0.939%
23	6.769	755	762	763	rBV3	762737	1339952	15.67%	0.578%
24	6.798	764	767	768	rVV4	729285	830936	9.72%	0.358%
25	6.822	768	771	773	rVV3	995721	1546411	18.08%	0.667%
26	6.845	773	775	779	rVB	2608871	2371891	27.73%	1.023%
27	6.892	779	783	785	rBV2	1087489	1295505	15.15%	0.559%
28	6.928	785	789	790	rBV2	960422	1134842	13.27%	0.489%
29	6.951	790	793	795	rVV	968822	1095628	12.81%	0.472%
30	6.981	795	798	802	rVV	3275040	3416415	39.94%	1.473%
31	7.016	802	804	806	rVB	1009970	810181	9.47%	0.349%
32	7.063	809	812	814	rBV2	1112568	1229673	14.38%	0.530%
33	7.104	814	819	823	rVB3	1969569	3114244	36.41%	1.343%
34	7.181	828	832	834	rBV3	872283	1026545	12.00%	0.443%
35	7.228	834	840	843	rBV3	2094350	2594716	30.34%	1.119%
36	7.257	843	845	851	rVB4	989500	1206653	14.11%	0.520%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.369	857	864	867	rBV3	3393121	6192932	72.41%	2.671%
38	7.410	869	871	874	rVV2	1379420	1244822	14.55%	0.537%
39	7.475	878	882	886	rVB4	2415903	3898125	45.58%	1.681%
40	7.528	886	891	897	rBV4	1321362	3601221	42.11%	1.553%
41	7.592	898	902	903	rBV2	596349	797305	9.32%	0.344%
42	7.610	903	905	908	rVV2	1564276	2078355	24.30%	0.896%
43	7.639	908	910	913	rVB2	2128651	2135347	24.97%	0.921%
44	7.722	920	924	925	rBV2	1356034	1537553	17.98%	0.663%
45	7.739	925	927	929	rVV	2196805	2170457	25.38%	0.936%
46	7.763	929	931	934	rVB3	2754148	2320672	27.13%	1.001%
47	7.857	944	947	949	rBV2	957582	995208	11.64%	0.429%
48	7.939	957	961	965	rBV4	1513413	1948293	22.78%	0.840%
49	7.986	966	969	973	rVV3	1359174	1948243	22.78%	0.840%
50	8.063	979	982	983	rVV2	987782	1113315	13.02%	0.480%
51	8.110	986	990	995	rVV6	2211747	4662899	54.52%	2.011%
52	8.192	998	1004	1005	rVV2	3716177	5587938	65.33%	2.410%
53	8.210	1005	1007	1010	rVB3	1316498	1158853	13.55%	0.500%
54	8.275	1015	1018	1020	rBV4	1081885	1401964	16.39%	0.605%
55	8.328	1024	1027	1030	rVB2	1589794	1689251	19.75%	0.728%
56	8.416	1034	1042	1045	rBV6	3141449	5502094	64.33%	2.373%
57	8.475	1049	1052	1054	rBV3	786418	799487	9.35%	0.345%
58	8.504	1055	1057	1060	rVB4	1417992	1508627	17.64%	0.651%
59	8.557	1060	1066	1070	rBV2	5418647	8552805	100.00%	3.688%
60	8.633	1076	1079	1081	rVB2	1301752	1093835	12.79%	0.472%
61	8.669	1081	1085	1087	rBV3	2049721	2517166	29.43%	1.086%
62	8.716	1091	1093	1097	rBV5	837352	1186293	13.87%	0.512%
63	8.816	1106	1110	1113	rVB3	3373696	4279770	50.04%	1.846%
64	8.875	1117	1120	1122	rVB3	1162569	1028445	12.02%	0.444%
65	8.904	1122	1125	1131	rBV6	1222746	2752907	32.19%	1.187%
66	9.004	1139	1142	1144	rBV4	1109938	1324918	15.49%	0.571%
67	9.033	1144	1147	1151	rVB3	2281661	2601824	30.42%	1.122%
68	9.157	1163	1168	1171	rVV	5763940	6229361	72.83%	2.686%
69	9.198	1172	1175	1177	rVB	2226798	1772047	20.72%	0.764%
70	9.292	1186	1191	1194	rBV4	1918241	3072160	35.92%	1.325%
71	9.328	1195	1197	1200	rBV4	749298	880830	10.30%	0.380%
72	9.404	1207	1210	1213	rVB4	1226284	1309334	15.31%	0.565%
73	9.475	1219	1222	1224	rVB	1878562	1553185	18.16%	0.670%
74	9.516	1227	1229	1231	rVV3	937114	955776	11.18%	0.412%
75	9.545	1231	1234	1236	rVV	2383897	2665086	31.16%	1.149%
76	9.569	1236	1238	1240	rVV2	1994496	1897958	22.19%	0.819%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
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77	9.610	1240	1245	1248	rVV2	5778329	7473563	87.38%	3.223%
78	9.663	1251	1254	1256	rBV	1027364	822084	9.61%	0.355%
79	9.751	1266	1269	1272	rVV2	1328349	1680606	19.65%	0.725%
80	9.792	1273	1276	1279	rVB2	1735215	2004019	23.43%	0.864%
81	9.880	1284	1291	1293	rBV5	1373246	2808907	32.84%	1.211%
82	9.922	1296	1298	1300	rBV	1018761	791255	9.25%	0.341%
83	9.992	1307	1310	1314	rVB2	1694258	1943611	22.72%	0.838%
84	10.028	1314	1316	1320	rBV3	849785	1373306	16.06%	0.592%
85	10.080	1322	1325	1329	rVV3	2394299	3236475	37.84%	1.396%
86	10.133	1331	1334	1342	rVB4	2194111	4122036	48.20%	1.778%
87	10.204	1343	1346	1348	rBV2	1931714	1981996	23.17%	0.855%
88	10.233	1348	1351	1352	rVV	1059393	971577	11.36%	0.419%
89	10.251	1352	1354	1357	rVB2	1112763	1152756	13.48%	0.497%
90	10.292	1357	1361	1366	rBV5	1756726	2604989	30.46%	1.123%
91	10.427	1381	1384	1386	rBV2	1062972	1160859	13.57%	0.501%
92	10.539	1399	1403	1406	rVB	4651937	5012440	58.61%	2.162%
93	10.675	1424	1426	1429	rBV3	1061843	922403	10.78%	0.398%
94	10.810	1443	1449	1452	rBV	6353354	8530417	99.74%	3.679%
95	11.010	1480	1483	1486	rVB2	1025562	1121948	13.12%	0.484%
96	11.269	1523	1527	1533	rVB	4278697	4934529	57.69%	2.128%
97	11.374	1542	1545	1547	rBV2	945932	1073639	12.55%	0.463%
98	11.616	1583	1586	1589	rVB	1445212	1372841	16.05%	0.592%
99	12.345	1708	1710	1715	rVB	782115	877292	10.26%	0.378%
100	12.951	1809	1813	1816	rVB	1574285	1471408	17.20%	0.635%

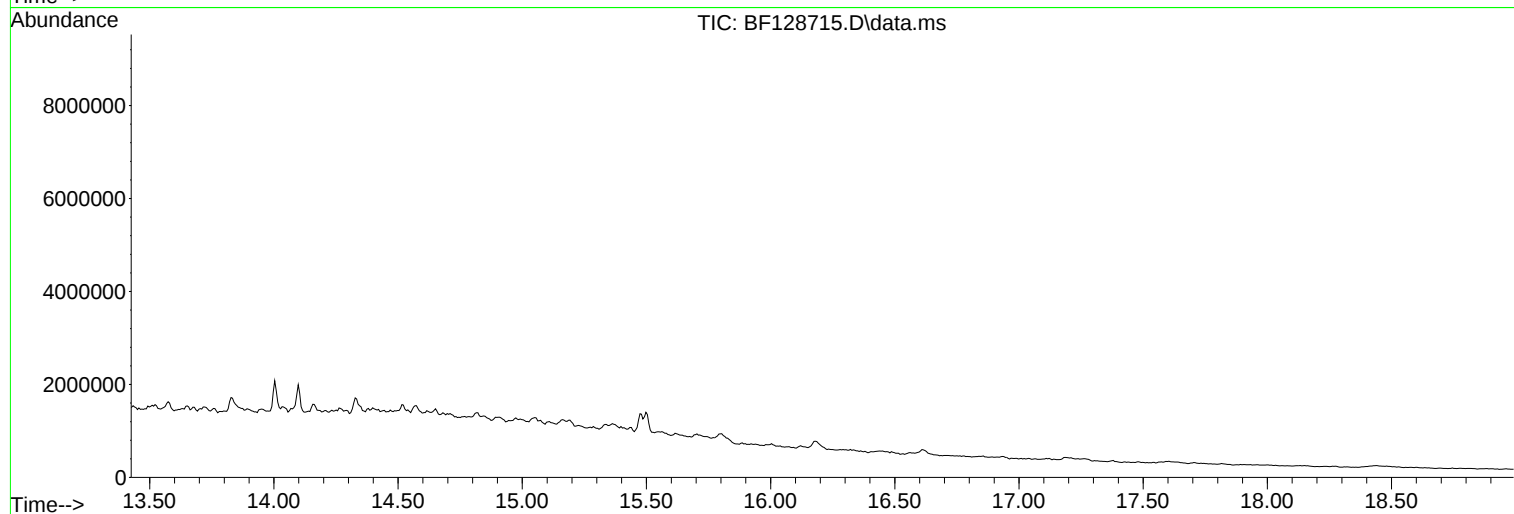
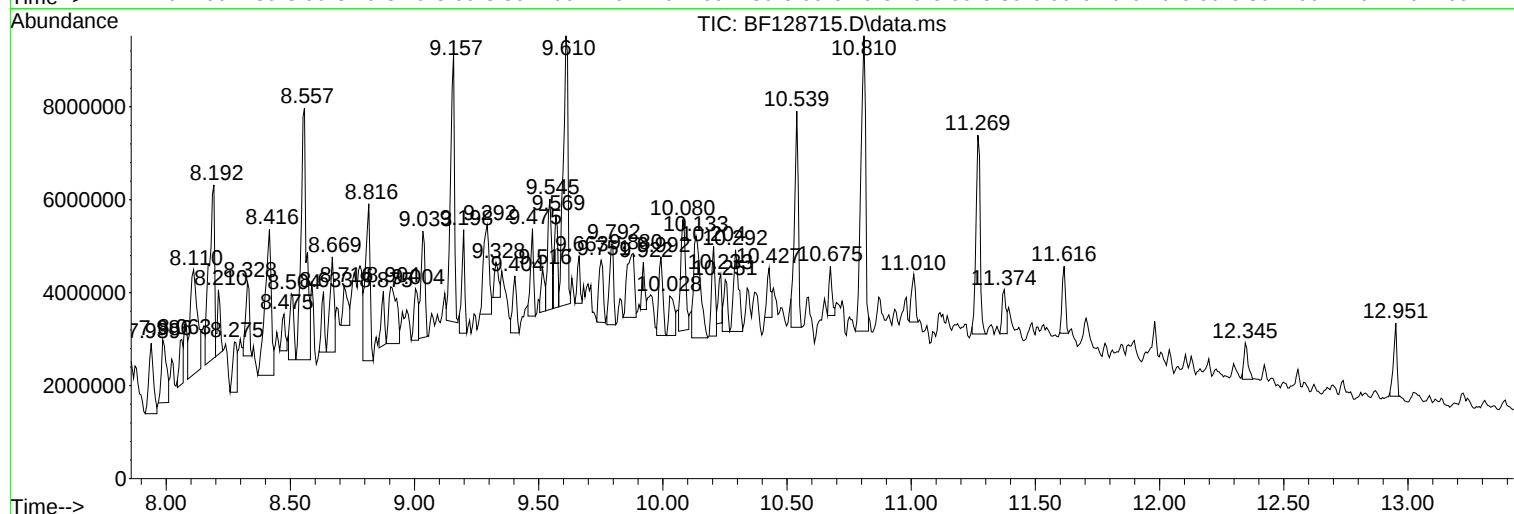
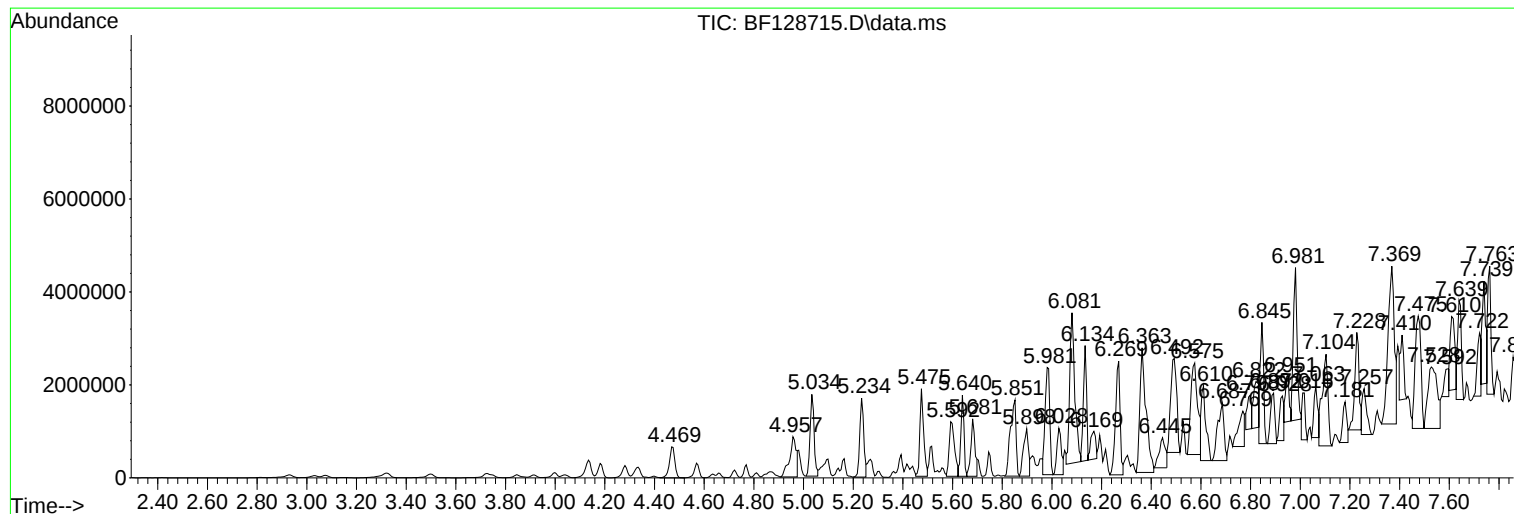
Sum of corrected areas: 231881886

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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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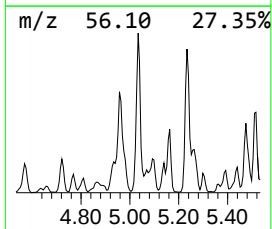
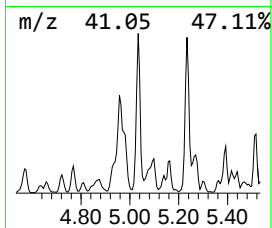
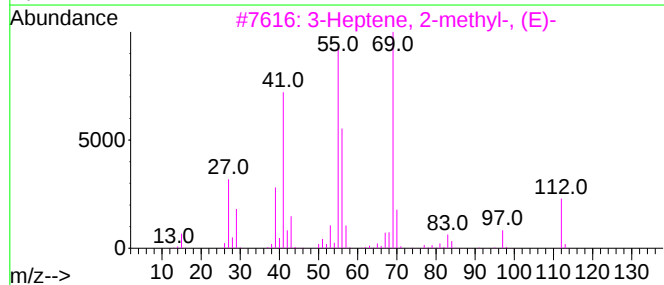
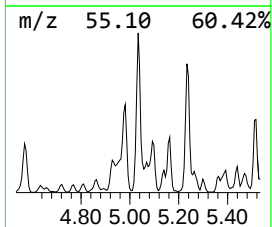
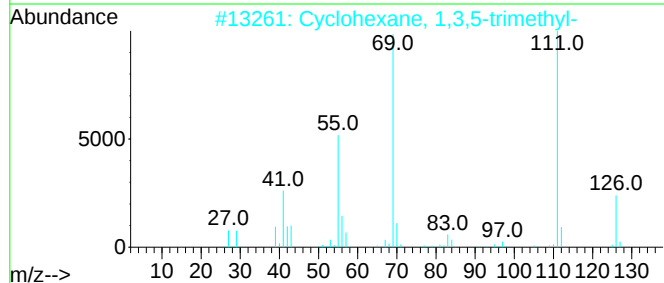
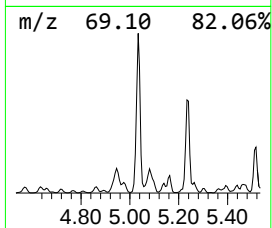
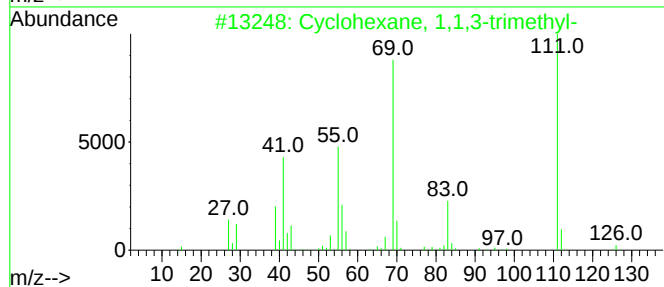
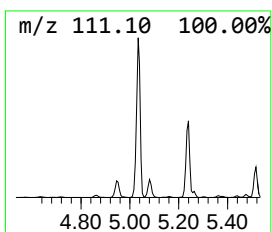
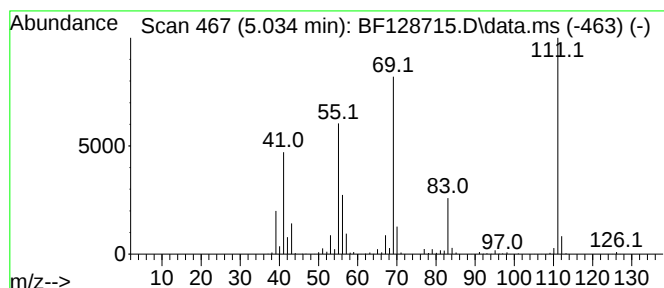
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.034	25.33 ng	1958480	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
3			3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	49
4			3-Heptene, 2-methyl-	112	C8H16	017618-76-7	46
5			2-Methyl-2-heptene	112	C8H16	000627-97-4	43



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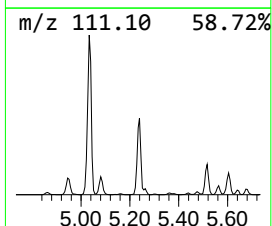
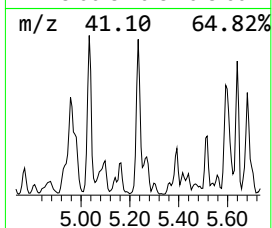
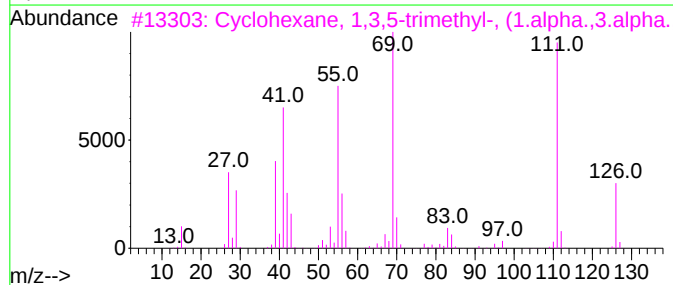
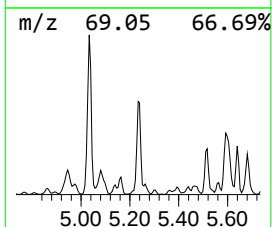
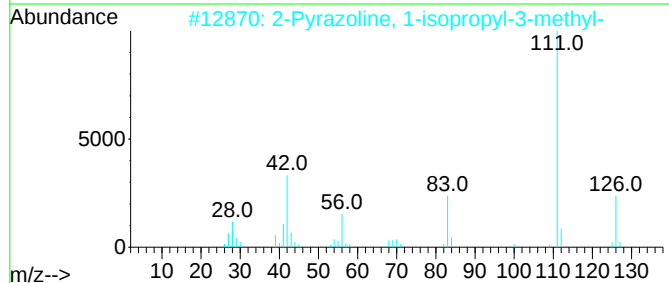
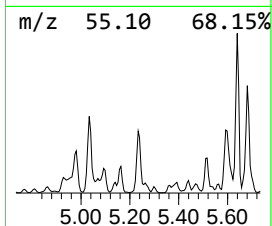
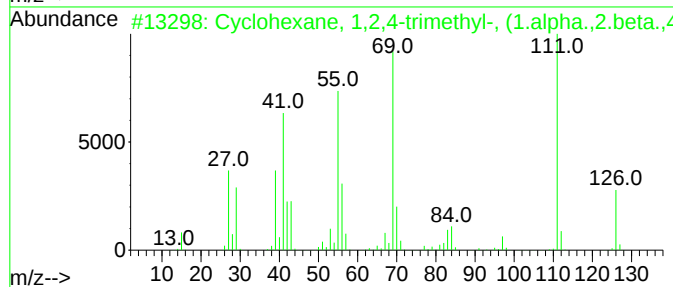
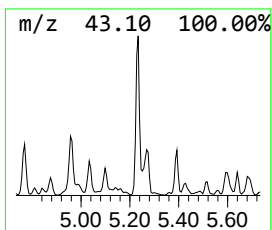
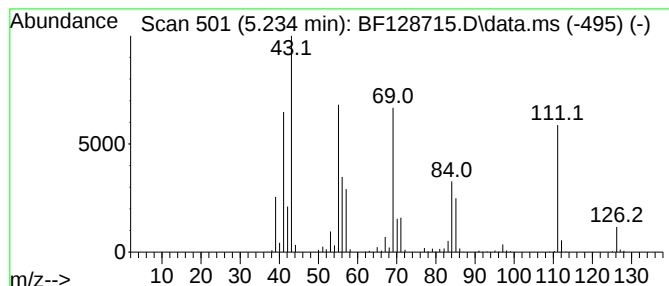
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.234 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.234	25.04 ng	1935930	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	49
2			2-Pyrazoline, 1-isopropyl-3-methyl-	126	C7H14N2	022581-48-2	46
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	43
4			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	35
5			3-Octen-2-one	126	C8H14O	001669-44-9	30



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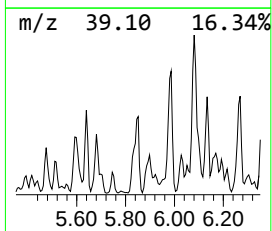
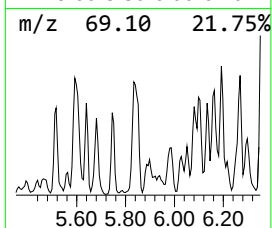
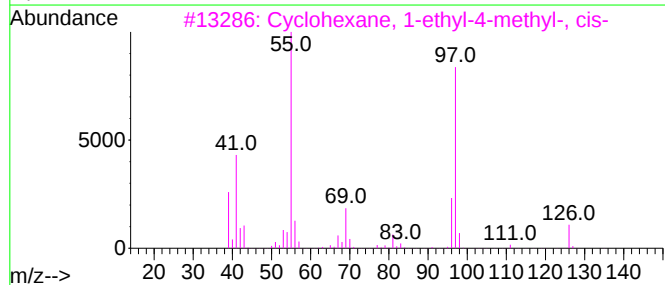
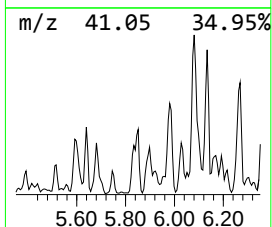
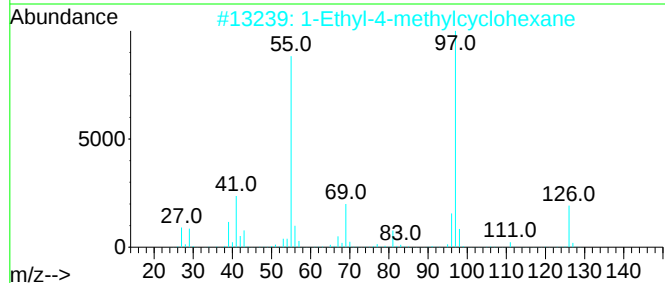
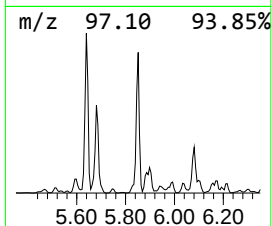
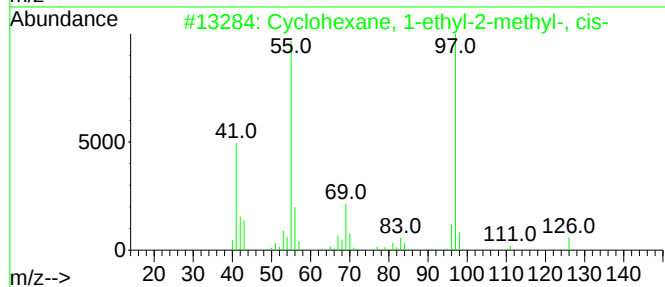
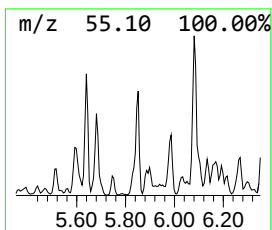
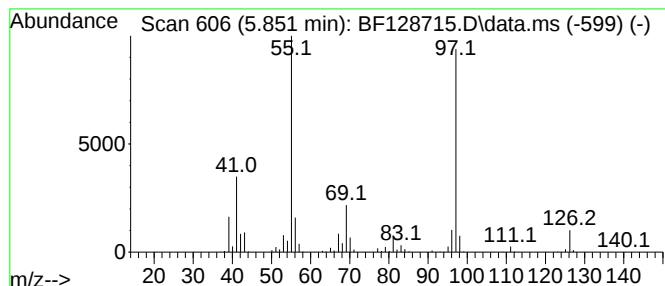
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.851	32.90 ng	2544160	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	91
2			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	90
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
4			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	83
5			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128715.D
Acq On : 07 Jun 2022 14:50
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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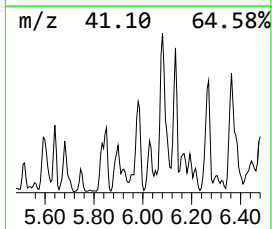
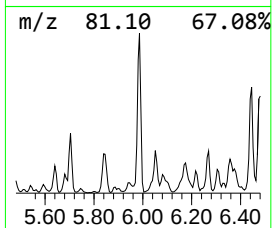
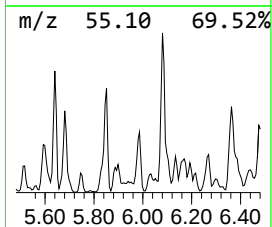
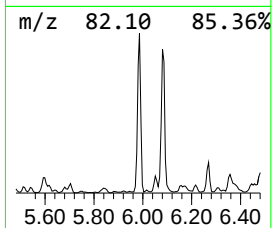
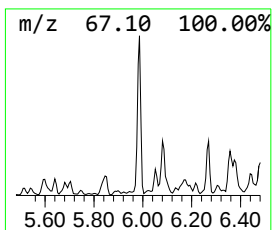
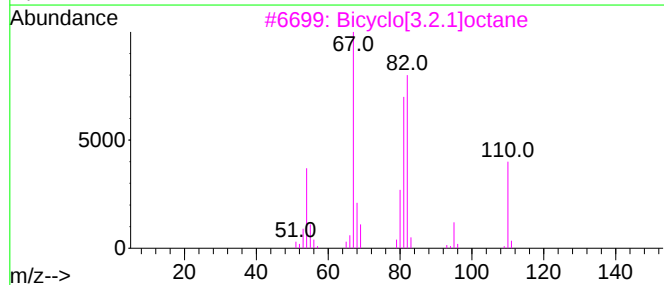
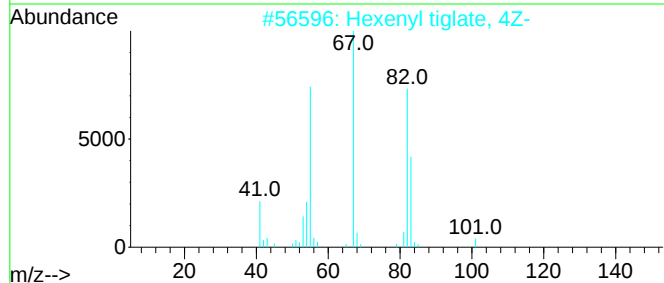
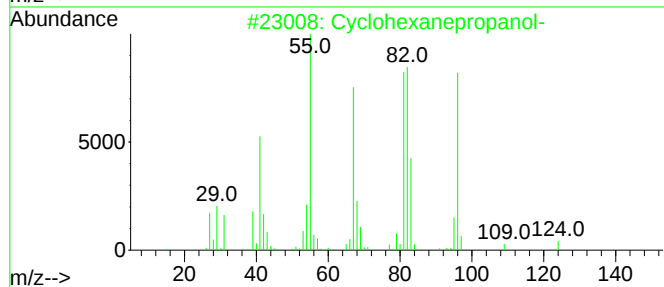
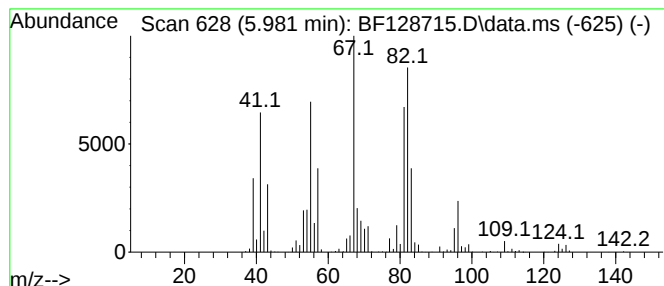
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexanepropanol- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.981	37.98 ng	2936430	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanepropanol-	142	C9H18O	001124-63-6	72
2			Hexenyl tiglate, 4Z-	182	C11H18O2	1000383-63-6	64
3			Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	53
4			Methallylcyclohexane	138	C10H18	003990-93-0	47
5			2-Cyclohexen-1-one, 4,4-dimethyl-	124	C8H12O	001073-13-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128715.D
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Operator : CG\JU
Sample : N3209-04
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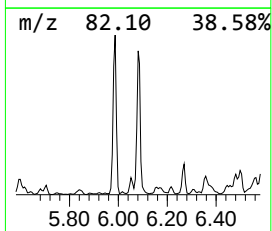
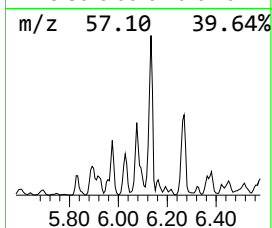
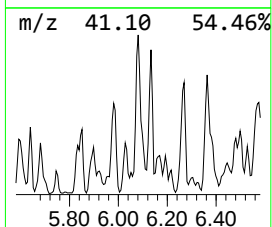
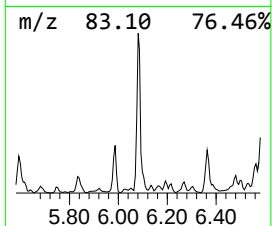
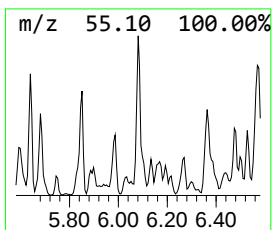
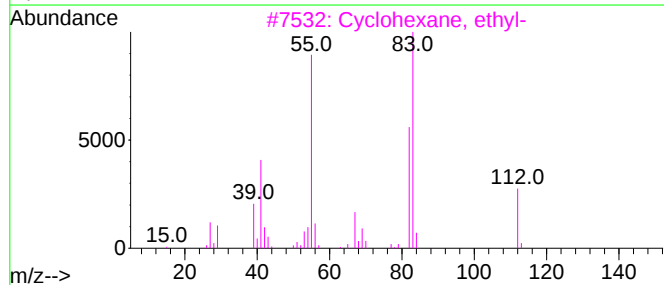
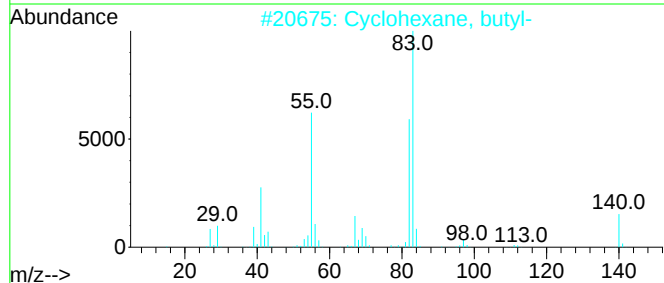
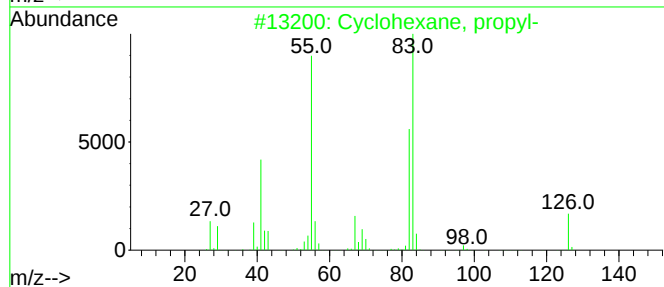
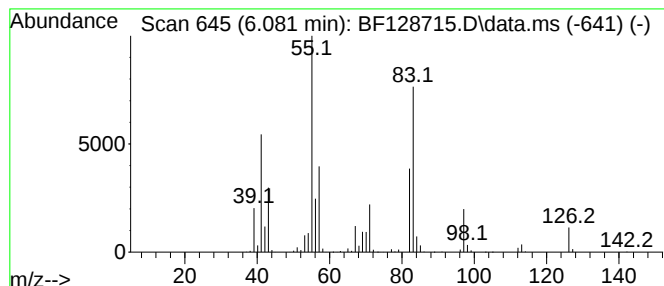
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexane, propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.081	59.01 ng	4562740	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	62
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	53
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	50
4			3-Ethyl-4-methyl-2-pentene	112	C8H16	019780-68-8	47
5			2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128715.D
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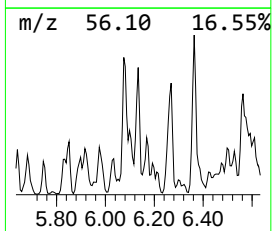
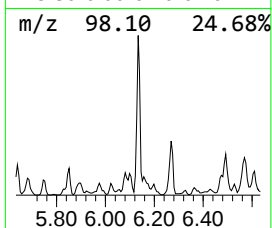
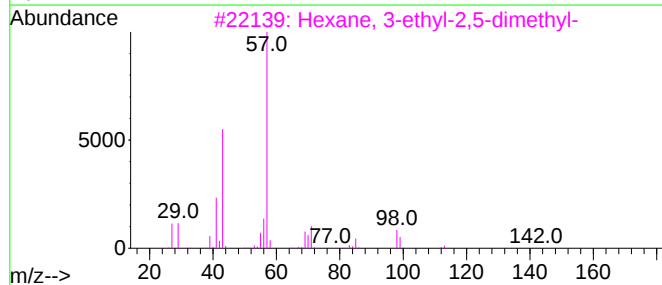
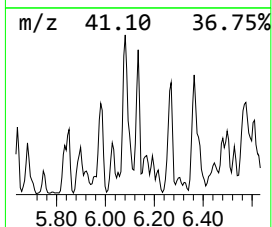
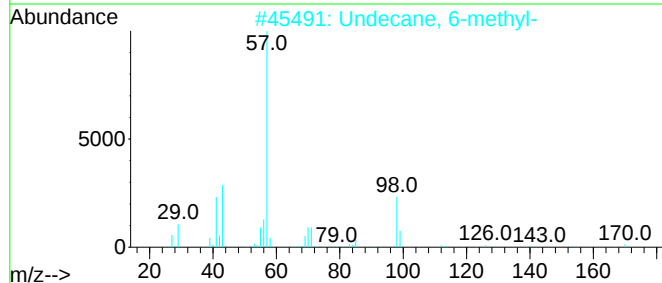
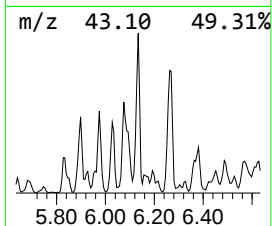
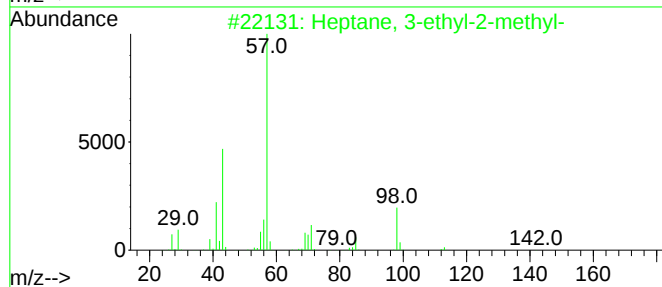
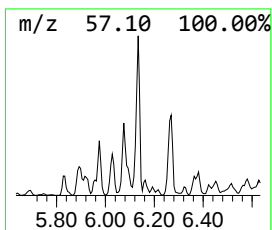
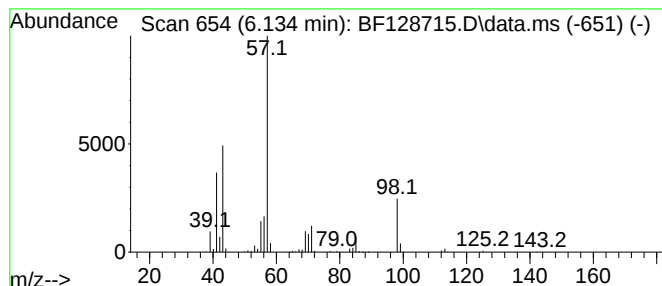
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptane, 3-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.134	28.86 ng	2231080	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2			Undecane, 6-methyl-	170	C12H26	017302-33-9	72
3			Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	68
4			Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	64
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	53



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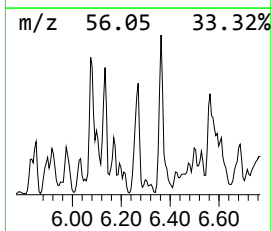
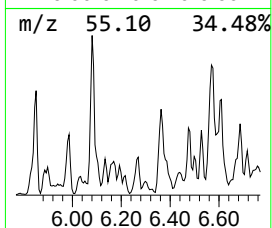
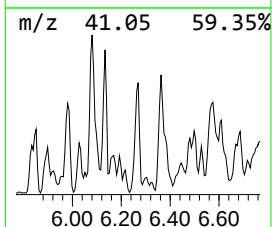
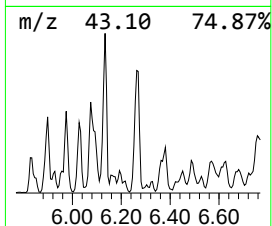
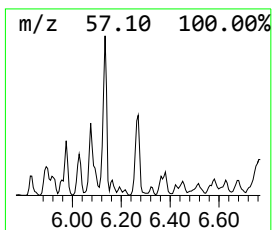
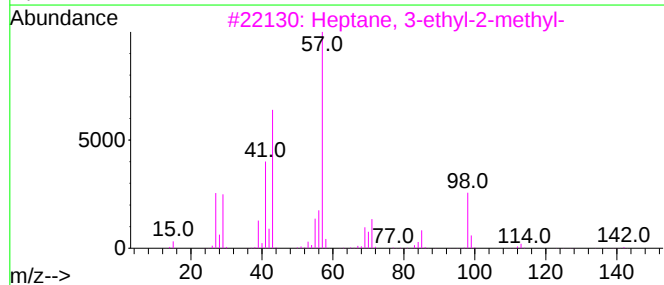
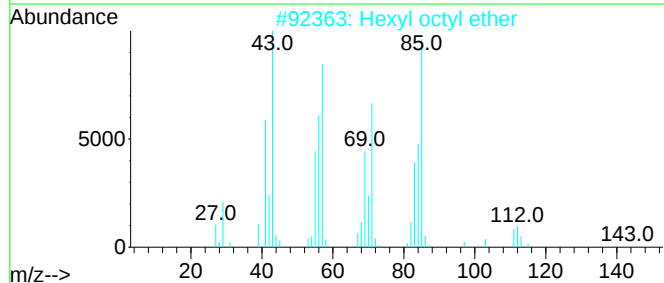
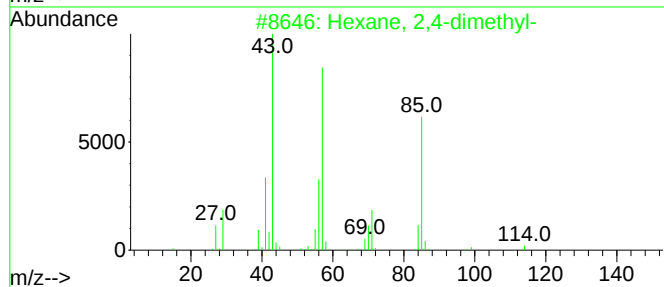
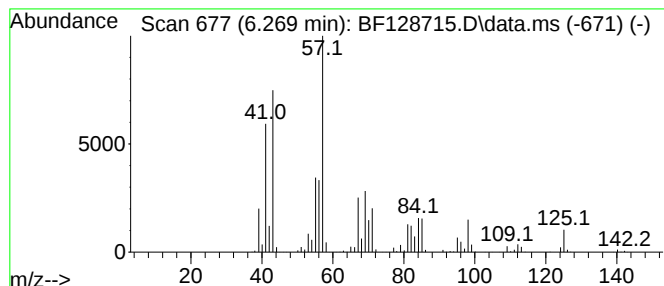
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown6.269 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.269	40.52 ng	3133340	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
2			Hexyl octyl ether	214	C14H30O	017071-54-4	38
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	38
4			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	35
5			3-Heptene, (E)-	98	C7H14	014686-14-7	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128715.D
Acq On : 07 Jun 2022 14:50
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Misc :
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Instrument :
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WC-14B-4-GR

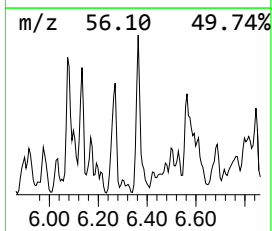
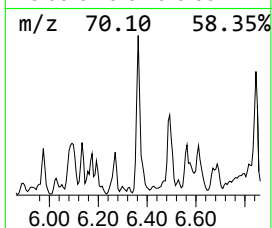
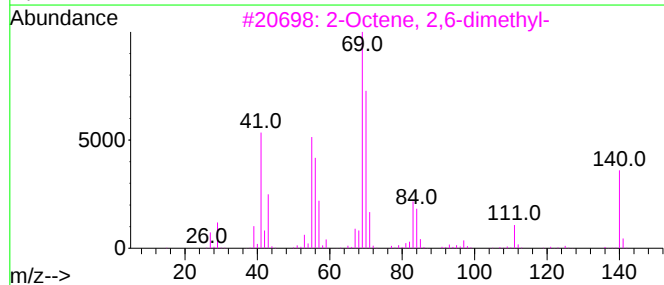
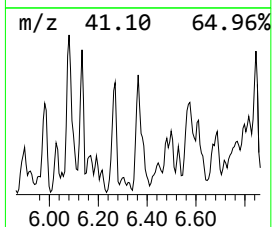
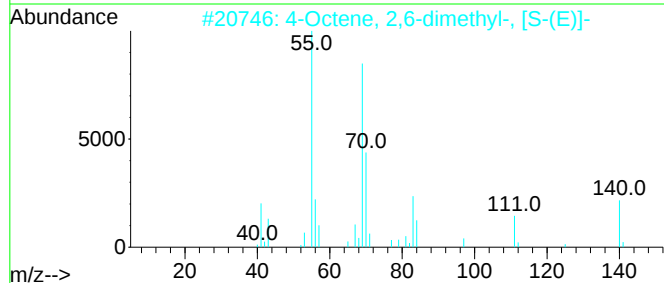
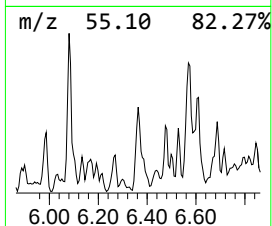
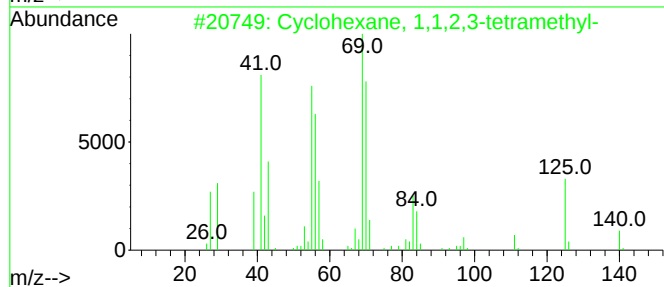
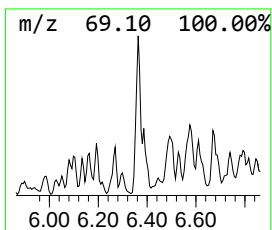
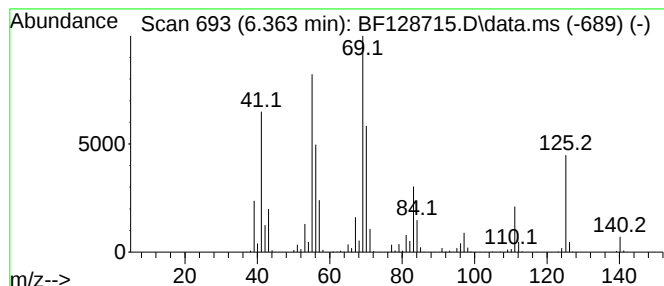
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.363	60.67 ng	4690700	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	93
2			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	76
3			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64
4			4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	52
5			Diphosphoric acid, diisooctyl ester	402	C16H36O7P2	072101-07-6	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
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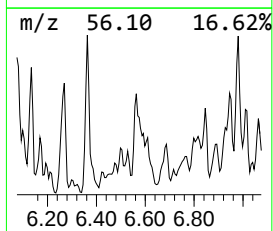
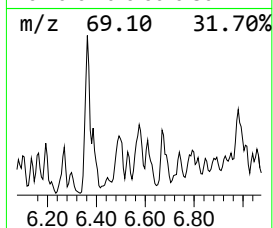
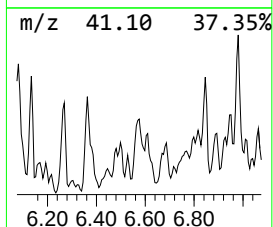
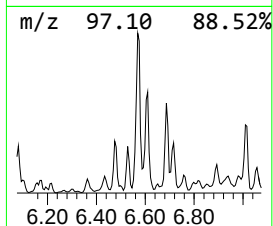
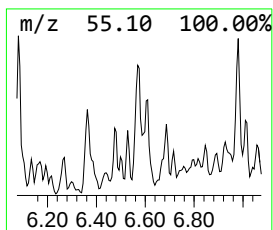
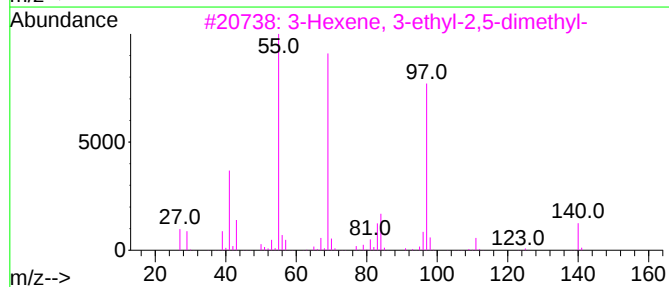
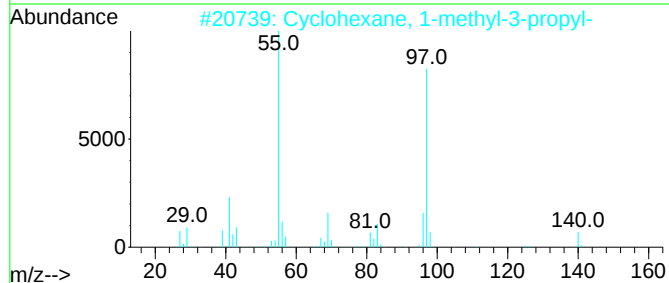
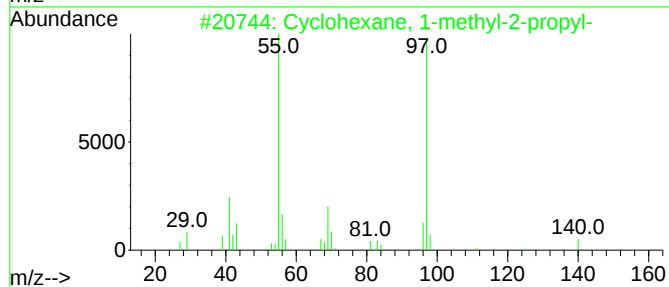
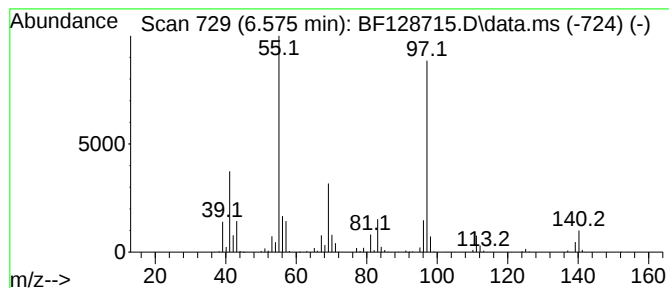
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Cyclohexane, 1-methyl-2-pro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD			R.T.
6.575	49.51 ng	3828250	1,4-Dichlorobenzene-d4			6.828
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-		140	C10H20	004291-79-6	87
2	Cyclohexane, 1-methyl-3-propyl-		140	C10H20	004291-80-9	86
3	3-Hexene, 3-ethyl-2,5-dimethyl-		140	C10H20	062338-08-3	83
4	Sulfurous acid, cyclohexylmethyl...		416	C24H48O3S	1000309-22-5	72
5	Cyclohexane, 1-methyl-4-(1-methy...		140	C10H20	006069-98-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
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ALS Vial : 6 Sample Multiplier: 1

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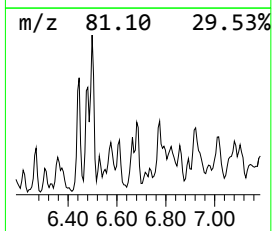
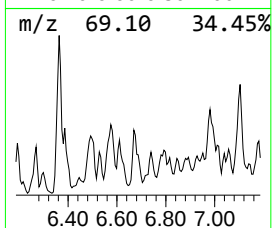
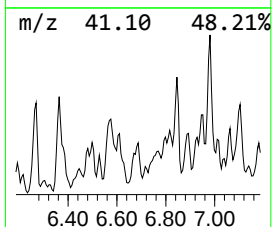
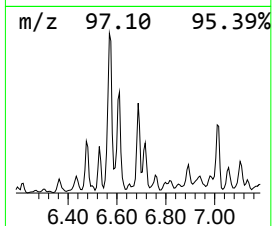
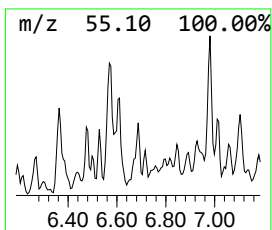
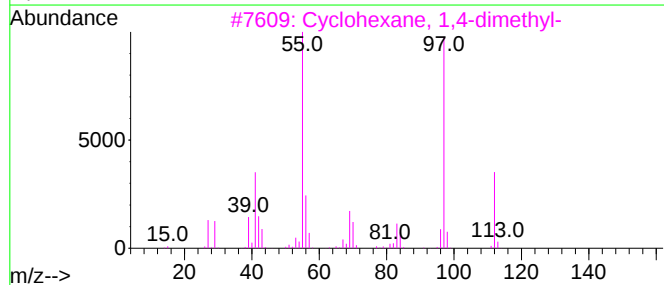
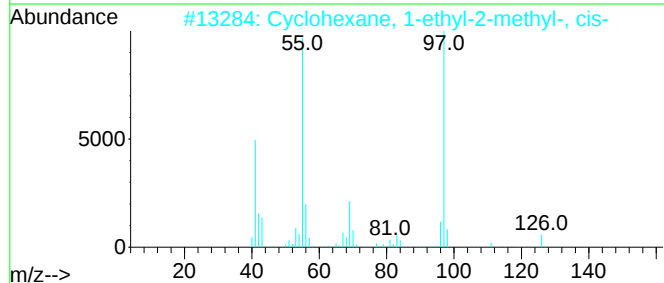
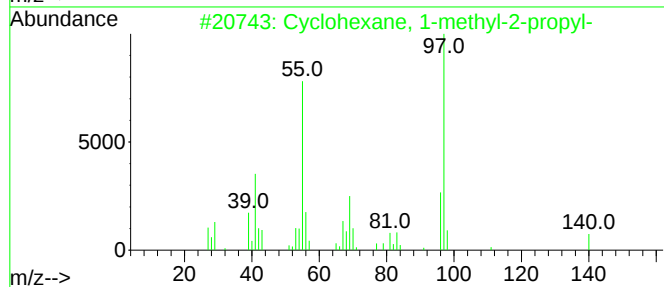
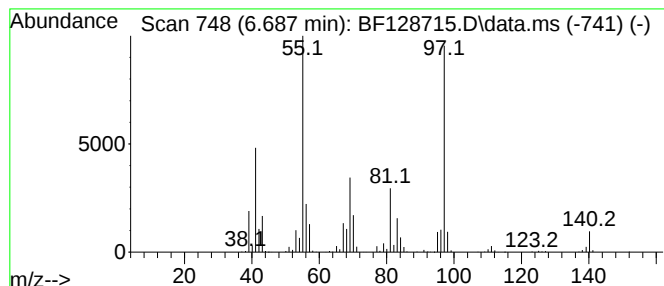
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Cyclohexane, 1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.687	28.16 ng	2176990	1,4-Dichlorobenzene-d4	6.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	87
2		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	80
3		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	78
4		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	72
5		m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128715.D
Acq On : 07 Jun 2022 14:50
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

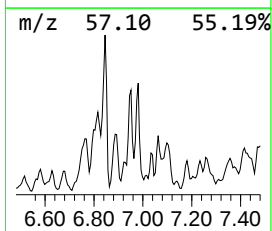
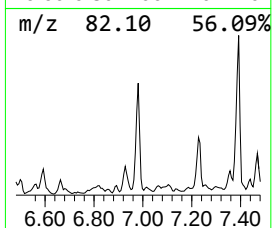
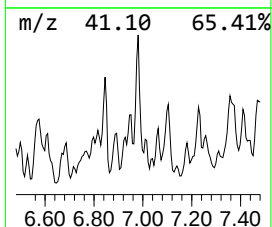
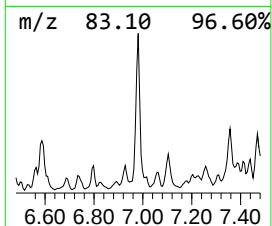
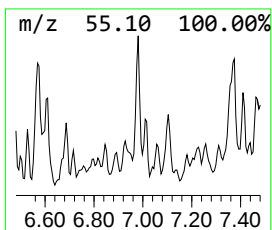
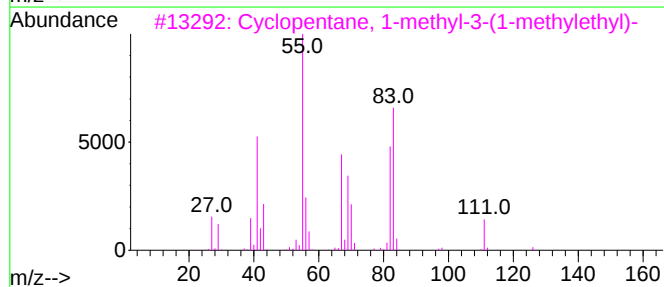
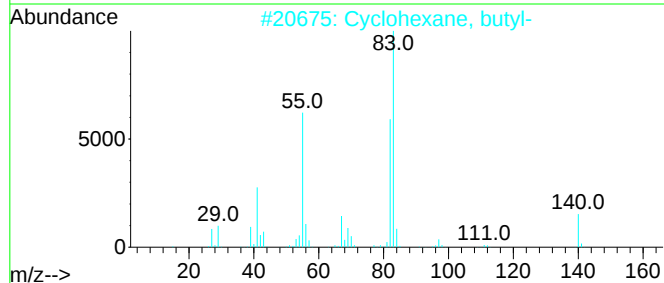
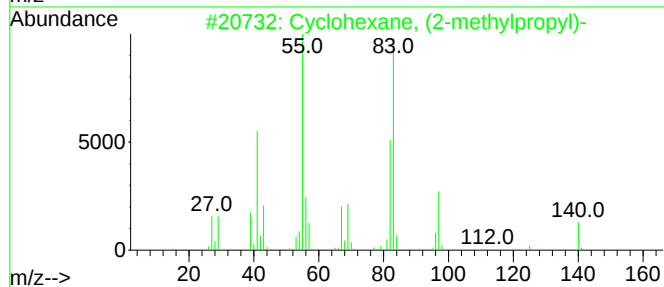
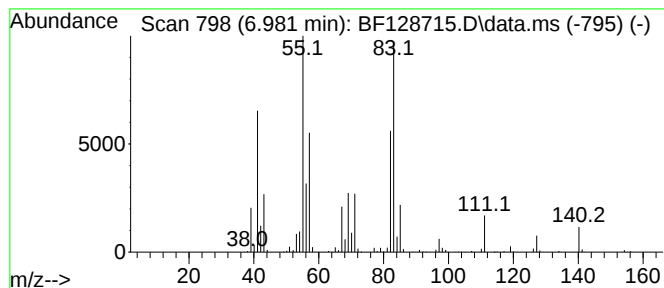
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Cyclohexane, butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.981	44.19 ng	3416420	1,4-Dichlorobenzene-d4	6.828	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	76
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	62
3	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	62
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
5	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128715.D
Acq On : 07 Jun 2022 14:50
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Sample : N3209-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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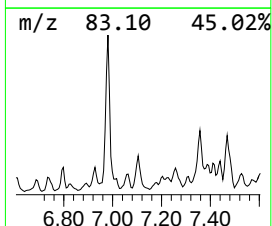
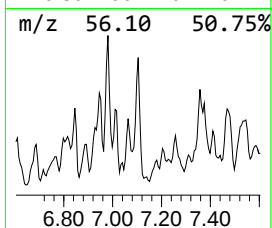
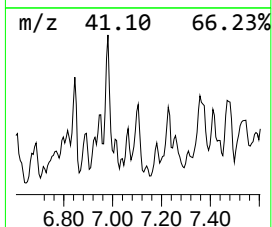
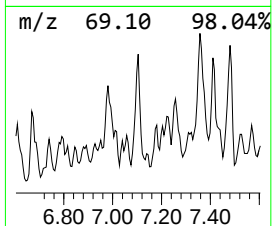
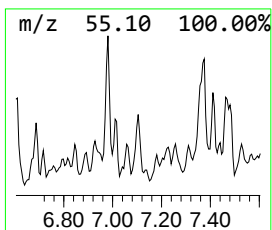
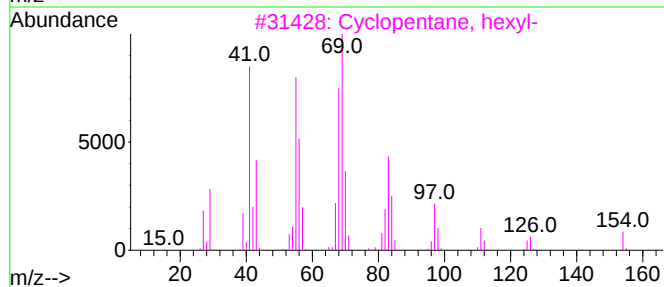
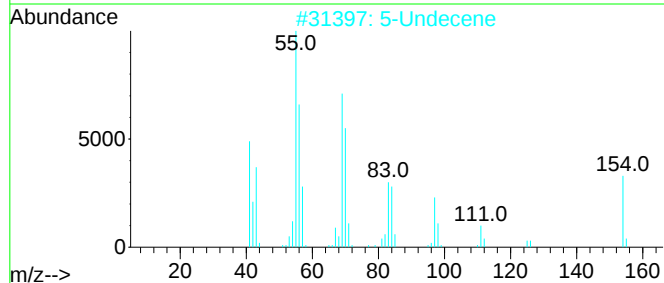
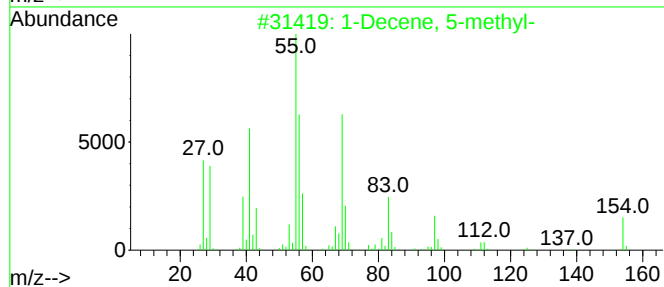
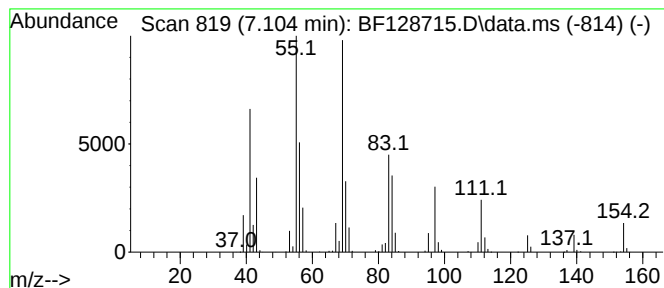
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1-Decene, 5-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.104	40.28 ng	3114240	1,4-Dichlorobenzene-d4	6.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Decene, 5-methyl-	154	C11H22	054244-79-0	90
2		5-Undecene	154	C11H22	004941-53-1	87
3		Cyclopentane, hexyl-	154	C11H22	004457-00-5	80
4		4-Undecene, (E)-	154	C11H22	000693-62-9	72
5		Cyclopropane, 1-heptyl-2-methyl-	154	C11H22	074663-91-5	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128715.D
Acq On : 07 Jun 2022 14:50
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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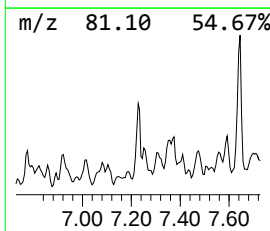
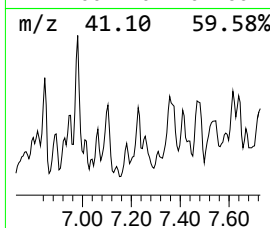
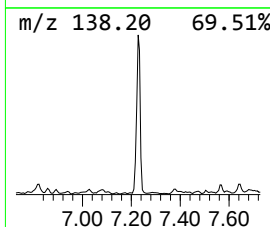
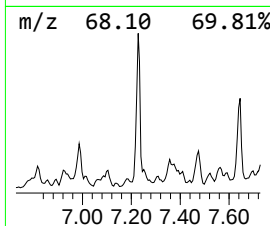
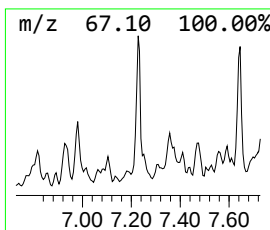
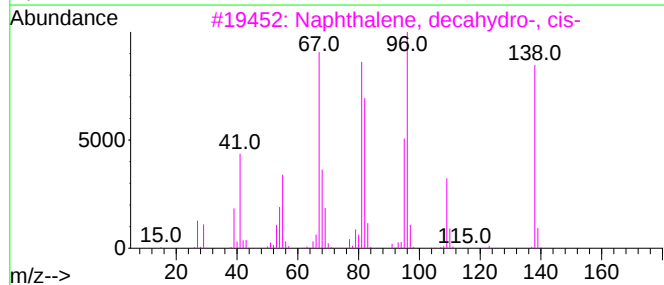
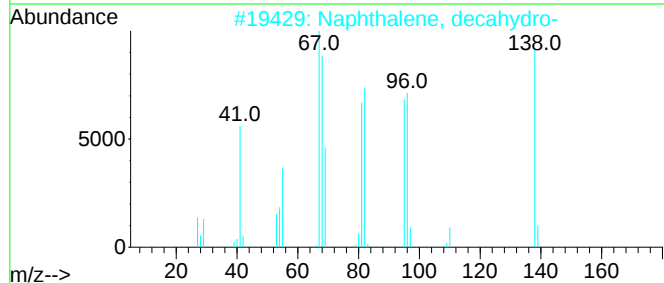
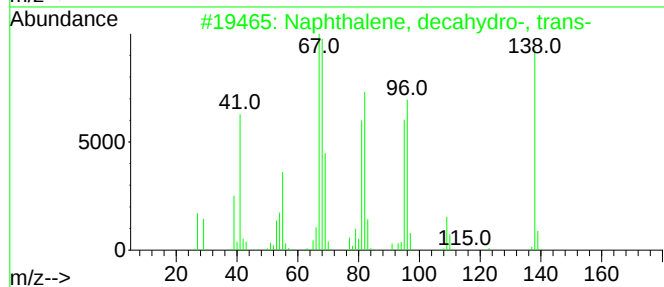
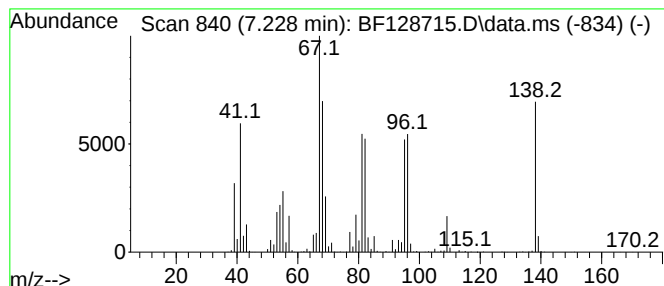
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, decahydro-, tr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.228	33.56 ng	2594720	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	93
3			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	83
4			Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	81
5			5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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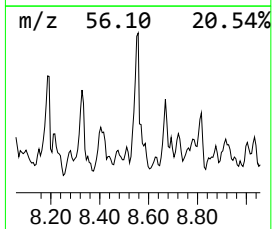
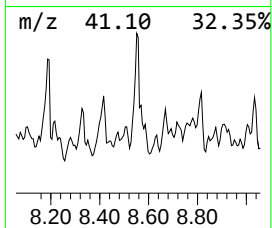
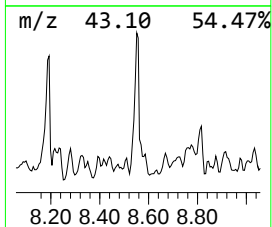
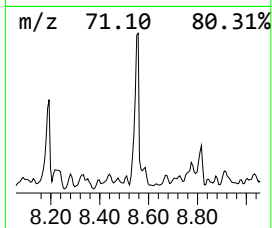
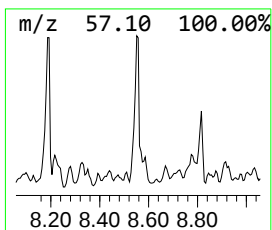
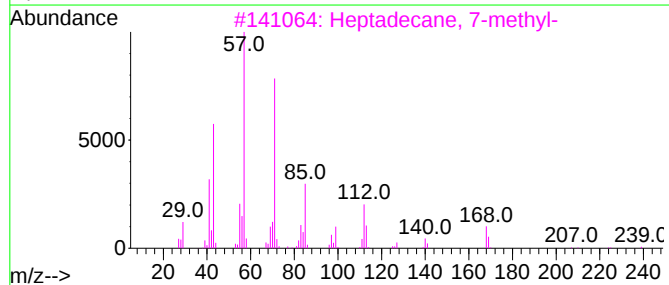
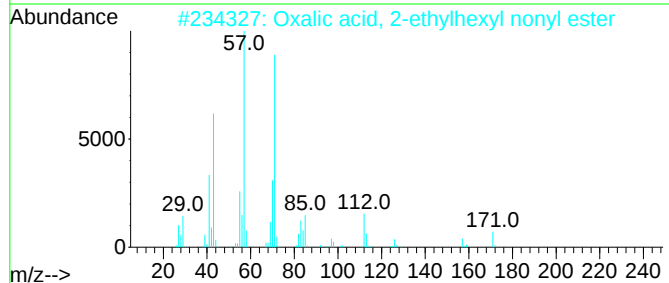
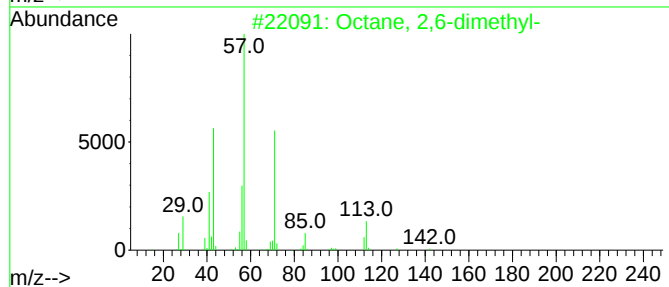
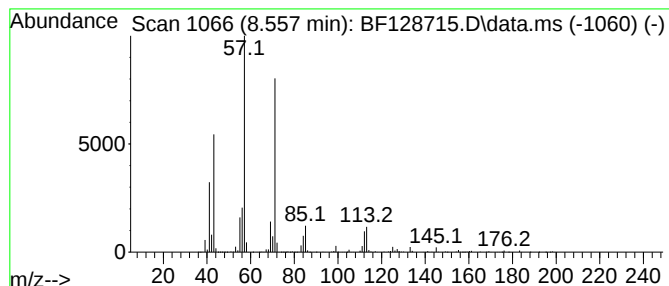
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Octane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.557	36.68 ng	8552810	Naphthalene-d8	8.116

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2		Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	83
3		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	78
4		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
5		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128715.D
Acq On : 07 Jun 2022 14:50
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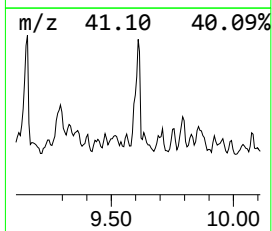
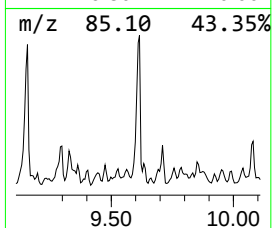
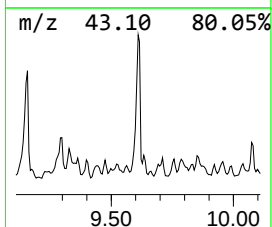
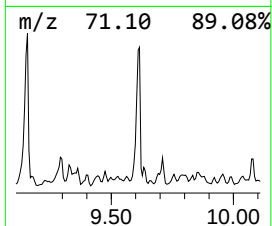
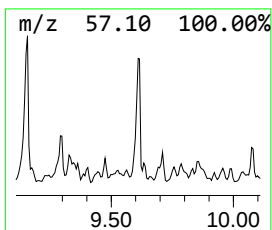
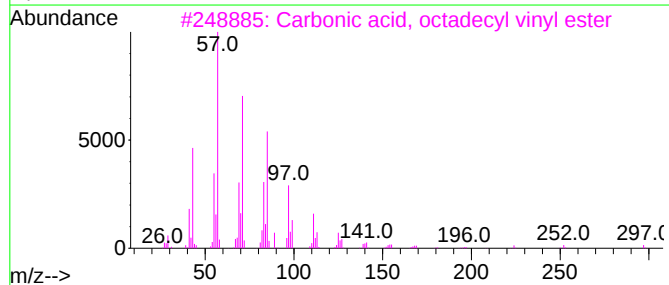
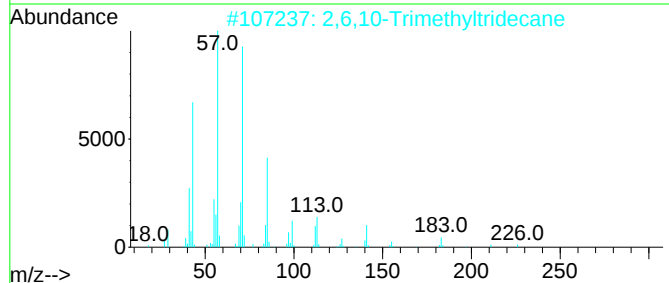
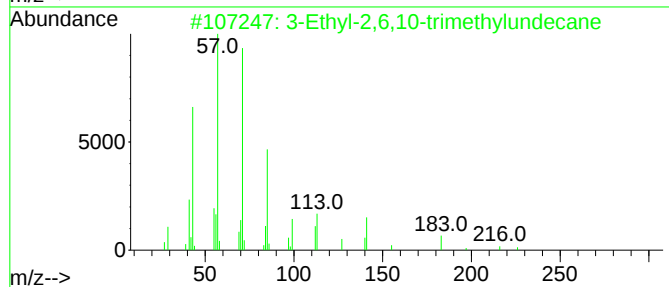
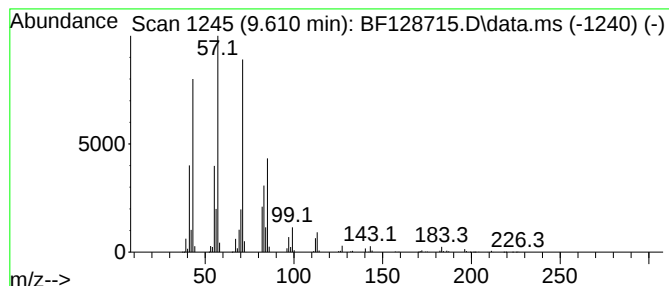
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 3-Ethyl-2,6,10-trimethylund... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	53.21 ng	7473560	Acenaphthene-d10	9.880

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	72
2		2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	64
3		Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	64
4		Tetradecane	198	C14H30	000629-59-4	64
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128715.D
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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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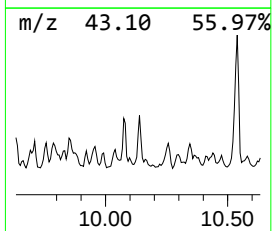
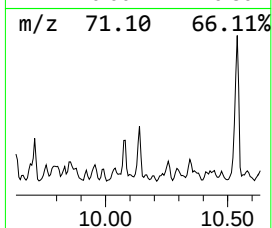
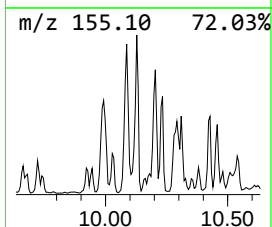
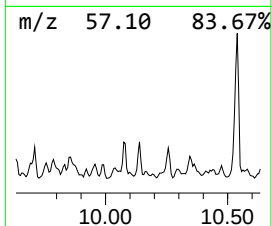
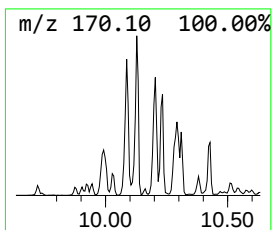
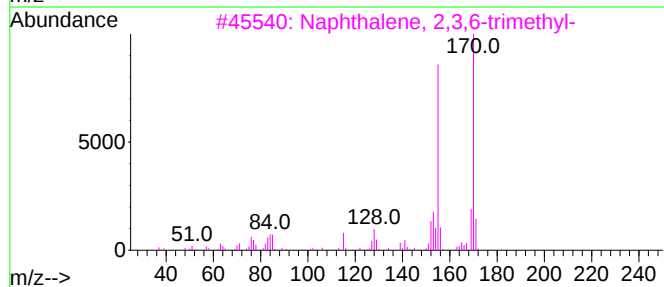
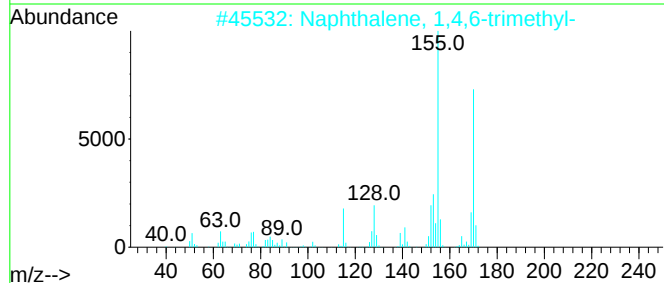
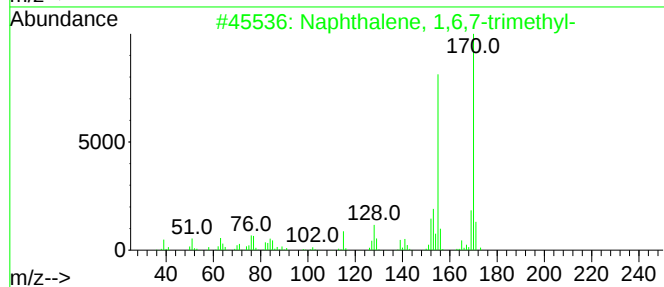
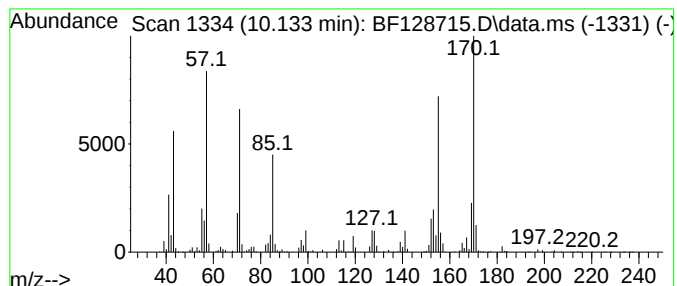
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.133	29.35 ng	4122040	Acenaphthene-d10	9.880

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	74
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	60
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128715.D
Acq On : 07 Jun 2022 14:50
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

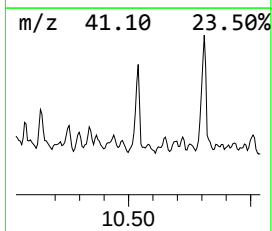
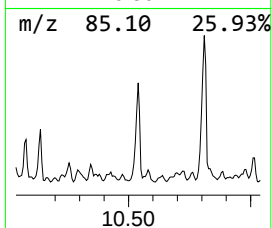
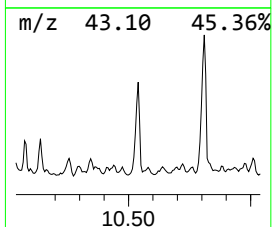
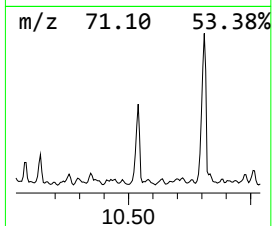
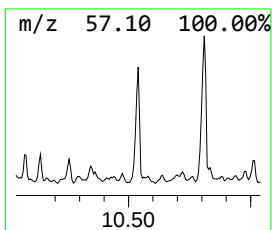
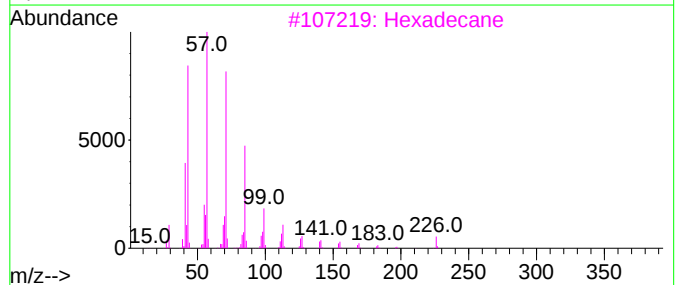
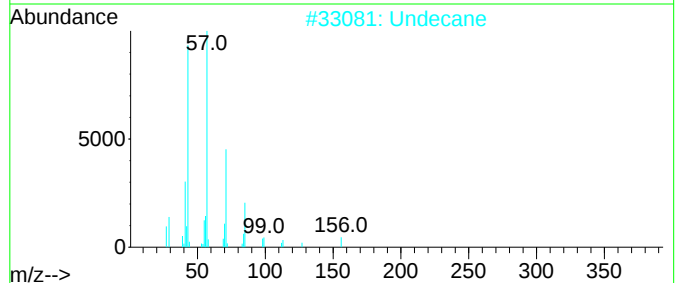
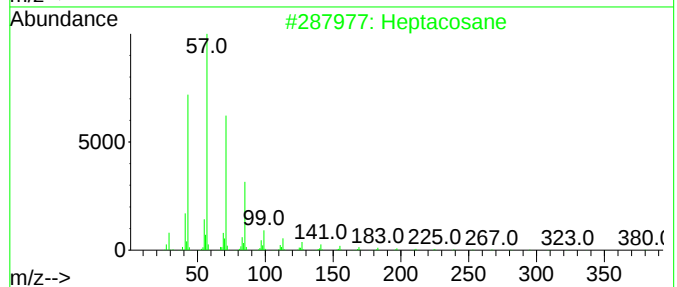
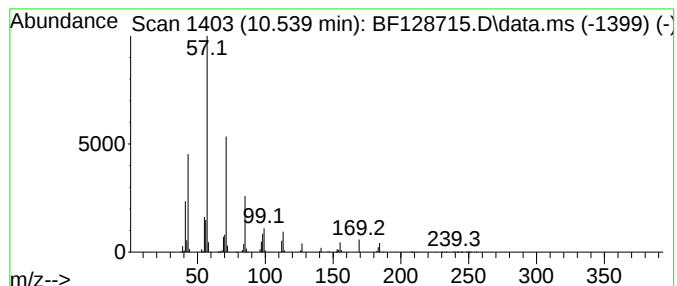
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ClientSampleId :
WC-14B-4-GR

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.539	35.69 ng	5012440	Acenaphthene-d10		9.880	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	80
2	Undecane		156	C11H24	001120-21-4	72
3	Hexadecane		226	C16H34	000544-76-3	64
4	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	64
5	Decane, 2,6,8-trimethyl-		184	C13H28	062108-26-3	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128715.D
Acq On : 07 Jun 2022 14:50
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

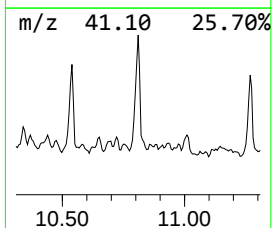
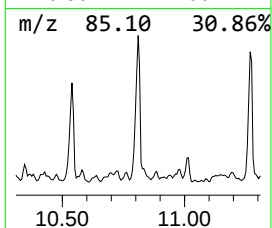
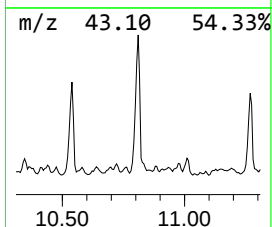
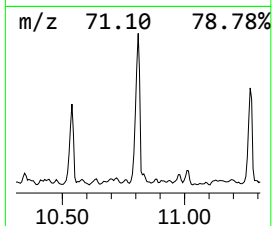
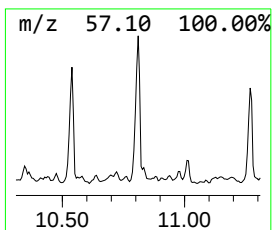
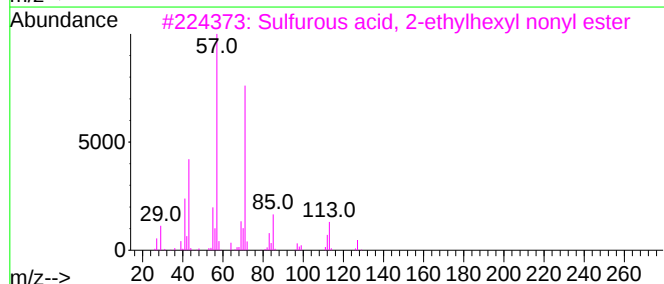
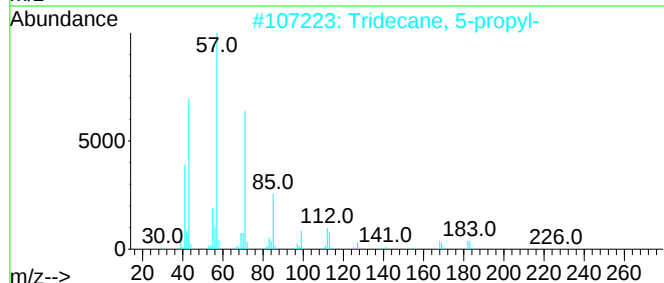
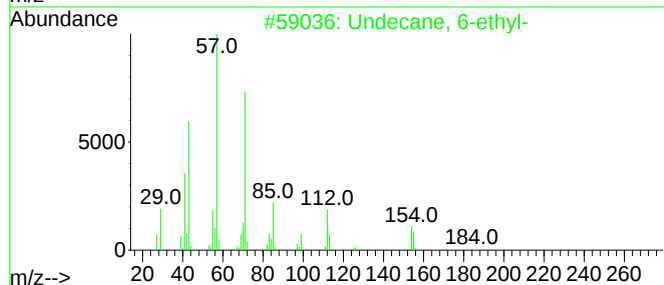
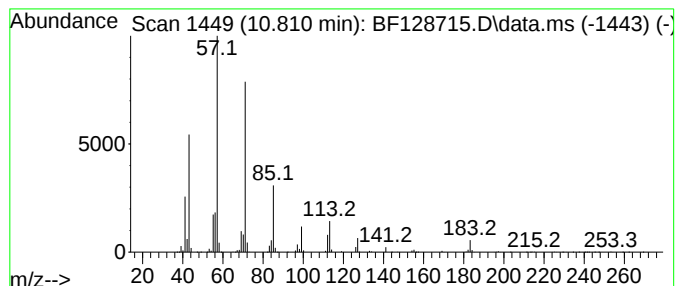
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Undecane, 6-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.810	158.91 ng	8530420	Phenanthrene-d10			11.369
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-		184	C13H28	017312-60-6	90
2	Tridecane, 5-propyl-		226	C16H34	055045-11-9	83
3	Sulfurous acid, 2-ethylhexyl non...		320	C17H36O3S	1010309-19-2	80
4	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	72
5	Sulfurous acid, 2-ethylhexyl und...		348	C19H40O3S	1000309-19-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128715.D
Acq On : 07 Jun 2022 14:50
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

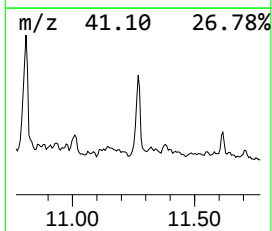
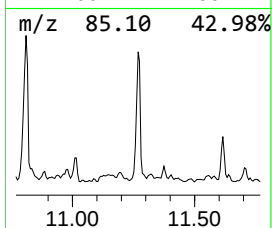
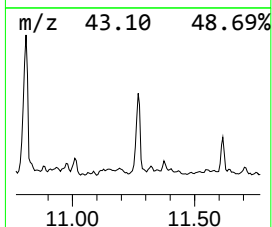
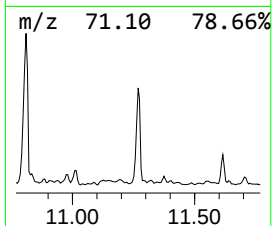
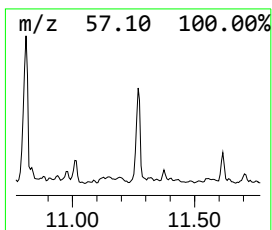
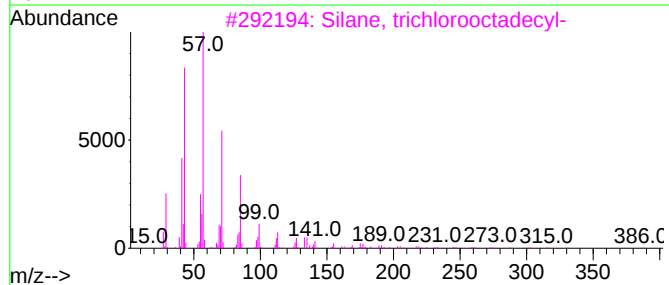
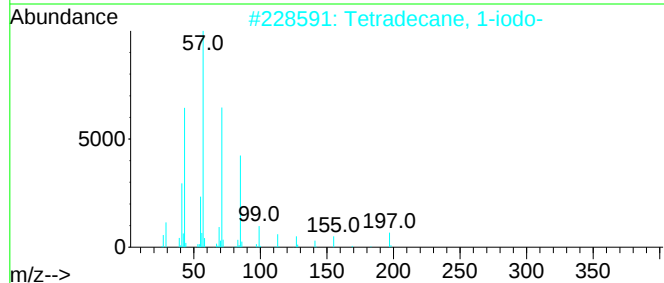
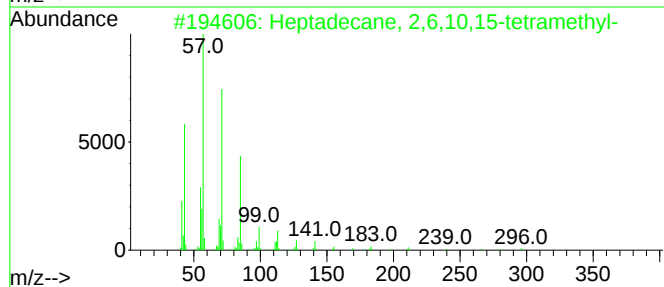
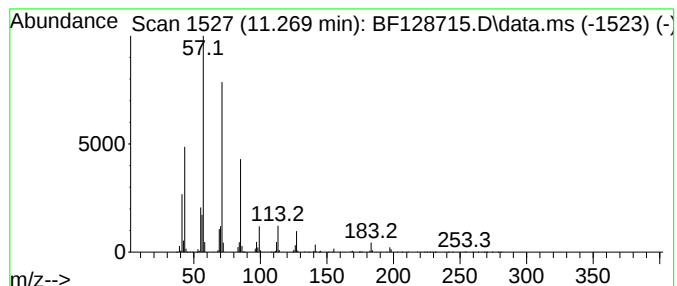
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.269	91.92 ng	4934530	Phenanthrene-d10	11.369	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	78
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	72
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128715.D
Acq On : 07 Jun 2022 14:50
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

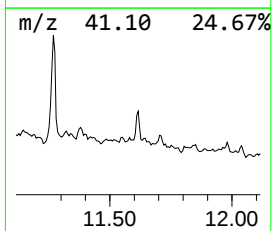
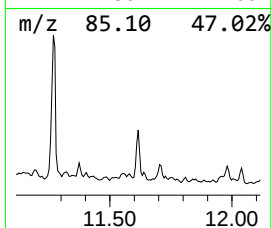
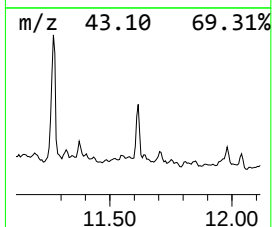
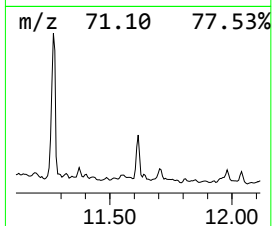
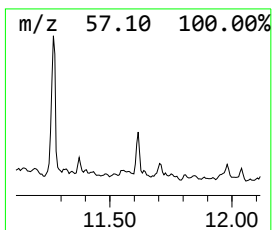
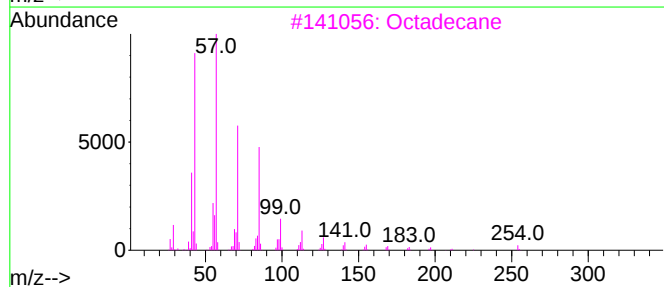
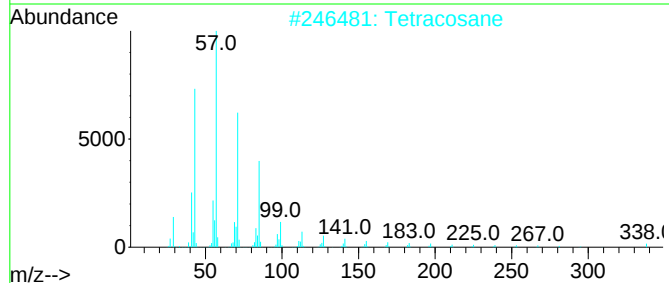
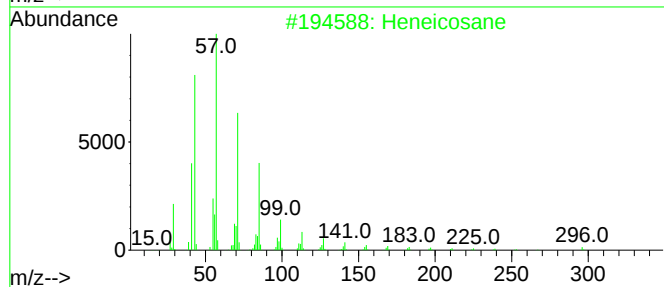
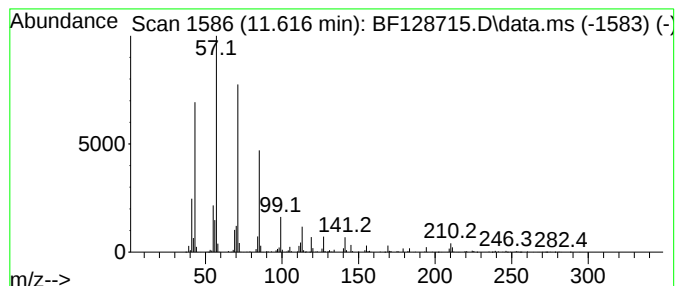
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.616	25.57 ng	1372840	Phenanthrene-d10		11.369	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	87
2	Tetracosane		338	C24H50	000646-31-1	87
3	Octadecane		254	C18H38	000593-45-3	86
4	Heptadecane		240	C17H36	000629-78-7	86
5	Docosane		310	C22H46	000629-97-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
 Data File : BF128715.D
 Acq On : 07 Jun 2022 14:50
 Operator : CG\JU
 Sample : N3209-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-4-GR

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown5.234	5.234	25.0	ng	1935930	1	6.828	1546410	20.0
Cyclohexane, 1-...	5.851	32.9	ng	2544160	1	6.828	1546410	20.0
Cyclohexaneprop...	5.981	38.0	ng	2936430	1	6.828	1546410	20.0
Cyclohexane, pr...	6.081	59.0	ng	4562740	1	6.828	1546410	20.0
Heptane, 3-ethy...	6.134	28.9	ng	2231080	1	6.828	1546410	20.0
unknown6.269	6.269	40.5	ng	3133340	1	6.828	1546410	20.0
Cyclohexane, 1,...	6.363	60.7	ng	4690700	1	6.828	1546410	20.0
Cyclohexane, 1-...	6.575	49.5	ng	3828250	1	6.828	1546410	20.0
Cyclohexane, 1,...	6.687	28.2	ng	2176990	1	6.828	1546410	20.0
Cyclohexane, bu...	6.981	44.2	ng	3416420	1	6.828	1546410	20.0
1-Decene, 5-met...	7.104	40.3	ng	3114240	1	6.828	1546410	20.0
Naphthalene, de...	7.228	33.6	ng	2594720	1	6.828	1546410	20.0
Octane, 2,6-dim...	8.557	36.7	ng	8552810	2	8.116	4662900	20.0
3-Ethyl-2,6,10-...	9.610	53.2	ng	7473560	3	9.880	2808910	20.0
Naphthalene, 1,...	10.133	29.4	ng	4122040	3	9.880	2808910	20.0
Heptacosane	10.539	35.7	ng	5012440	3	9.880	2808910	20.0
Undecane, 6-ethyl-	10.810	158.9	ng	8530420	4	11.369	1073640	20.0
Heptadecane, 2,...	11.269	91.9	ng	4934530	4	11.369	1073640	20.0
Heneicosane	11.616	25.6	ng	1372840	4	11.369	1073640	20.0