

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130457.D
 Acq On : 28 Sep 2022 20:24
 Operator : CG\JU
 Sample : N4850-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-SP-2

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-BF091422.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130457.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.734	439	450	457	rBV4	137815	385955	5.49%	0.301%
2	4.804	457	462	467	rBV2	686329	842689	11.98%	0.657%
3	5.016	494	498	501	rBV	519830	541029	7.69%	0.422%
4	5.204	525	530	532	rVV2	169262	283321	4.03%	0.221%
5	5.246	532	537	544	rVB	776248	897385	12.76%	0.700%
6	5.393	558	562	567	rBV3	520306	681986	9.70%	0.532%
7	5.440	567	570	573	rVV	592069	550322	7.82%	0.429%
8	5.481	573	577	579	rVV3	304351	396449	5.64%	0.309%
9	5.551	583	589	593	rBV2	367537	387215	5.51%	0.302%
10	5.651	599	606	610	rVB2	793897	1306274	18.57%	1.019%
11	5.704	610	615	618	rBV3	383336	665763	9.47%	0.519%
12	5.793	626	630	634	rVB	1367268	1451057	20.63%	1.132%
13	5.840	634	638	641	rBV2	446387	720678	10.25%	0.562%
14	5.893	644	647	653	rVB2	1603133	2070688	29.44%	1.615%
15	5.951	653	657	659	rBV	1676931	1621857	23.06%	1.265%
16	5.981	659	662	665	rBV4	328703	444171	6.31%	0.346%
17	6.081	673	679	682	rBV2	1239854	1580987	22.48%	1.233%
18	6.110	682	684	688	rVB3	219153	295574	4.20%	0.230%
19	6.175	692	695	698	rBV	1767249	2123784	30.19%	1.656%
20	6.257	704	709	711	rBV2	399793	618748	8.80%	0.483%
21	6.293	711	715	717	rVV2	1113398	1527530	21.72%	1.191%
22	6.316	717	719	722	rVV2	986136	863345	12.27%	0.673%
23	6.346	722	724	727	rVB2	566778	450821	6.41%	0.352%
24	6.393	727	732	736	rBV4	1227966	2203457	31.33%	1.718%
25	6.422	736	737	740	rVV3	532906	505891	7.19%	0.394%
26	6.504	744	751	754	rVB3	821111	1238977	17.62%	0.966%
27	6.593	761	766	768	rVV4	426681	741251	10.54%	0.578%
28	6.616	768	770	772	rVV3	701523	726158	10.32%	0.566%
29	6.651	772	776	777	rVV3	1078302	1463237	20.80%	1.141%
30	6.669	777	779	782	rVB	2107026	1794058	25.51%	1.399%
31	6.710	782	786	789	rBV3	900887	1026627	14.60%	0.801%
32	6.746	789	792	794	rBV2	726239	825979	11.74%	0.644%
33	6.775	794	797	799	rVV	842354	892646	12.69%	0.696%
34	6.804	799	802	805	rVV3	1195883	1389840	19.76%	1.084%
35	6.834	805	807	810	rVB	928286	820443	11.66%	0.640%
36	6.863	810	812	813	rBV	385123	315245	4.48%	0.246%

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.887	813	816	818	rBV2	800682	708997	10.08%	0.553%
38	6.922	819	822	827	rVB3	1408409	1729527	24.59%	1.349%
39	7.004	832	836	840	rBV5	565842	935588	13.30%	0.730%
40	7.045	840	843	845	rBV2	1454093	1283958	18.25%	1.001%
41	7.075	845	848	850	rVB2	380650	356117	5.06%	0.278%
42	7.128	855	857	860	rBV3	324992	377788	5.37%	0.295%
43	7.181	860	866	867	rBV4	1400037	1907305	27.12%	1.487%
44	7.216	870	872	873	rVV	448800	390322	5.55%	0.304%
45	7.234	873	875	878	rVV4	674472	576312	8.19%	0.449%
46	7.298	881	886	890	rBV5	1424696	2189702	31.13%	1.708%
47	7.345	890	894	896	rBV4	763603	938877	13.35%	0.732%
48	7.369	896	898	902	rVB3	607036	555484	7.90%	0.433%
49	7.410	902	905	907	rBV2	498043	545595	7.76%	0.425%
50	7.445	907	911	912	rBV2	1040844	1148886	16.33%	0.896%
51	7.457	912	913	916	rVB	1649510	1261602	17.94%	0.984%
52	7.575	925	933	937	rVB7	2068503	3543862	50.38%	2.764%
53	7.622	939	941	943	rVB2	452494	332380	4.73%	0.259%
54	7.681	948	951	953	rBV2	1073442	1042178	14.82%	0.813%
55	7.763	961	965	969	rVB4	1062685	1189396	16.91%	0.928%
56	7.810	969	973	977	rBV3	916247	1794857	25.52%	1.400%
57	7.845	977	979	981	rVV2	600428	470612	6.69%	0.367%
58	7.881	982	985	986	rVV2	770662	730349	10.38%	0.570%
59	7.898	986	988	989	rVV2	787099	704508	10.02%	0.549%
60	7.934	989	994	997	rVV4	1668581	3006116	42.74%	2.344%
61	7.987	1001	1003	1004	rVV	1127761	849508	12.08%	0.662%
62	8.010	1004	1007	1009	rVV	2931675	2410975	34.28%	1.880%
63	8.034	1009	1011	1014	rVV2	823042	651266	9.26%	0.508%
64	8.057	1014	1015	1018	rVB2	770844	615350	8.75%	0.480%
65	8.110	1018	1024	1027	rBV5	842601	1756581	24.97%	1.370%
66	8.145	1027	1030	1033	rVB	1383495	1095882	15.58%	0.855%
67	8.234	1037	1045	1048	rBV7	1654547	2920014	41.51%	2.277%
68	8.287	1052	1054	1057	rBV3	663926	663075	9.43%	0.517%
69	8.322	1058	1060	1063	rVB3	823506	897671	12.76%	0.700%
70	8.375	1065	1069	1072	rBV2	3945225	4042802	57.48%	3.153%
71	8.445	1078	1081	1084	rVB4	763837	731561	10.40%	0.570%
72	8.481	1084	1087	1089	rBV3	1410709	1447314	20.58%	1.129%
73	8.540	1095	1097	1098	rBV2	491827	425665	6.05%	0.332%
74	8.634	1110	1113	1116	rVB2	2181895	2533207	36.02%	1.975%
75	8.681	1119	1121	1125	rBV3	574050	736488	10.47%	0.574%
76	8.722	1125	1128	1129	rBV2	634898	673128	9.57%	0.525%

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77	8.822	1142	1145	1147	rBV4	1029166	993454	14.12%	0.775%
78	8.851	1147	1150	1154	rVB2	1260208	1411665	20.07%	1.101%
79	8.928	1161	1163	1166	rBV2	507656	421031	5.99%	0.328%
80	8.969	1167	1170	1173	rVV	3745677	3764397	53.52%	2.936%
81	9.010	1175	1177	1180	rVB2	893143	818327	11.63%	0.638%
82	9.098	1189	1192	1197	rBV6	1160033	1918310	27.27%	1.496%
83	9.292	1223	1225	1227	rBV2	639780	505813	7.19%	0.394%
84	9.404	1241	1244	1245	rBV	1020672	937462	13.33%	0.731%
85	9.428	1245	1248	1250	rVB	4485519	3803094	54.07%	2.966%
86	9.451	1250	1252	1255	rBV3	656009	546838	7.77%	0.426%
87	9.510	1260	1262	1264	rBV3	534515	428477	6.09%	0.334%
88	9.569	1268	1272	1275	rBV4	692838	1050472	14.93%	0.819%
89	9.604	1275	1278	1281	rVB	1752206	1471545	20.92%	1.148%
90	9.675	1287	1290	1291	rBV2	1383446	1403123	19.95%	1.094%
91	9.804	1310	1312	1315	rVB	862107	784534	11.15%	0.612%
92	9.892	1325	1327	1330	rVB	942988	802113	11.40%	0.625%
93	9.957	1336	1338	1344	rVB4	1808098	1868458	26.56%	1.457%
94	10.016	1345	1348	1353	rBV3	914858	1347617	19.16%	1.051%
95	10.234	1383	1385	1387	rBV2	666480	755029	10.73%	0.589%
96	10.357	1402	1406	1409	rVB	3782695	3982203	56.62%	3.105%
97	10.628	1446	1452	1455	rBV	5228132	7033638	100.00%	5.485%
98	11.092	1527	1531	1534	rVB	3946366	4311437	61.30%	3.362%
99	11.433	1587	1589	1592	rVB	1092042	1049102	14.92%	0.818%
100	12.769	1814	1816	1826	rVB	1532492	2005944	28.52%	1.564%

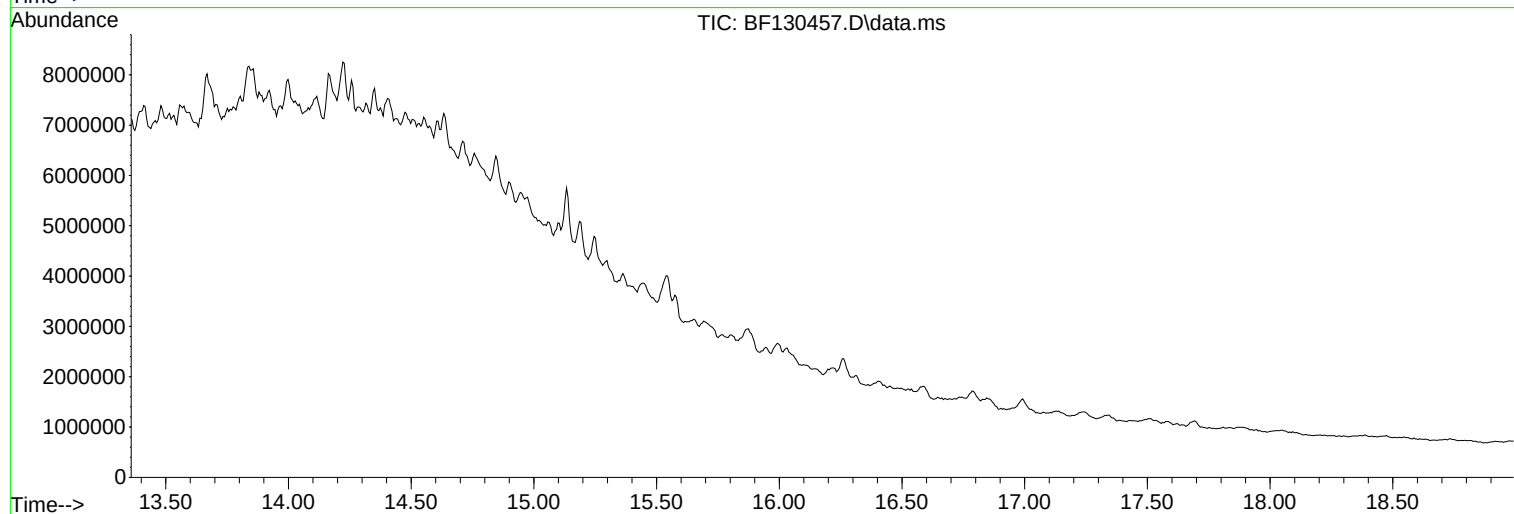
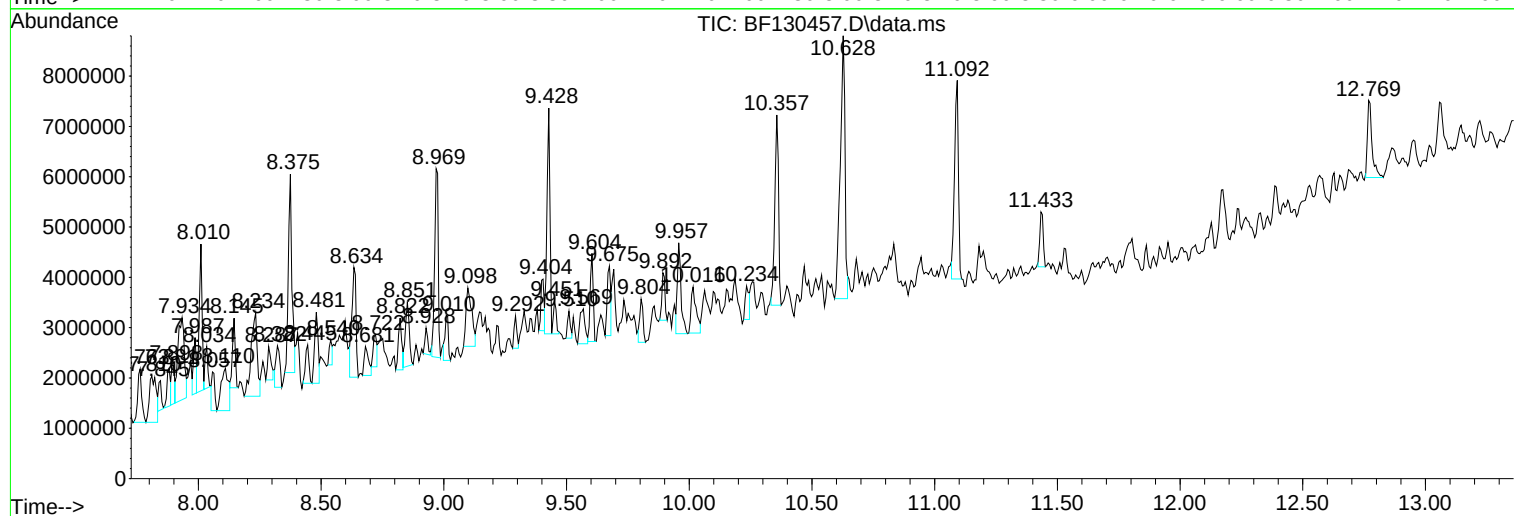
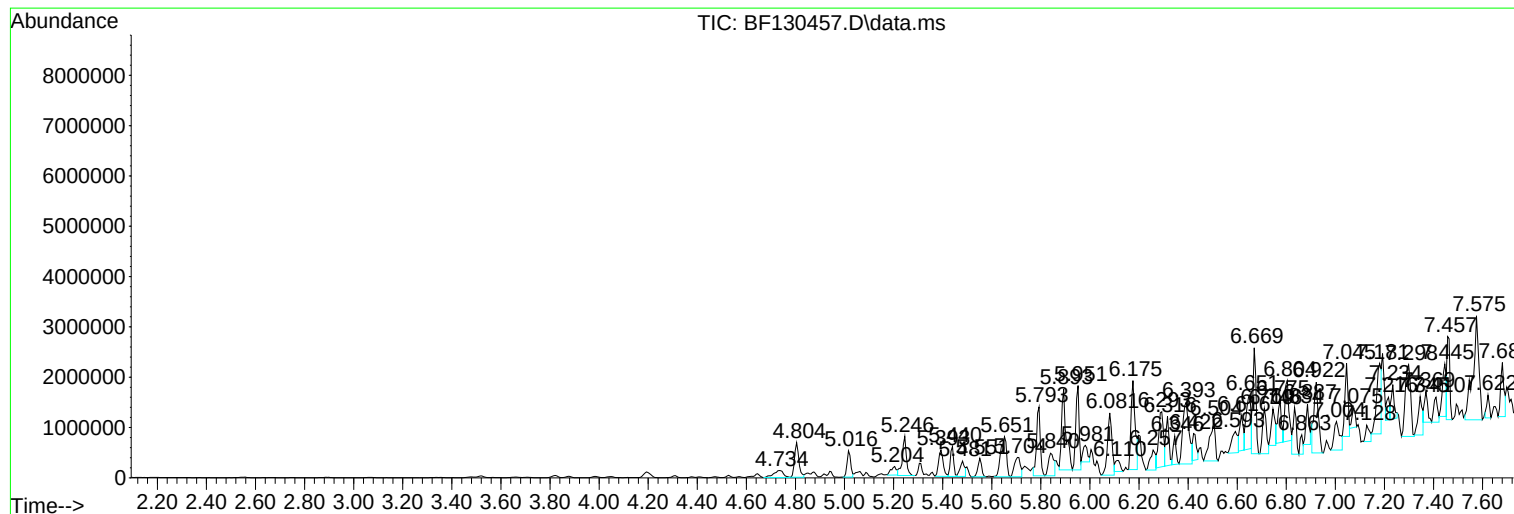
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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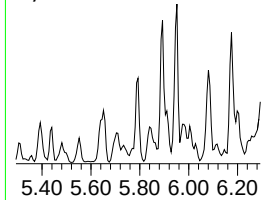
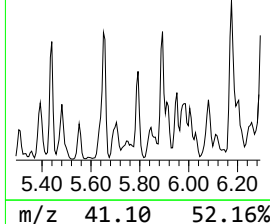
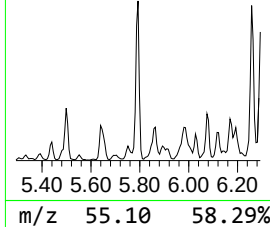
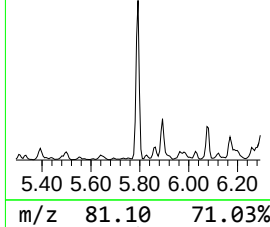
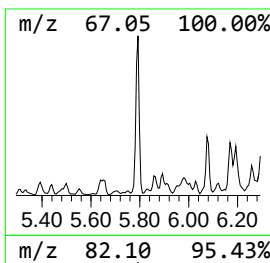
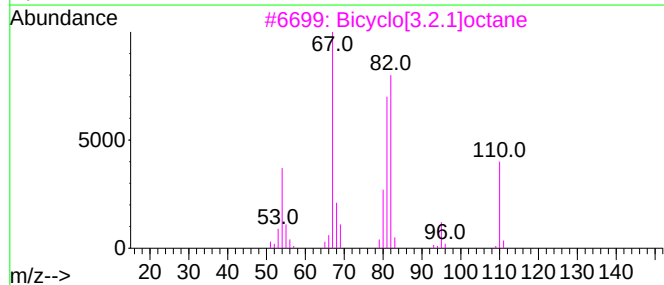
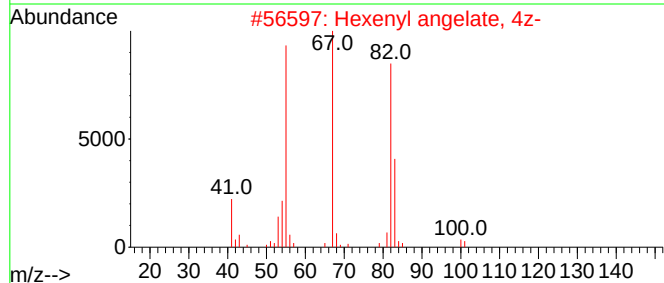
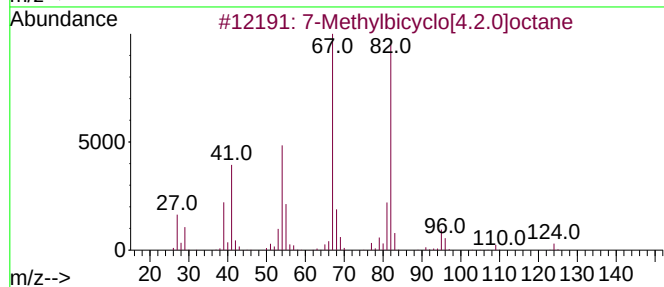
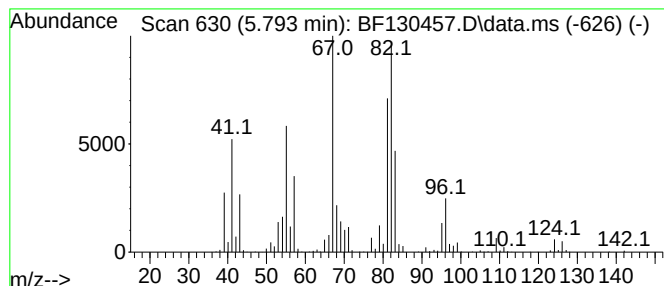
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 7-Methylbicyclo[4.2.0]octane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.793	19.83 ng	1451060	1,4-Dichlorobenzene-d4	6.651

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	68
2			Hexenyl angelate, 4z-	182	C11H18O2	1000383-63-7	59
3			Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	58
4			Cyclohexanepropanol-	142	C9H18O	001124-63-6	52
5			4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	49



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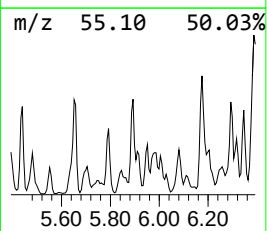
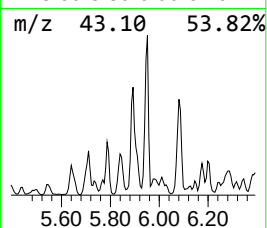
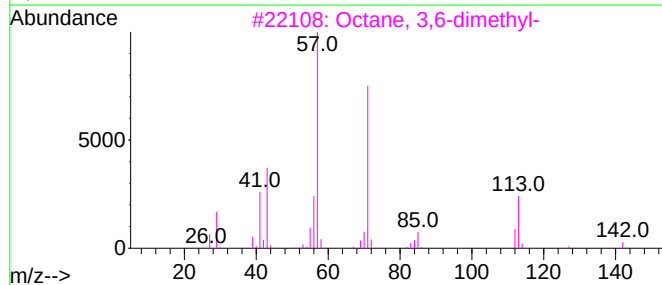
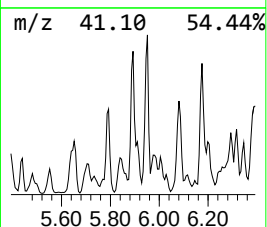
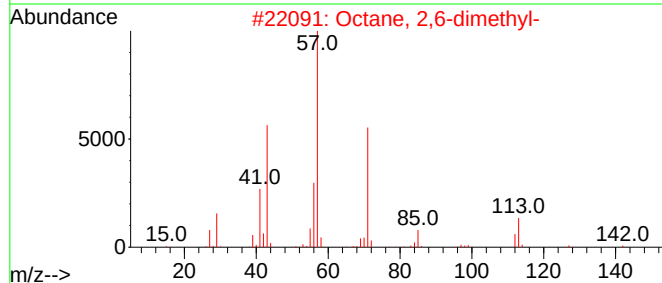
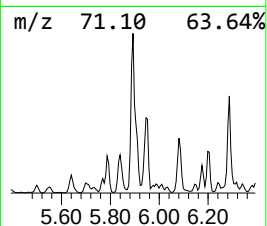
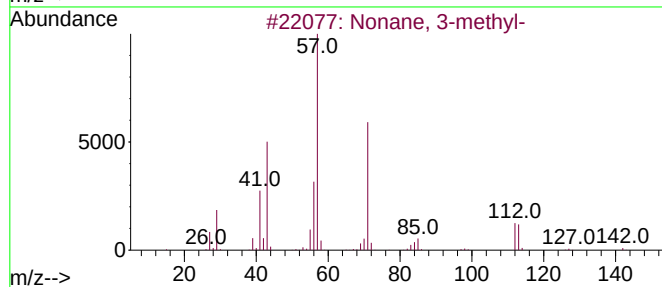
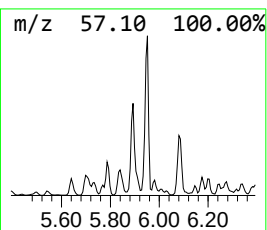
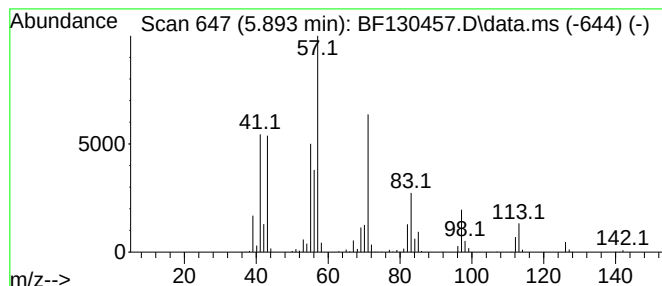
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Nonane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.893	28.30 ng	2070690	1,4-Dichlorobenzene-d4	6.651

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	64
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	62
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58
4			3-Bromooctane	192	C8H17Br	000999-64-4	46
5			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	43



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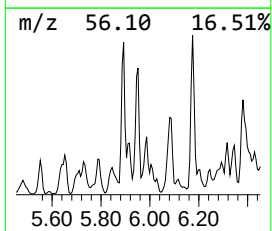
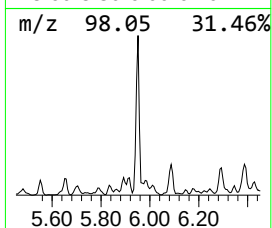
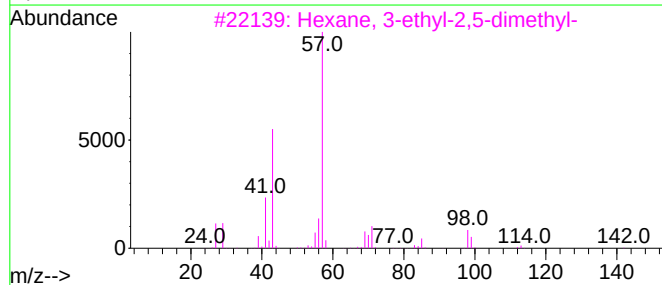
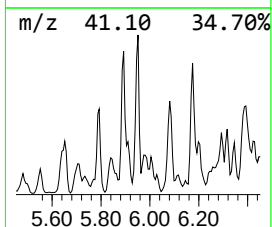
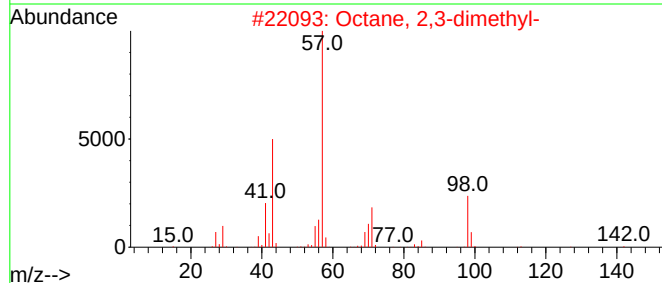
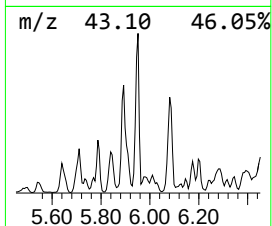
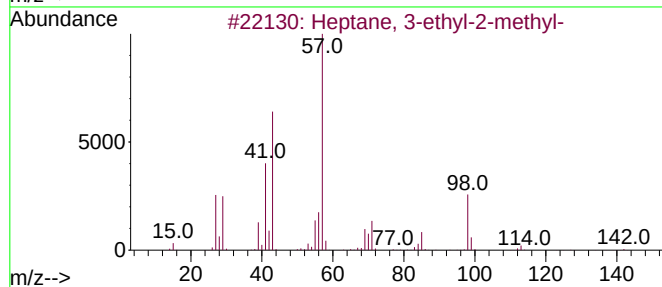
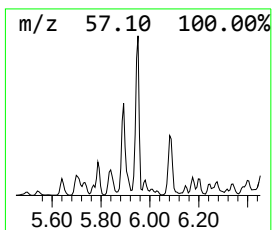
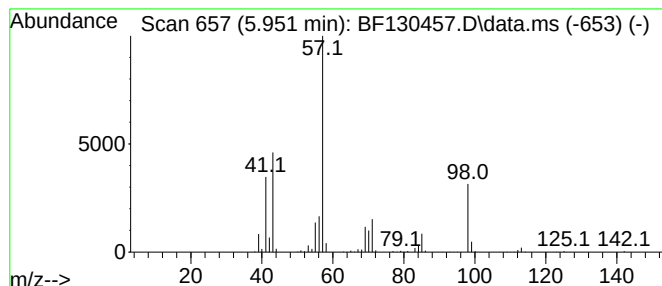
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Heptane, 3-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.951	22.17 ng	1621860	1,4-Dichlorobenzene-d4	6.651

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	68
3			Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	68
4			Heptane, 4-propyl-	142	C10H22	003178-29-8	59
5			Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130457.D
Acq On : 28 Sep 2022 20:24
Operator : CG\JU
Sample : N4850-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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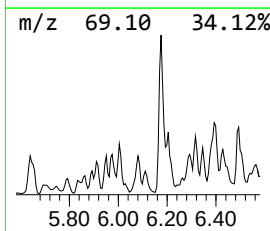
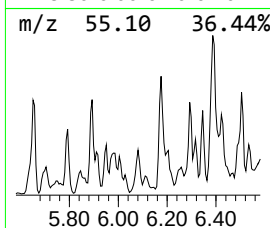
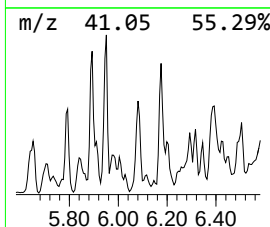
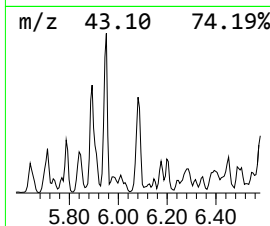
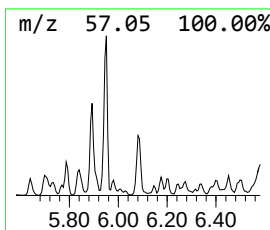
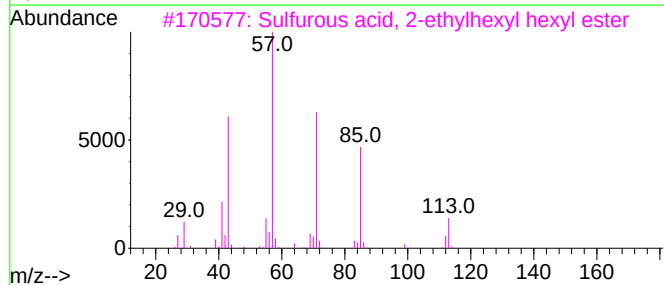
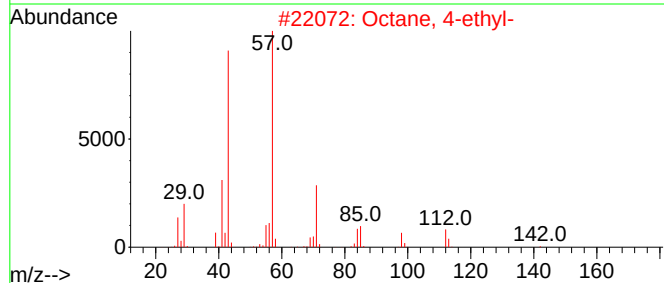
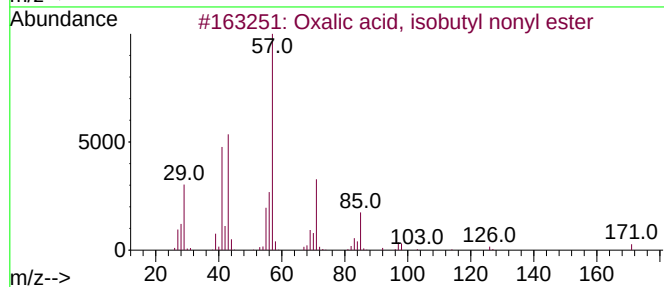
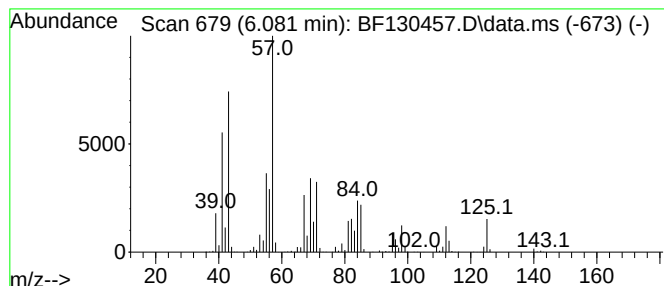
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.081 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.081	21.61 ng	1580990	1,4-Dichlorobenzene-d4	6.651

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	46
2			Octane, 4-ethyl-	142	C10H22	015869-86-0	43
3			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	35
4			Caprolactam	113	C6H11NO	000105-60-2	35
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130457.D
Acq On : 28 Sep 2022 20:24
Operator : CG\JU
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ClientSampleId :
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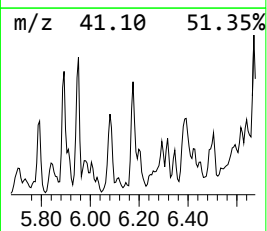
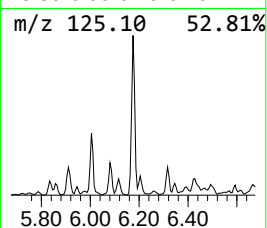
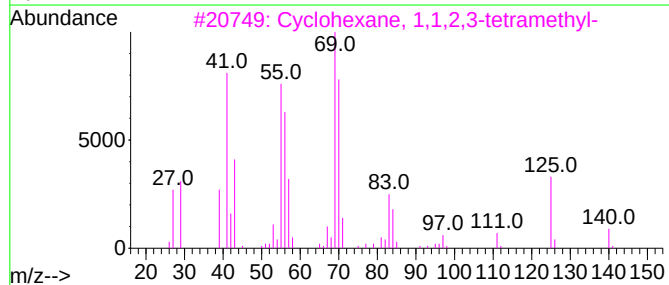
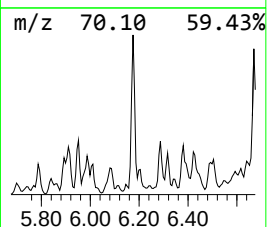
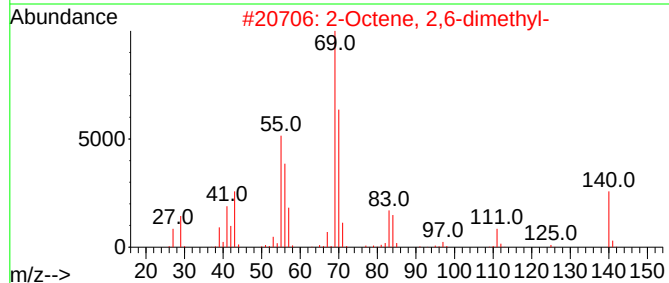
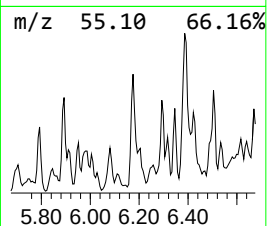
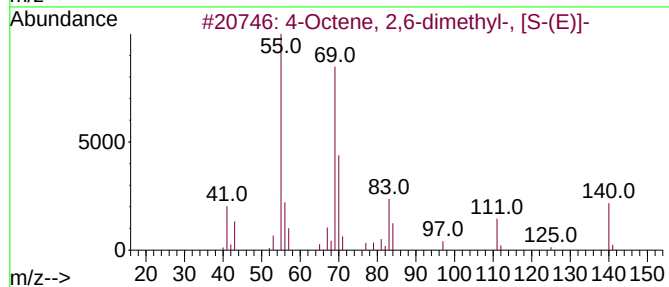
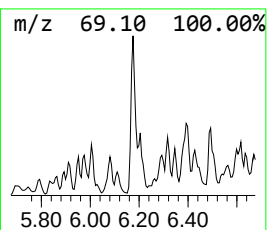
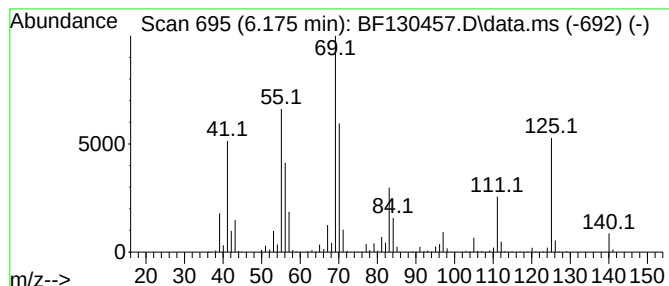
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.175	29.03 ng	2123780	1,4-Dichlorobenzene-d4	6.651

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	70
2			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	62
3			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	55
4			1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	46
5			3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130457.D
Acq On : 28 Sep 2022 20:24
Operator : CG\JU
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Misc :
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ClientSampleId :
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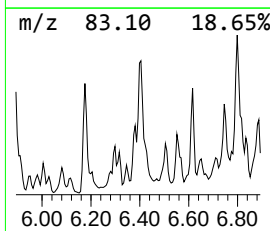
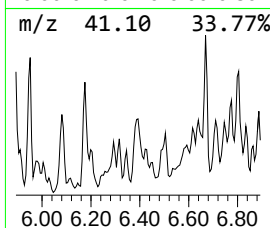
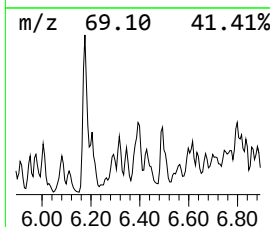
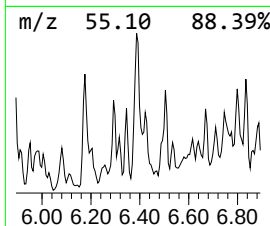
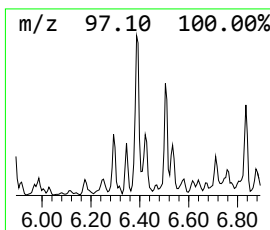
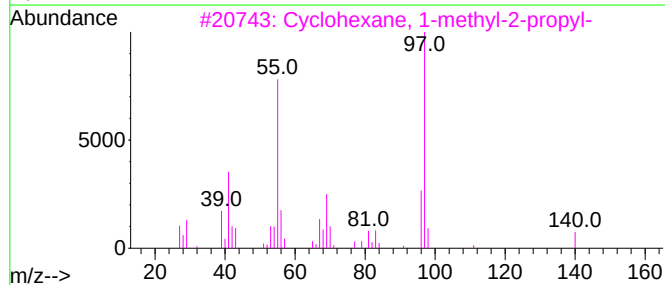
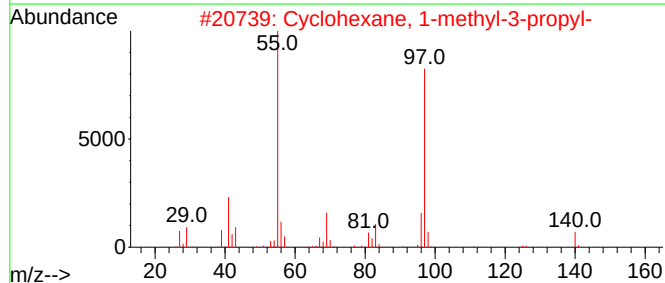
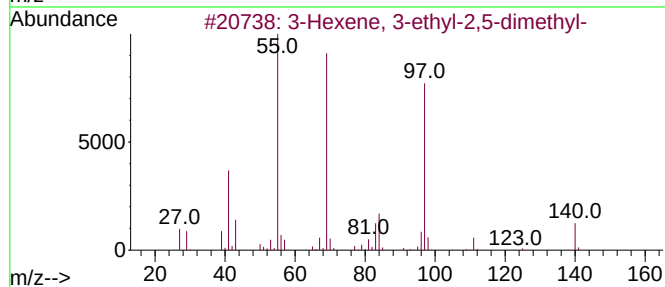
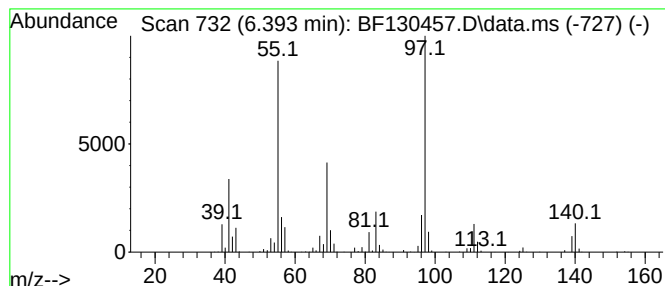
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 3-Hexene, 3-ethyl-2,5-dimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.393	30.12 ng	2203460	1,4-Dichlorobenzene-d4	6.651

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	80
2		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	64
3		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	64
4		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64
5		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130457.D
Acq On : 28 Sep 2022 20:24
Operator : CG\JU
Sample : N4850-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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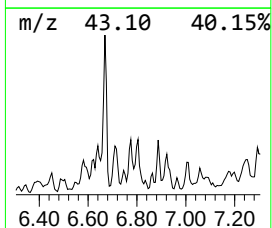
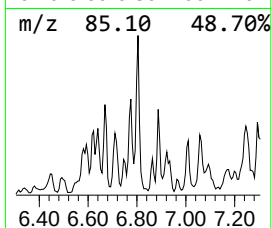
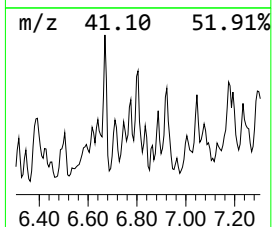
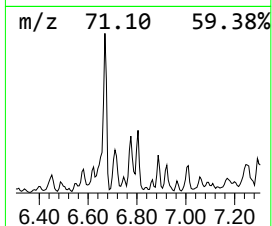
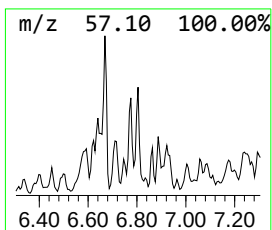
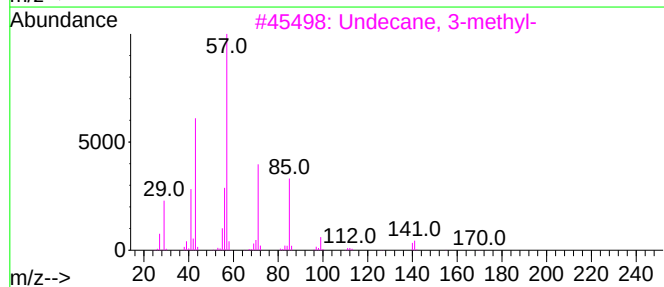
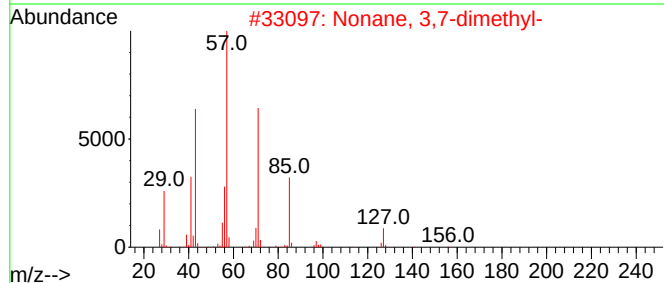
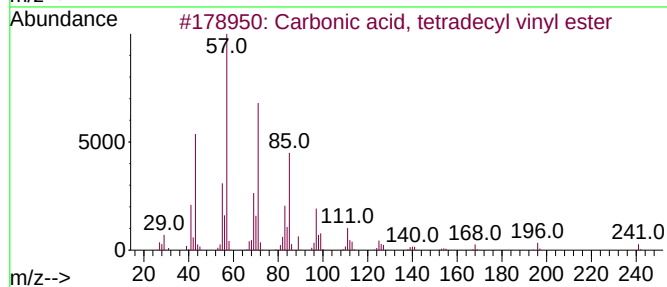
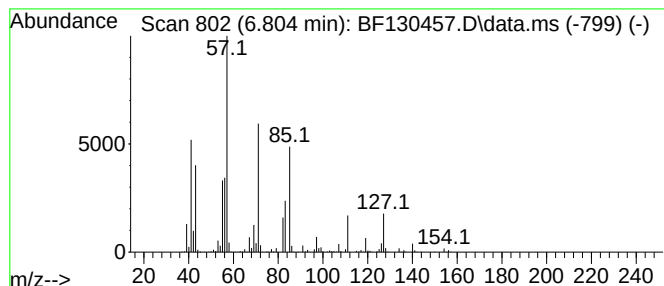
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Carbonic acid, tetradecyl v... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.804	19.00 ng	1389840	1,4-Dichlorobenzene-d4	6.651

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	64
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	53
4			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	50
5			Dodecane, 3-methyl-	184	C13H28	017312-57-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130457.D
Acq On : 28 Sep 2022 20:24
Operator : CG\JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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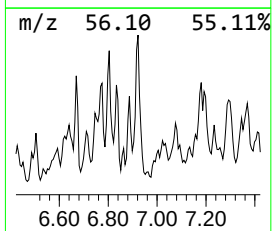
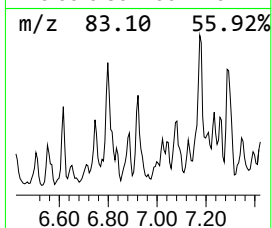
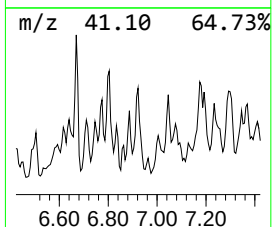
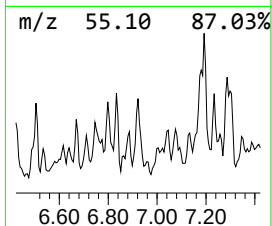
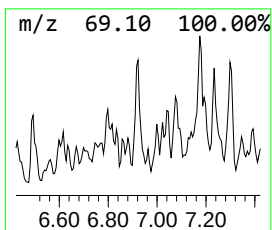
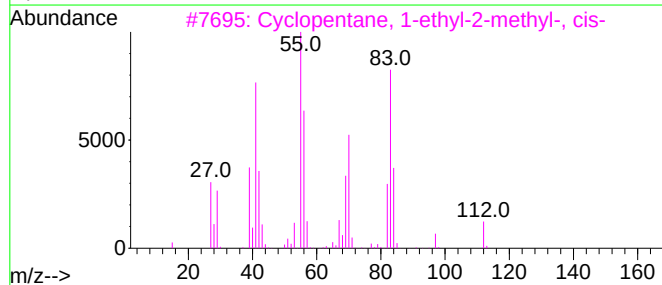
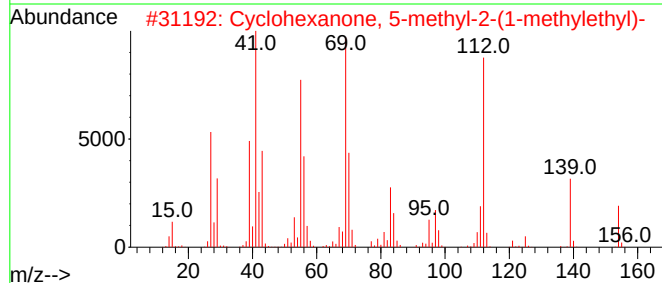
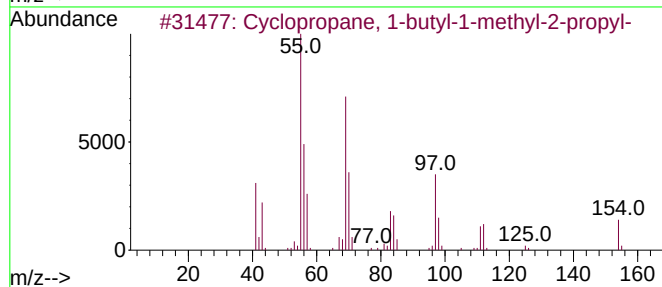
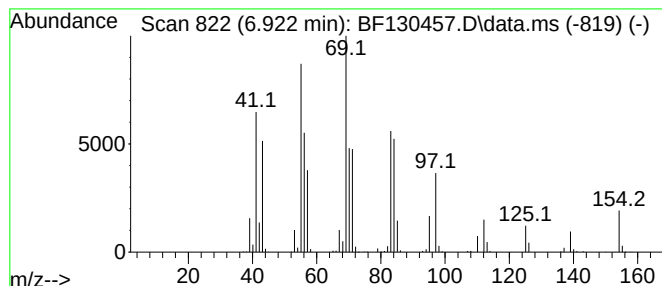
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclopropane, 1-butyl-1-met... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.922	23.64 ng	1729530	1,4-Dichlorobenzene-d4	6.651

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	52
2			Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	010458-14-7	52
3			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	38
4			3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	38
5			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
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Acq On : 28 Sep 2022 20:24
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ClientSampleId :
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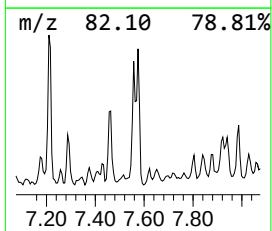
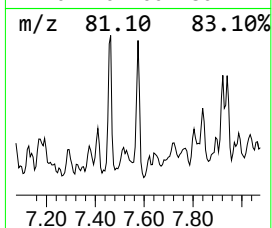
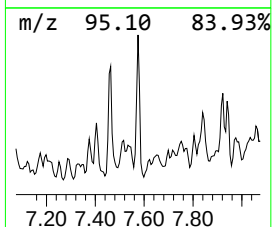
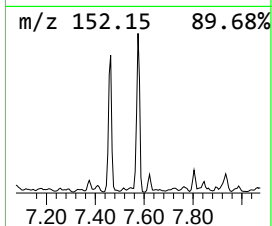
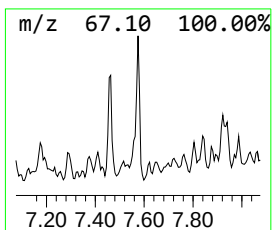
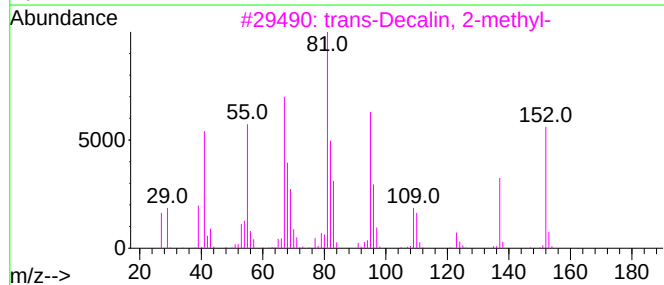
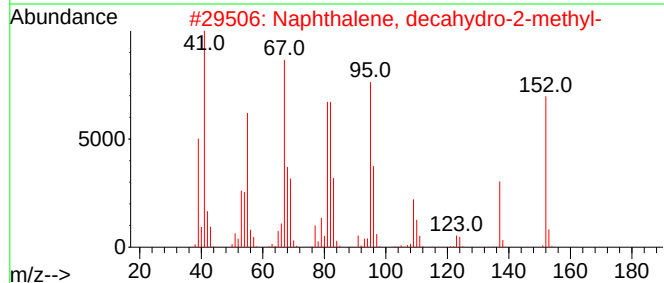
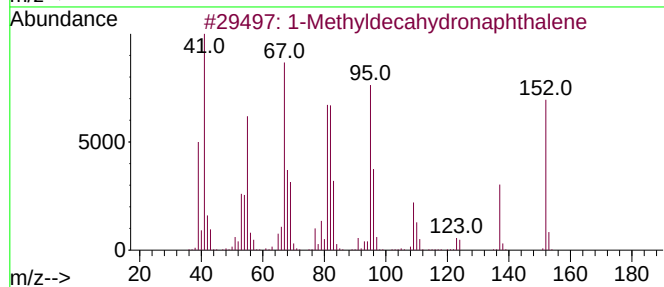
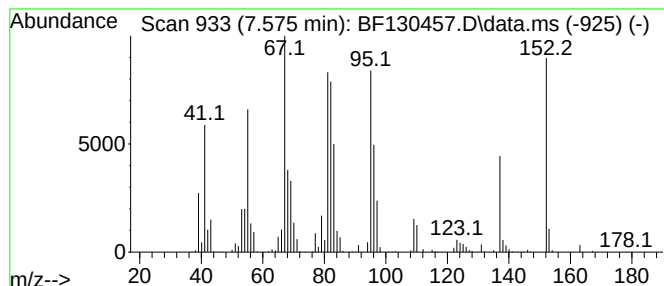
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Methyldecahydronaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.575	23.58 ng	3543860	Naphthalene-d8	7.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	89
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
4			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	76
5			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130457.D
Acq On : 28 Sep 2022 20:24
Operator : CG\JU
Sample : N4850-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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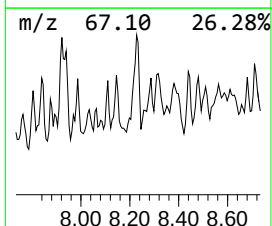
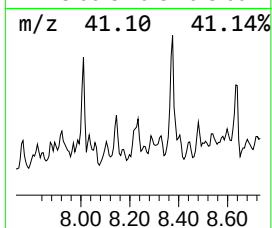
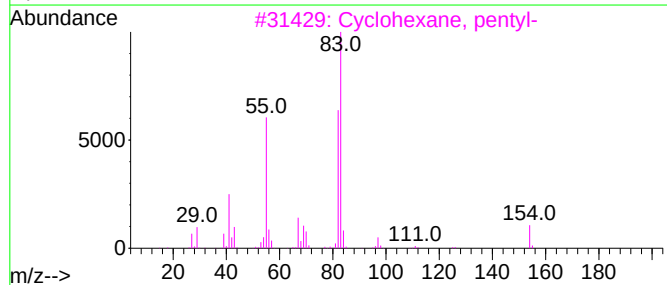
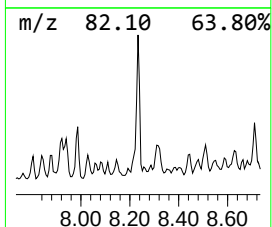
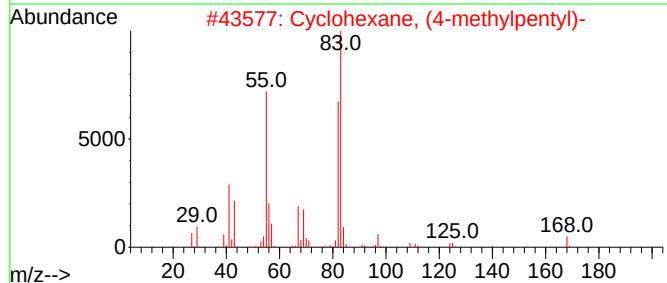
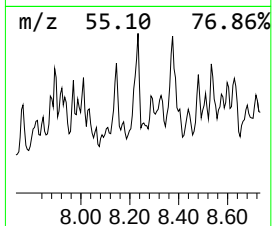
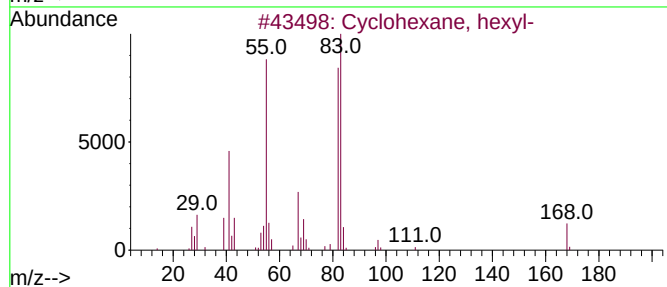
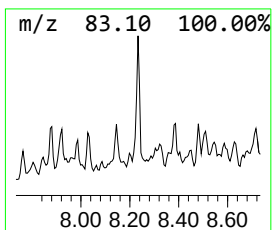
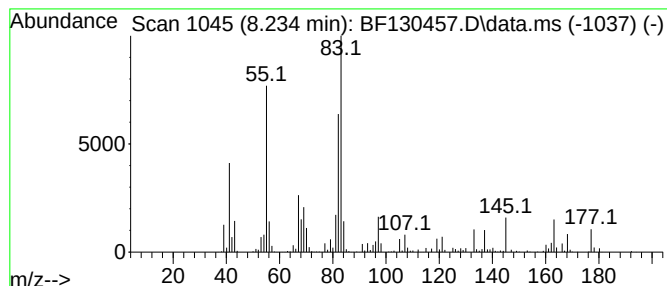
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexane, hexyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.234	19.43 ng	2920010	Naphthalene-d8	7.934

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, hexyl-	168	C12H24	004292-75-5	70
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	58
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	58
5		Heptylcyclohexane	182	C13H26	005617-41-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130457.D
Acq On : 28 Sep 2022 20:24
Operator : CG\JU
Sample : N4850-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-SP-2

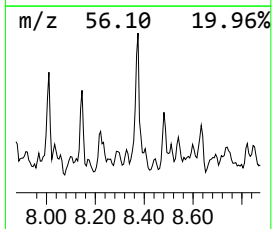
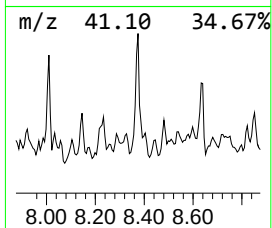
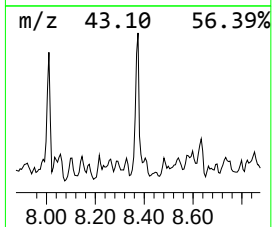
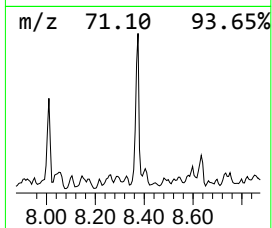
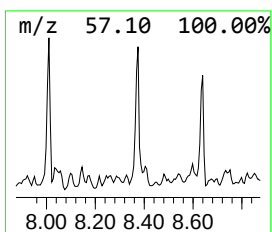
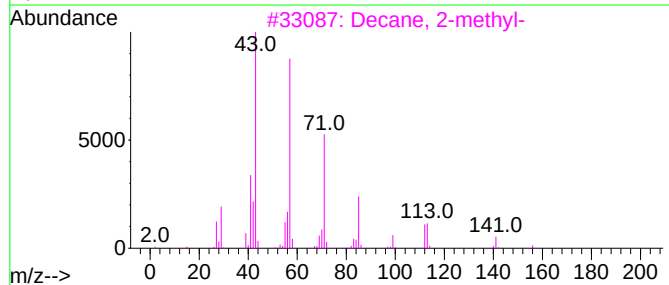
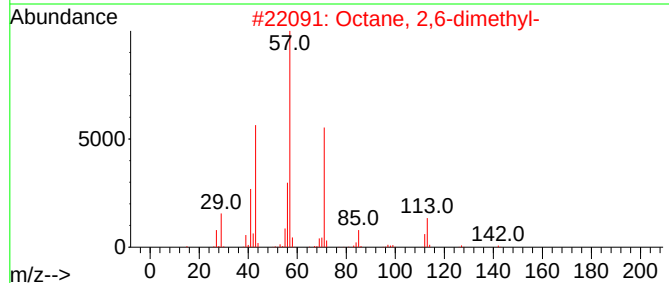
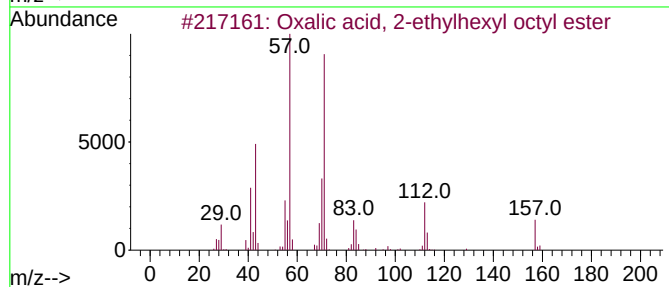
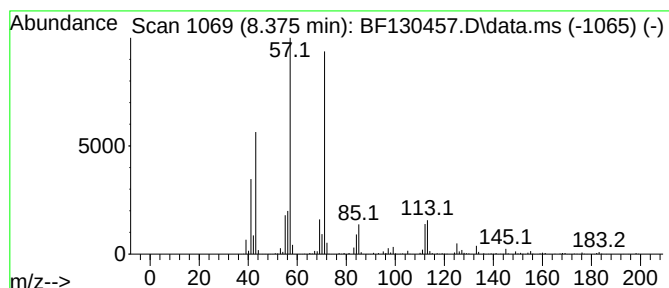
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Oxalic acid, 2-ethylhexyl o... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.375	26.90 ng	4042800	Naphthalene-d8	7.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	72
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3			Decane, 2-methyl-	156	C11H24	006975-98-0	72
4			Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	64
5			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130457.D
Acq On : 28 Sep 2022 20:24
Operator : CG\JU
Sample : N4850-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-SP-2

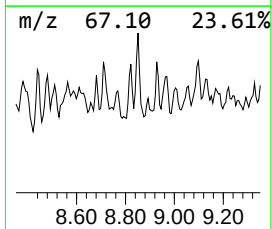
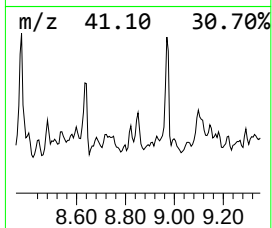
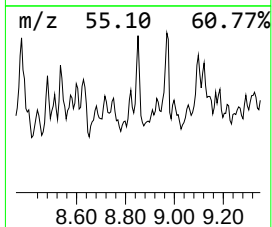
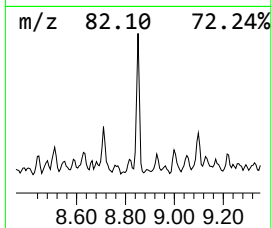
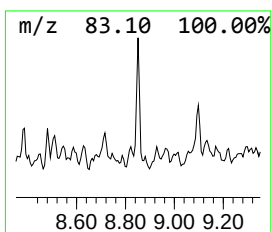
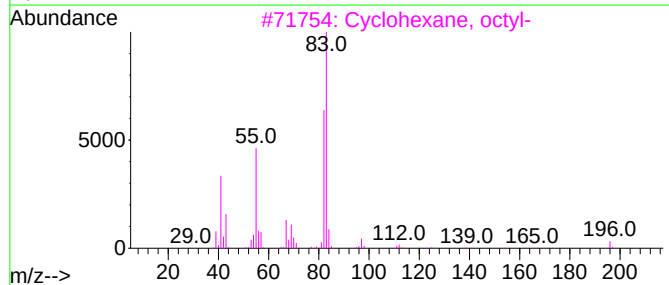
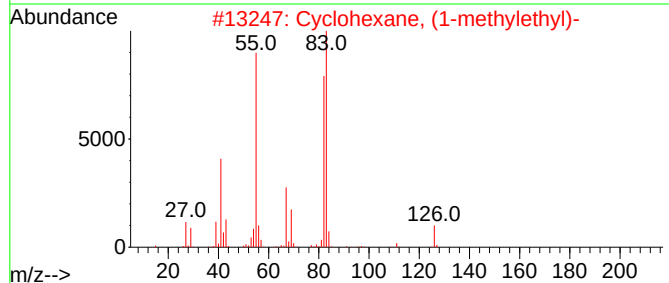
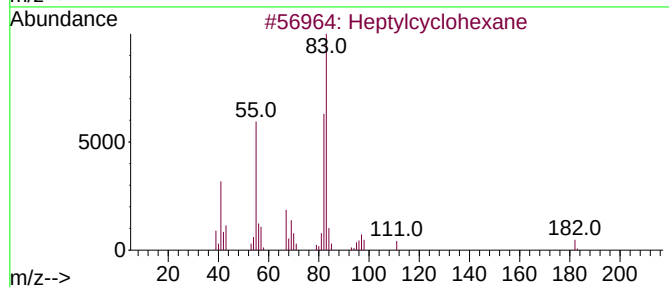
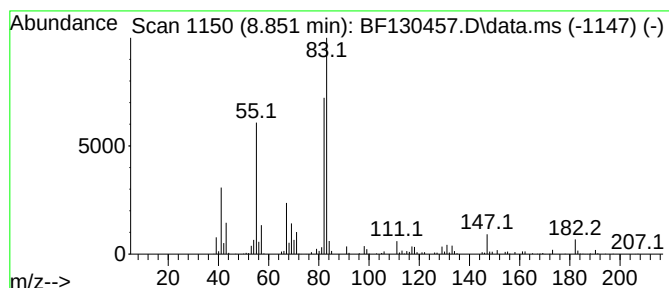
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptylcyclohexane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.851	20.12 ng	1411670	Acenaphthene-d10	9.692

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptylcyclohexane	182	C13H26	005617-41-4	72
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	53
4		(Z)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	067883-79-8	50
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130457.D
Acq On : 28 Sep 2022 20:24
Operator : CG\JU
Sample : N4850-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-SP-2

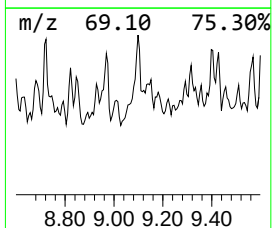
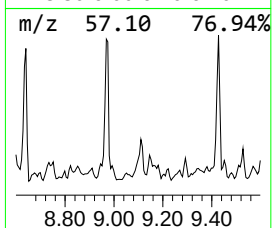
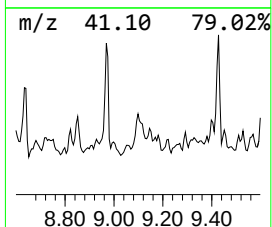
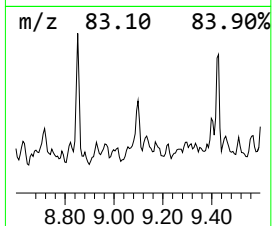
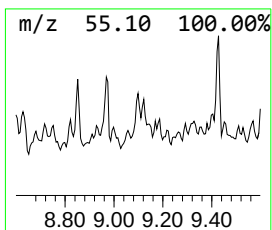
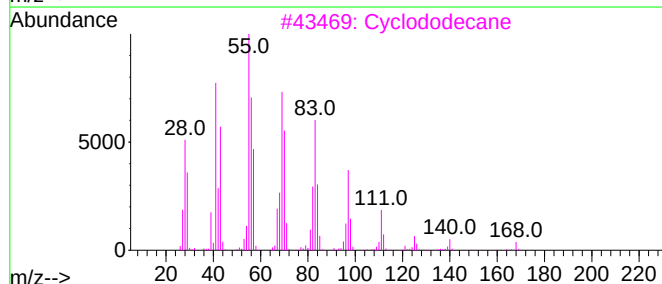
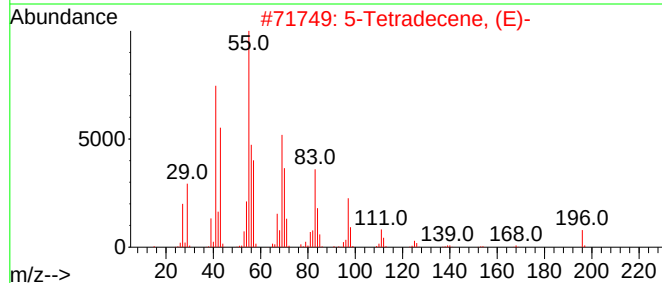
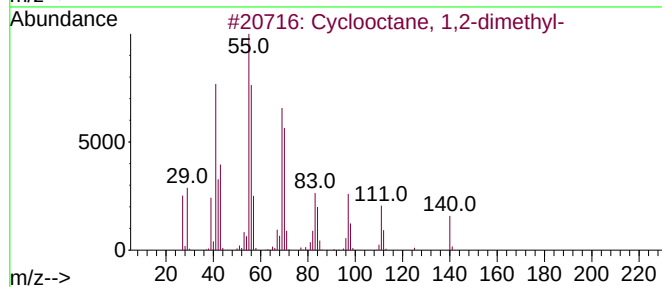
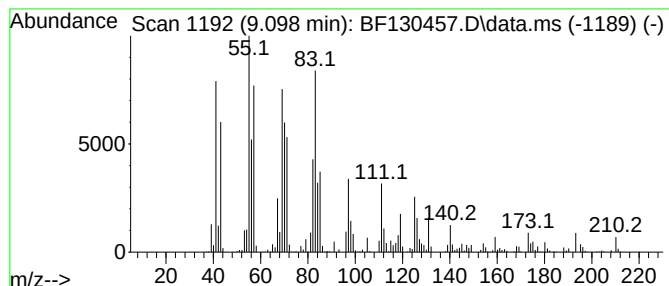
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclooctane, 1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.098	27.34 ng	1918310	Acenaphthene-d10	9.692

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	87
2		5-Tetradecene, (E)-	196	C14H28	041446-66-6	64
3		Cyclododecane	168	C12H24	000294-62-2	60
4		Pentadecafluorooctanoic acid, de...	554	C18H21F15O2	1000406-04-0	58
5		6-Tetradecene, (Z)-	196	C14H28	041446-61-1	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130457.D
Acq On : 28 Sep 2022 20:24
Operator : CG\JU
Sample : N4850-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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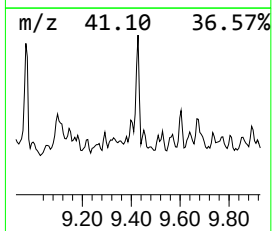
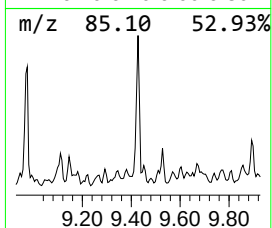
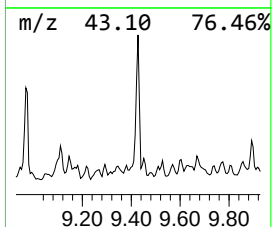
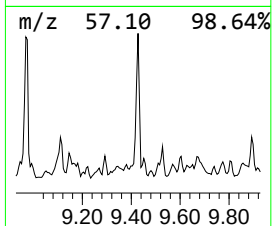
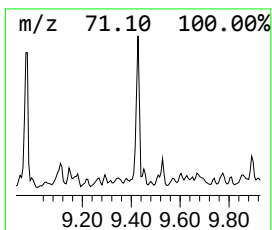
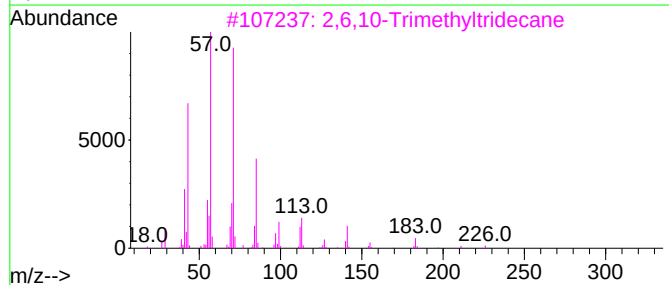
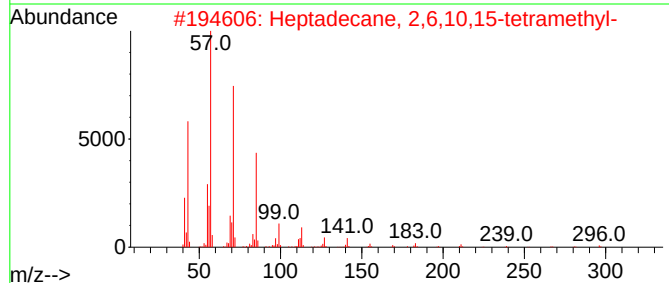
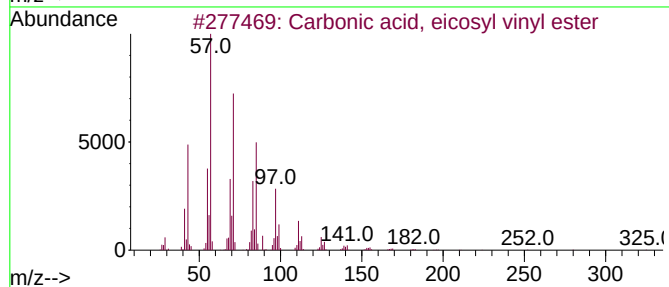
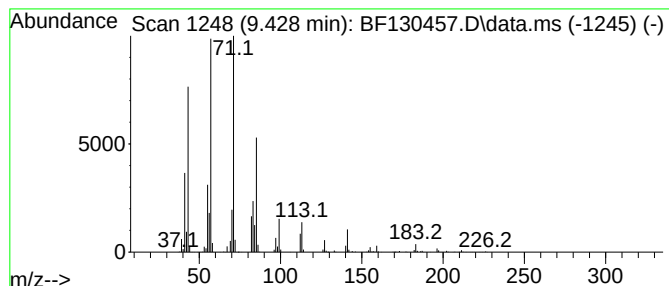
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Carbonic acid, eicosyl vinyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.428	54.21 ng	3803090	Acenaphthene-d10	9.692

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3		2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	72
4		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	72
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130457.D
Acq On : 28 Sep 2022 20:24
Operator : CG\JU
Sample : N4850-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

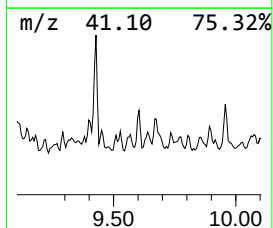
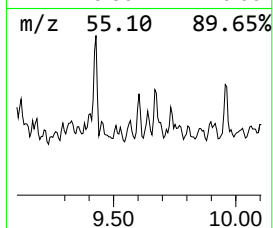
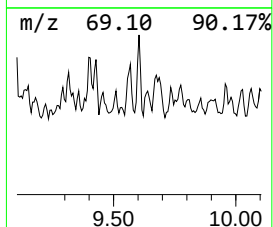
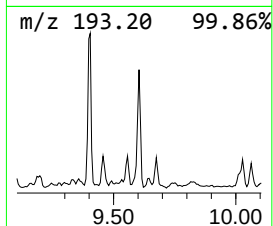
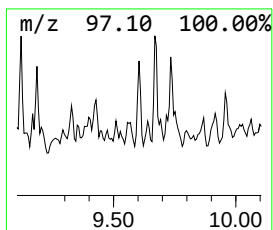
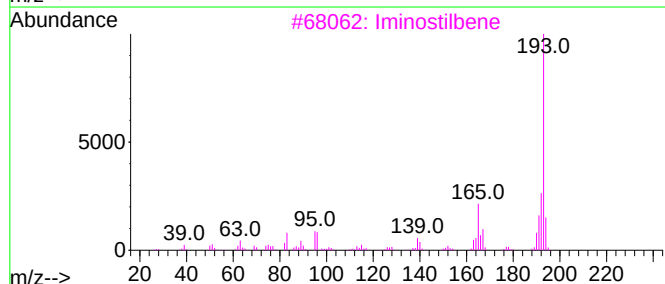
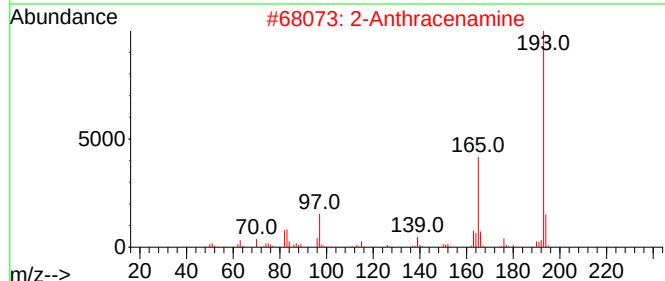
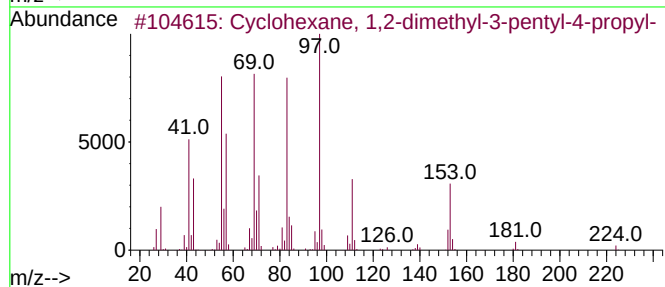
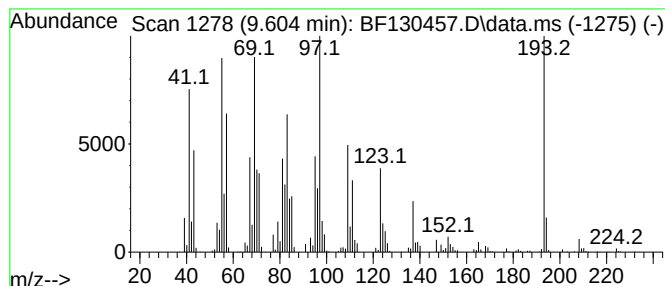
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclohexane, 1,2-dimethyl-3... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.604	20.98 ng	1471550	Acenaphthene-d10		9.692
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	55
2	2-Anthracenamine	193	C14H11N	000613-13-8	46
3	Iminostilbene	193	C14H11N	000256-96-2	20
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	18
5	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130457.D
Acq On : 28 Sep 2022 20:24
Operator : CG\JU
Sample : N4850-01 2X
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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
WC-14B-SP-2

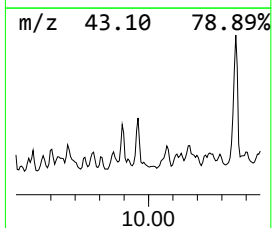
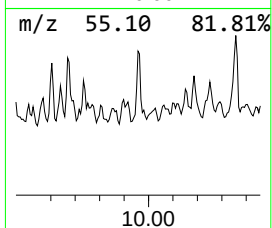
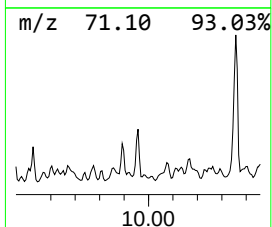
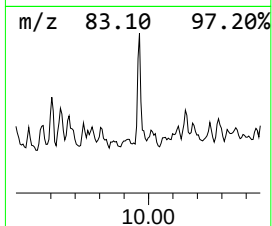
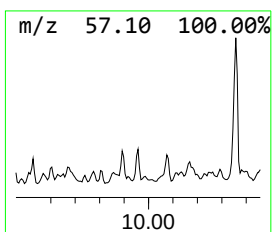
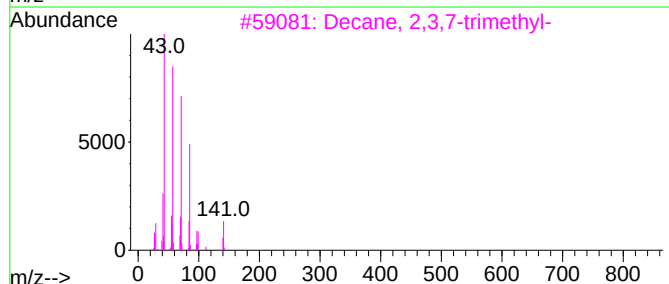
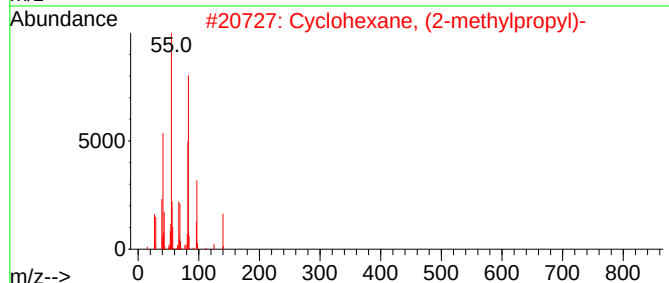
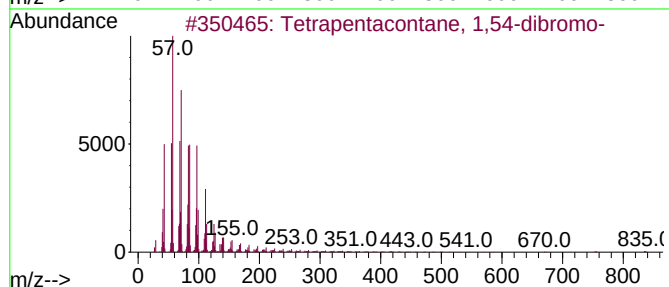
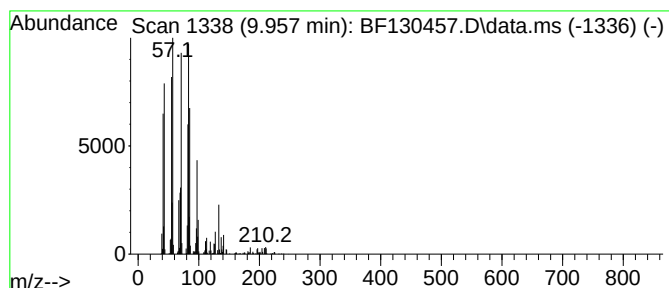
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetrapentacontane, 1,54-dib... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	26.63 ng	1868460	Acenaphthene-d10	9.692

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	53
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38
3		Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	38
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38
5		Cyclononane, 1,1,4,4,7,7-hexamet...	210	C15H30	149331-19-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130457.D
Acq On : 28 Sep 2022 20:24
Operator : CG\JU
Sample : N4850-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

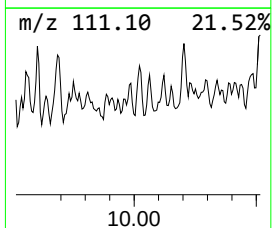
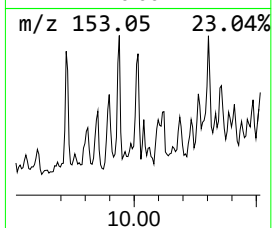
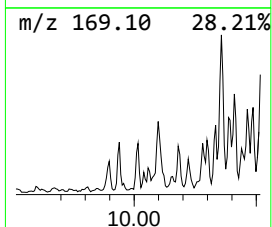
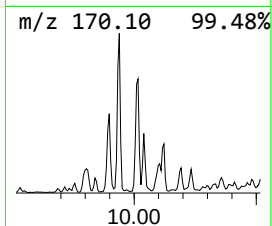
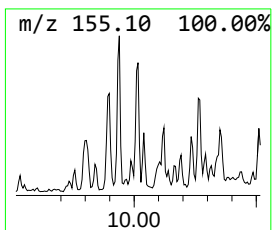
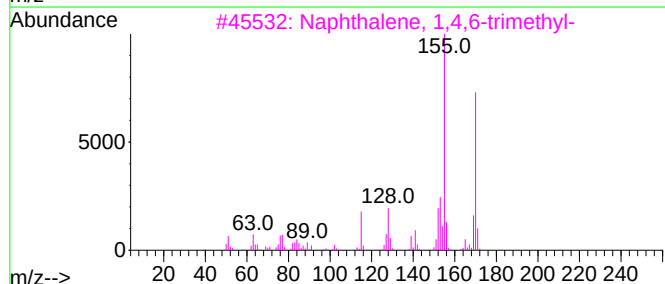
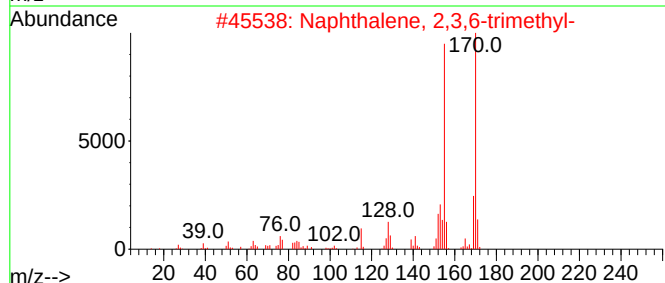
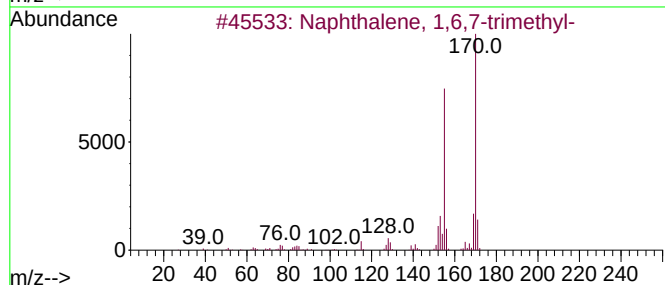
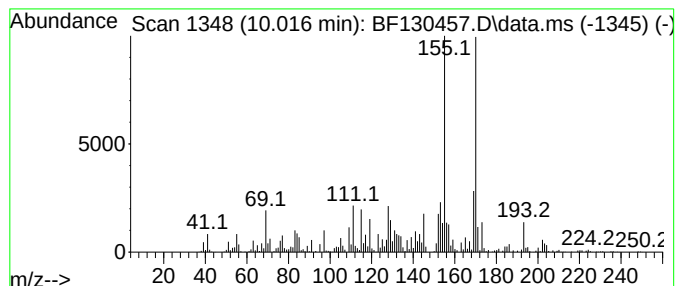
Instrument :
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ClientSampleId :
WC-14B-SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.016	19.21 ng	1347620	Acenaphthene-d10	9.692	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	89
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130457.D
Acq On : 28 Sep 2022 20:24
Operator : CG\JU
Sample : N4850-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

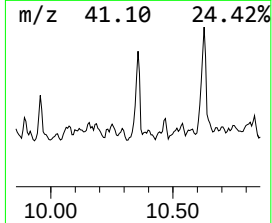
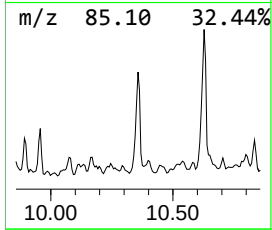
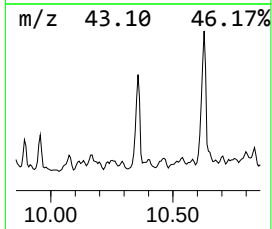
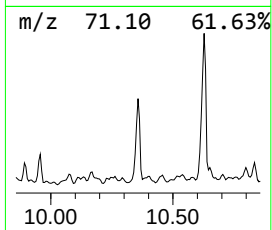
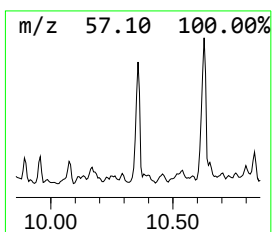
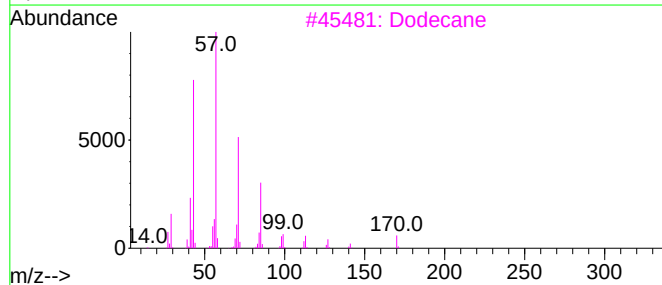
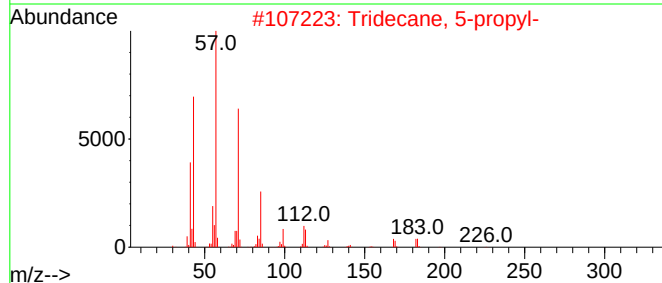
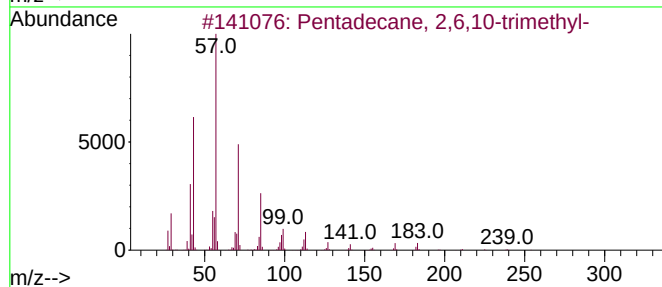
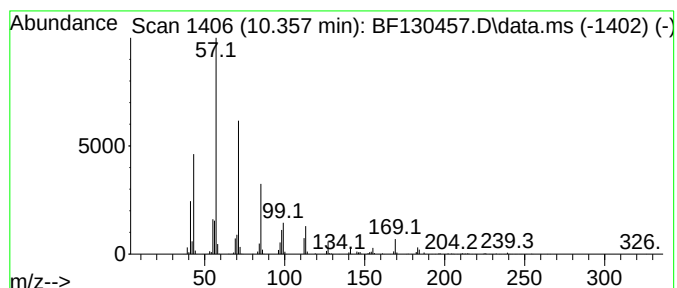
Instrument :
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ClientSampleId :
WC-14B-SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.357	56.76 ng	3982200	Acenaphthene-d10			9.692
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
3		Dodecane	170	C12H26	000112-40-3	87
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	81
5		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130457.D
Acq On : 28 Sep 2022 20:24
Operator : CG\JU
Sample : N4850-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

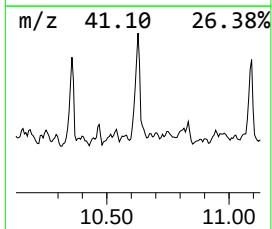
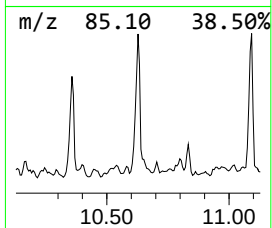
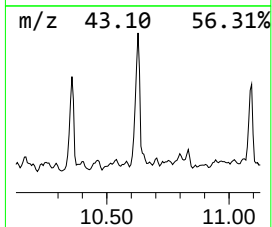
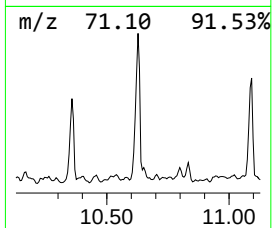
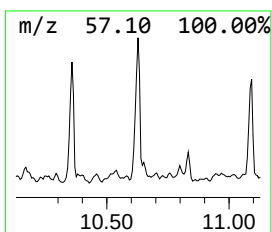
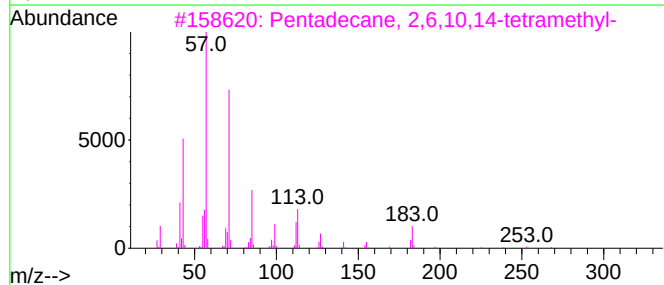
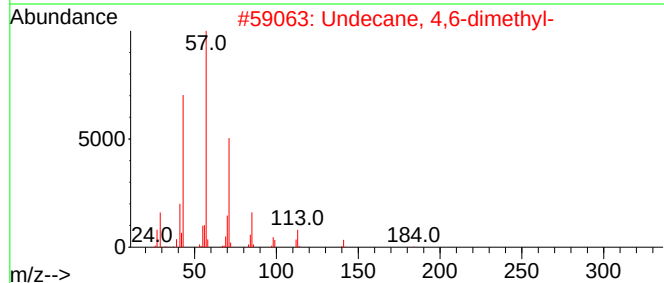
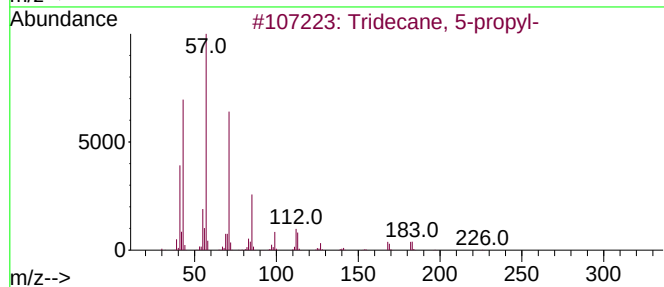
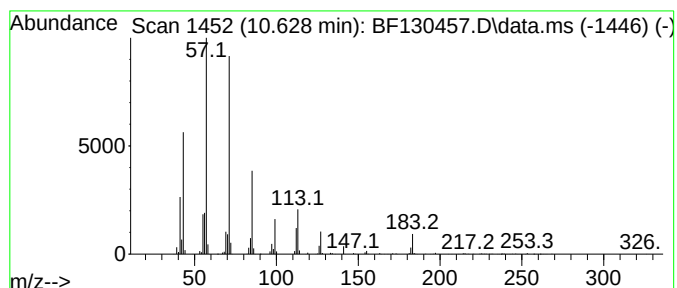
Instrument :
BNA_F
ClientSampleId :
WC-14B-SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.628	32.63 ng	7033640	Phenanthrene-d10		11.181	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-		226	C16H34	055045-11-9	81
2	Undecane, 4,6-dimethyl-		184	C13H28	017312-82-2	64
3	Pentadecane, 2,6,10,14-tetramethyl-		268	C19H40	001921-70-6	58
4	Tridecane, 4-methyl-		198	C14H30	026730-12-1	58
5	Dodecane, 4-methyl-		184	C13H28	006117-97-1	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130457.D
Acq On : 28 Sep 2022 20:24
Operator : CG\JU
Sample : N4850-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-SP-2

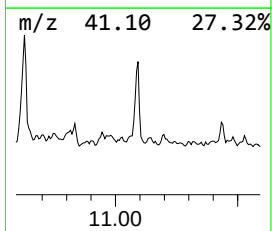
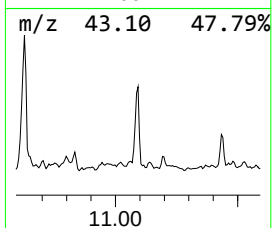
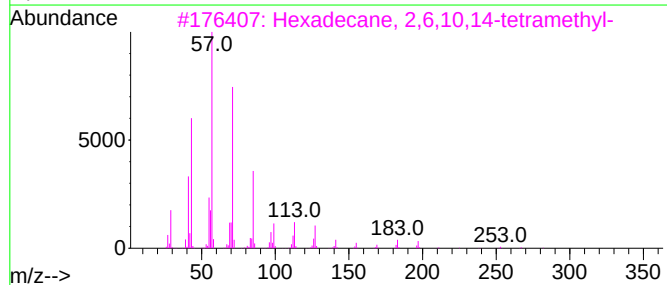
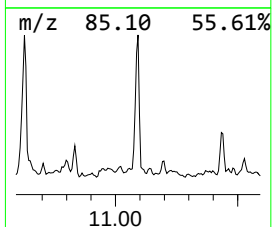
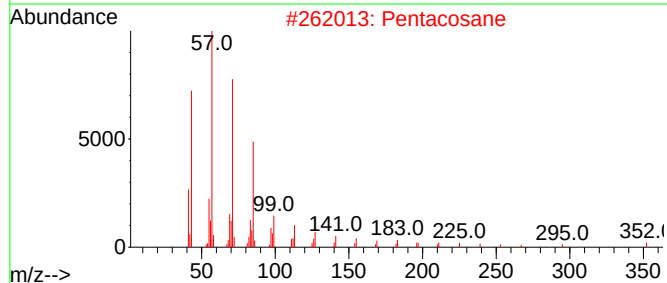
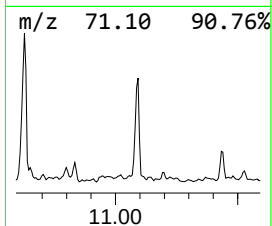
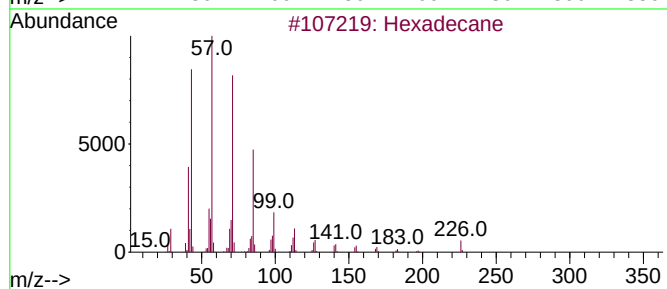
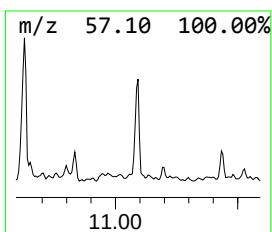
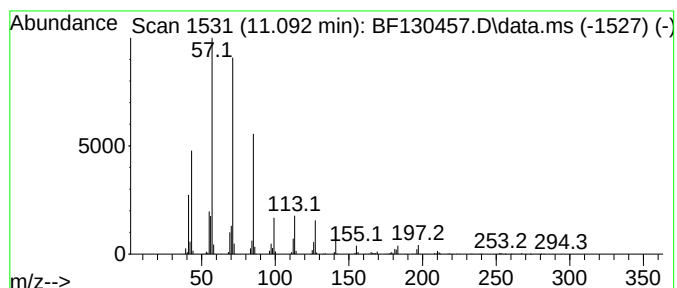
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.092	20.00 ng	4311440	Phenanthrene-d10	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	87
2			Pentacosane	352	C25H52	000629-99-2	86
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
4			Pentadecane, 4-methyl-	226	C16H34	002801-87-8	80
5			2-Bromotetradecane	276	C14H29Br	074036-95-6	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130457.D
Acq On : 28 Sep 2022 20:24
Operator : CG\JU
Sample : N4850-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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
7-Methylbicyclo...	5.793	19.8	ng	1451060	1	6.651	1463240	20.0
Nonane, 3-methyl-	5.893	28.3	ng	2070690	1	6.651	1463240	20.0
Heptane, 3-ethy...	5.951	22.2	ng	1621860	1	6.651	1463240	20.0
unknown6.081	6.081	21.6	ng	1580990	1	6.651	1463240	20.0
4-Octene, 2,6-d...	6.175	29.0	ng	2123780	1	6.651	1463240	20.0
3-Hexene, 3-eth...	6.393	30.1	ng	2203460	1	6.651	1463240	20.0
Carbonic acid, ...	6.804	19.0	ng	1389840	1	6.651	1463240	20.0
Cyclopropane, 1...	6.922	23.6	ng	1729530	1	6.651	1463240	20.0
1-Methyldecahyd...	7.575	23.6	ng	3543860	2	7.934	3006120	20.0
Cyclohexane, he...	8.234	19.4	ng	2920010	2	7.934	3006120	20.0
Oxalic acid, 2-...	8.375	26.9	ng	4042800	2	7.934	3006120	20.0
Heptylcyclohexane	8.851	20.1	ng	1411670	3	9.692	1403120	20.0
Cyclooctane, 1,...	9.098	27.3	ng	1918310	3	9.692	1403120	20.0
Carbonic acid, ...	9.428	54.2	ng	3803090	3	9.692	1403120	20.0
Cyclohexane, 1,...	9.604	21.0	ng	1471550	3	9.692	1403120	20.0
Tetrapentaconta...	9.957	26.6	ng	1868460	3	9.692	1403120	20.0
Naphthalene, 1,...	10.016	19.2	ng	1347620	3	9.692	1403120	20.0
Pentadecane, 2,...	10.357	56.8	ng	3982200	3	9.692	1403120	20.0
Tridecane, 5-pr...	10.628	32.6	ng	7033640	4	11.181	4311440	20.0
Hexadecane	11.092	20.0	ng	4311440	4	11.181	4311440	20.0