

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
 Data File : BF128721.D
 Acq On : 07 Jun 2022 17:47
 Operator : CG\JU
 Sample : N3209-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-10-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: BF128721.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.140	305	315	319	rBV2	170596	273253	12.30%	0.384%
2	4.475	363	372	381	rVB3	276857	453385	20.41%	0.637%
3	4.875	433	440	446	rVV	343936	453562	20.42%	0.637%
4	4.957	446	454	456	rVV3	298471	554774	24.98%	0.779%
5	4.981	456	458	463	rVV2	263121	274638	12.37%	0.386%
6	5.034	463	467	471	rVV	695333	767736	34.57%	1.078%
7	5.098	471	478	481	rVV3	138975	276427	12.45%	0.388%
8	5.234	495	501	504	rBV	644116	709503	31.94%	0.997%
9	5.416	529	532	538	rVV3	255557	490053	22.06%	0.688%
10	5.475	538	542	547	rVV	1974497	1994040	89.78%	2.801%
11	5.592	559	562	567	rVV4	357346	546121	24.59%	0.767%
12	5.640	567	570	573	rVV	560203	489268	22.03%	0.687%
13	5.681	573	577	579	rVV	373776	413248	18.61%	0.580%
14	5.845	599	605	609	rBV4	479690	679138	30.58%	0.954%
15	5.892	609	613	616	rBV	255836	383151	17.25%	0.538%
16	5.981	624	628	632	rVB4	717980	938676	42.26%	1.318%
17	6.075	640	644	650	rVB2	1379257	1673051	75.33%	2.350%
18	6.128	650	653	655	rVB	625901	500775	22.55%	0.703%
19	6.263	670	676	678	rBV	704328	872214	39.27%	1.225%
20	6.357	688	692	694	rBV3	684432	810150	36.48%	1.138%
21	6.487	709	714	718	rVV	2091826	2173437	97.86%	3.053%
22	6.563	723	727	732	rVV4	590636	1061683	47.80%	1.491%
23	6.598	732	733	736	rVV	347408	324302	14.60%	0.456%
24	6.663	739	744	745	rBV3	244208	368162	16.58%	0.517%
25	6.763	754	761	762	rBV5	235808	356872	16.07%	0.501%
26	6.786	762	765	767	rVV2	280738	367651	16.55%	0.516%
27	6.822	767	771	777	rVB2	708044	1262799	56.86%	1.774%
28	6.881	777	781	784	rVB2	280333	312703	14.08%	0.439%
29	6.916	784	787	789	rBV3	239652	286509	12.90%	0.402%
30	6.939	789	791	793	rVV	319708	264979	11.93%	0.372%
31	6.969	793	796	800	rVV	1112998	1095081	49.30%	1.538%
32	7.051	808	810	812	rBV2	282432	263877	11.88%	0.371%
33	7.098	815	818	821	rVB2	471589	547857	24.67%	0.770%
34	7.145	821	826	828	rBV2	227823	300196	13.52%	0.422%
35	7.222	835	839	841	rBV	566479	522845	23.54%	0.734%
36	7.245	841	843	849	rVB3	193236	276611	12.45%	0.389%

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

37	7.363	855	863	865	rBV2	1177887	1572189	70.79%	2.208%
38	7.392	865	868	872	rVV3	1327210	1532136	68.98%	2.152%
39	7.469	876	881	884	rVB4	636761	952489	42.88%	1.338%
40	7.516	884	889	895	rBV5	304461	749623	33.75%	1.053%
41	7.598	901	903	906	rVV2	445903	473324	21.31%	0.665%
42	7.634	906	909	911	rVB	558071	510996	23.01%	0.718%
43	7.728	918	925	927	rBV2	812794	1160685	52.26%	1.630%
44	7.751	927	929	932	rVB3	614474	572888	25.79%	0.805%
45	7.792	932	936	938	rVB3	278985	394409	17.76%	0.554%
46	7.851	943	946	956	rVB	1030208	1292650	58.20%	1.816%
47	7.928	956	959	964	rBV4	340053	396702	17.86%	0.557%
48	7.981	964	968	971	rBV2	368040	453403	20.41%	0.637%
49	8.063	976	982	984	rBV3	447164	762432	34.33%	1.071%
50	8.110	984	990	992	rVV2	920777	1535262	69.12%	2.156%
51	8.133	992	994	996	rVV2	352591	377837	17.01%	0.531%
52	8.169	996	1000	1003	rVB2	1140143	1259045	56.69%	1.768%
53	8.198	1003	1005	1008	rBV2	512729	433277	19.51%	0.609%
54	8.263	1013	1016	1018	rBV3	349712	348862	15.71%	0.490%
55	8.316	1022	1025	1027	rVB2	364364	367381	16.54%	0.516%
56	8.404	1032	1040	1044	rBV6	1042347	1609429	72.46%	2.261%
57	8.457	1046	1049	1052	rVB3	295437	256971	11.57%	0.361%
58	8.492	1052	1055	1058	rVB3	411974	423494	19.07%	0.595%
59	8.533	1058	1062	1064	rBV	1751955	1539033	69.29%	2.162%
60	8.575	1067	1069	1071	rVB3	376953	313879	14.13%	0.441%
61	8.616	1073	1076	1078	rVB2	480947	365756	16.47%	0.514%
62	8.651	1078	1082	1084	rBV4	310111	386600	17.41%	0.543%
63	8.698	1088	1090	1094	rBV3	344653	459577	20.69%	0.646%
64	8.769	1099	1102	1104	rVV3	290938	333981	15.04%	0.469%
65	8.798	1104	1107	1110	rVB3	564118	571403	25.73%	0.803%
66	8.886	1119	1122	1125	rBV4	253750	388514	17.49%	0.546%
67	8.922	1125	1128	1132	rVB3	585232	651194	29.32%	0.915%
68	8.986	1137	1139	1141	rBV2	333602	340304	15.32%	0.478%
69	9.016	1142	1144	1148	rVB	658665	744935	33.54%	1.046%
70	9.133	1161	1164	1169	rVB	1749983	1420815	63.97%	1.996%
71	9.186	1169	1173	1176	rBV	2330113	1836278	82.68%	2.579%
72	9.275	1183	1188	1192	rBV4	434150	733000	33.00%	1.030%
73	9.380	1204	1206	1210	rVB3	379573	413387	18.61%	0.581%
74	9.457	1215	1219	1222	rVB	664242	718167	32.33%	1.009%
75	9.522	1228	1230	1233	rVV	773245	825669	37.17%	1.160%
76	9.551	1233	1235	1237	rVV2	633416	520760	23.45%	0.731%

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77	9.592	1237	1242	1244	rVB	1861765	1938578	87.28%	2.723%
78	9.645	1248	1251	1253	rBV	319770	299985	13.51%	0.421%
79	9.727	1263	1265	1269	rBV3	258383	306427	13.80%	0.430%
80	9.775	1269	1273	1275	rBV3	365410	395556	17.81%	0.556%
81	9.839	1281	1284	1286	rBV3	430007	548520	24.70%	0.770%
82	9.863	1286	1288	1291	rVB	714072	670634	30.19%	0.942%
83	9.969	1304	1306	1311	rVB	379604	420726	18.94%	0.591%
84	10.022	1311	1315	1319	rBV4	229856	480438	21.63%	0.675%
85	10.057	1319	1321	1327	rVV3	472597	660822	29.75%	0.928%
86	10.122	1327	1332	1339	rVB5	554885	1055537	47.52%	1.483%
87	10.186	1340	1343	1345	rBV2	339791	339552	15.29%	0.477%
88	10.233	1349	1351	1355	rVB2	262777	288342	12.98%	0.405%
89	10.275	1355	1358	1360	rBV3	337767	376616	16.96%	0.529%
90	10.351	1369	1371	1377	rVB4	284143	364310	16.40%	0.512%
91	10.522	1394	1400	1403	rBV	1461113	1700629	76.57%	2.389%
92	10.657	1421	1423	1426	rVB	1049919	891956	40.16%	1.253%
93	10.786	1440	1445	1448	rBV	2019326	2221039	100.00%	3.120%
94	11.251	1521	1524	1530	rVB	1337677	1400026	63.03%	1.966%
95	11.357	1539	1542	1544	rBV	733558	663457	29.87%	0.932%
96	11.598	1581	1583	1586	rVB	308672	275614	12.41%	0.387%
97	12.610	1753	1755	1758	rBV	304958	267870	12.06%	0.376%
98	12.945	1808	1812	1815	rBV	1787812	1553790	69.96%	2.182%
99	14.004	1989	1992	1994	rBV	372787	332983	14.99%	0.468%
100	15.480	2239	2243	2246	rBV	322212	404650	18.22%	0.568%

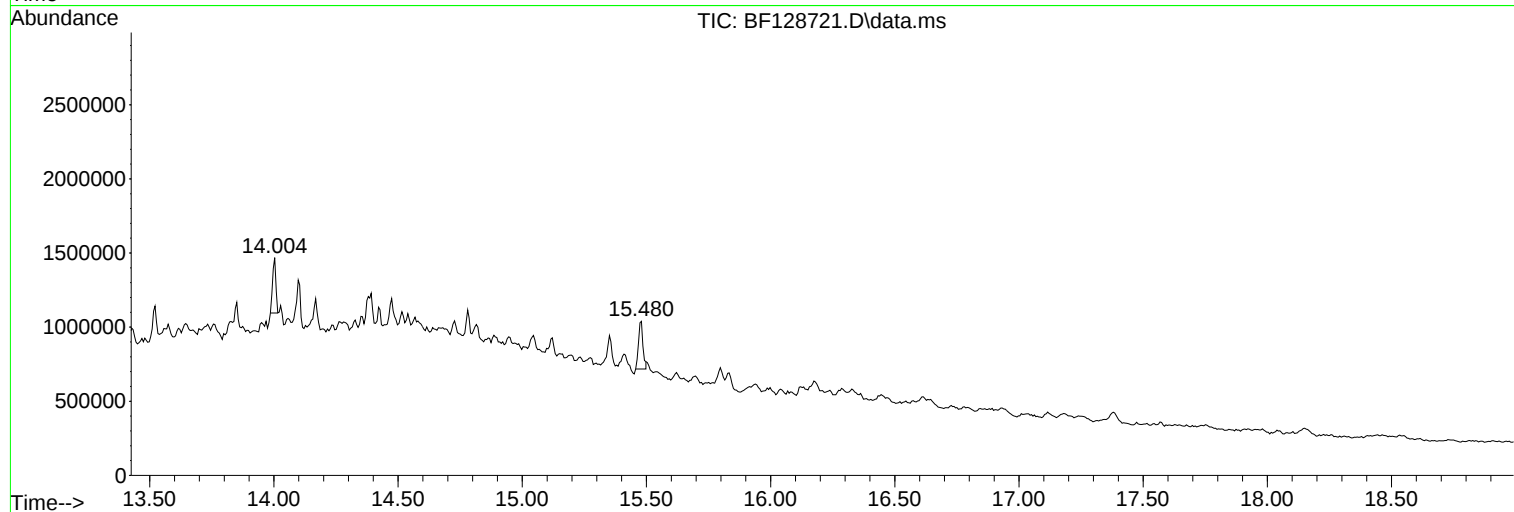
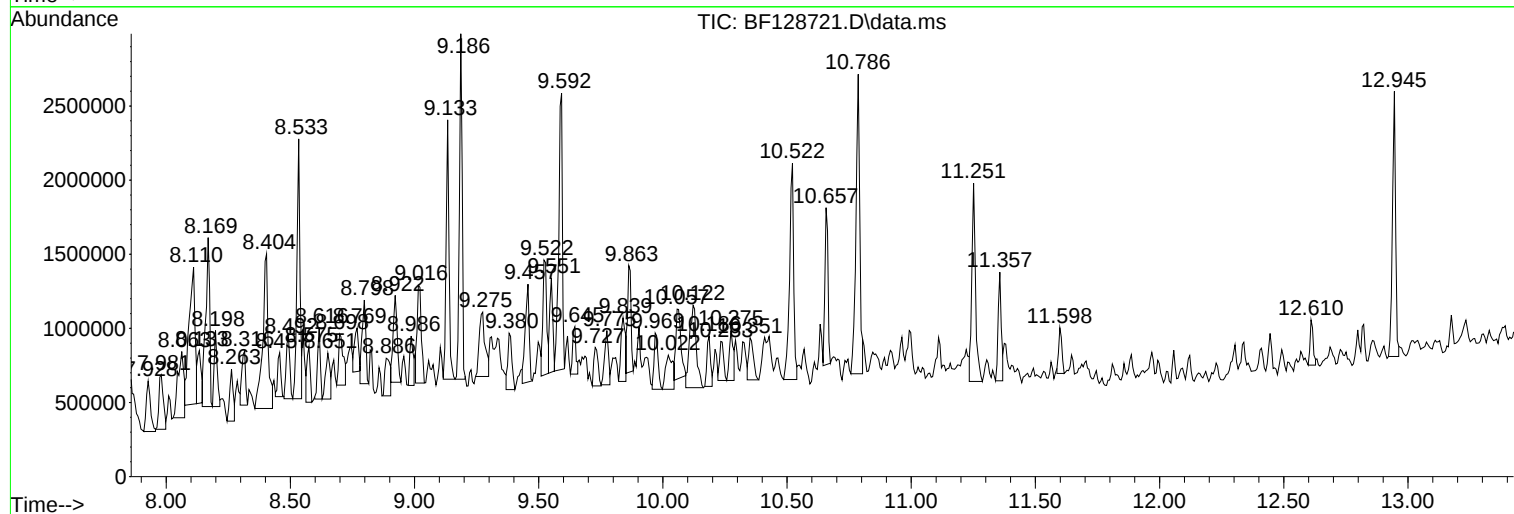
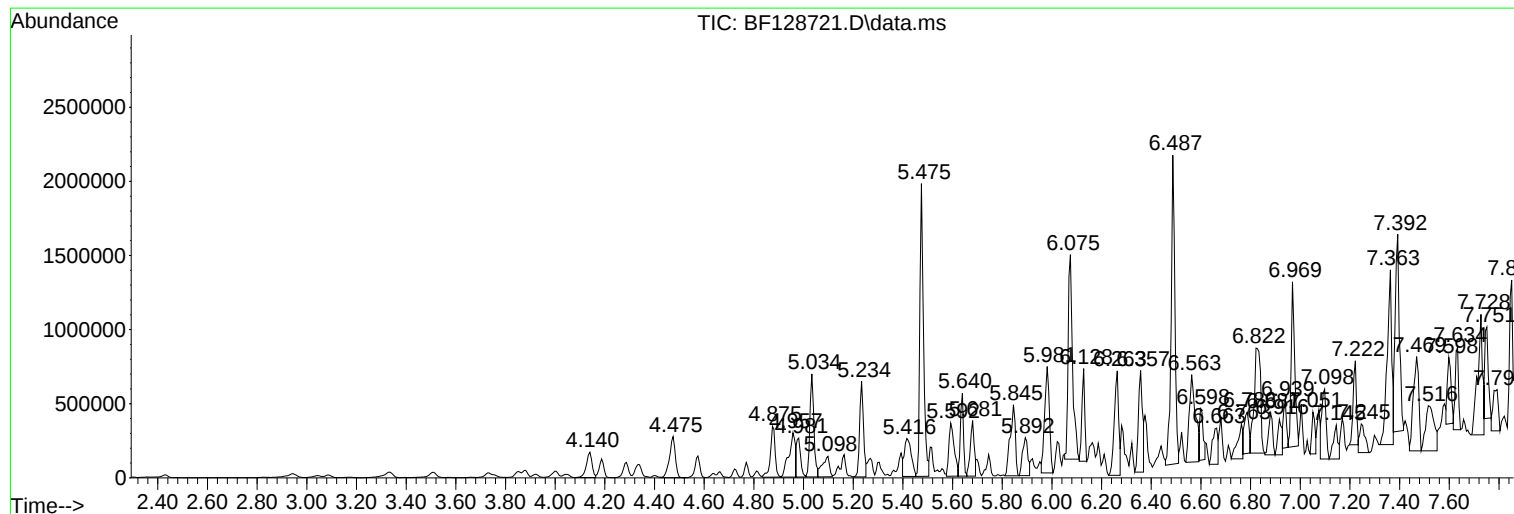
Sum of corrected areas: 71195520

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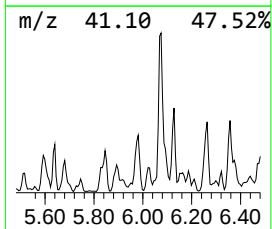
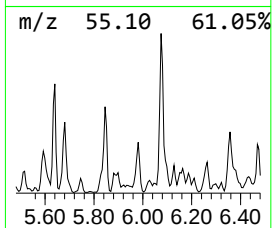
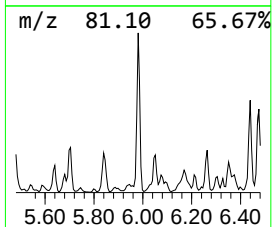
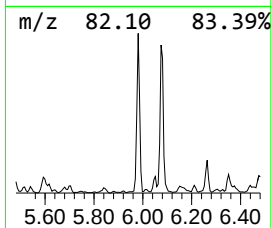
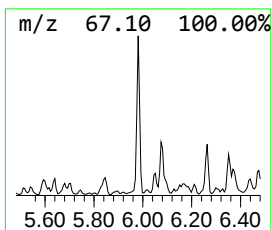
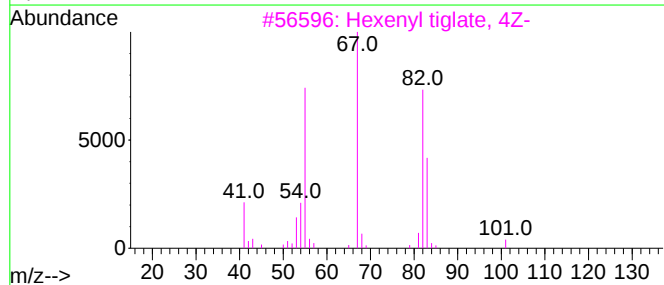
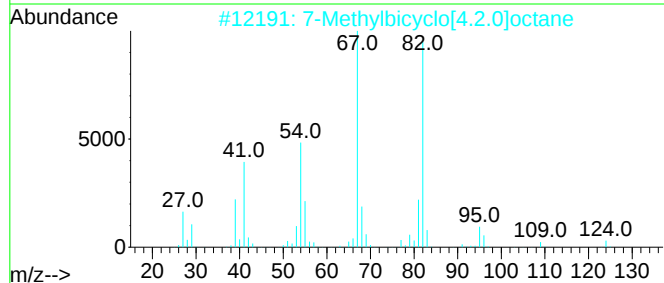
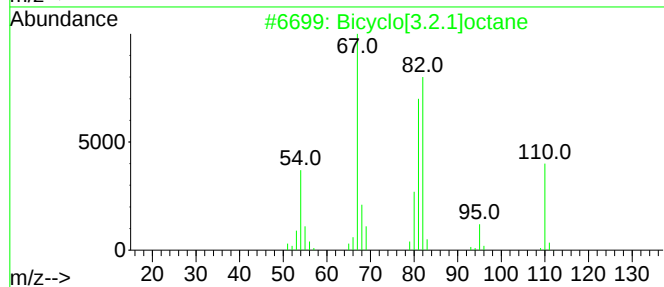
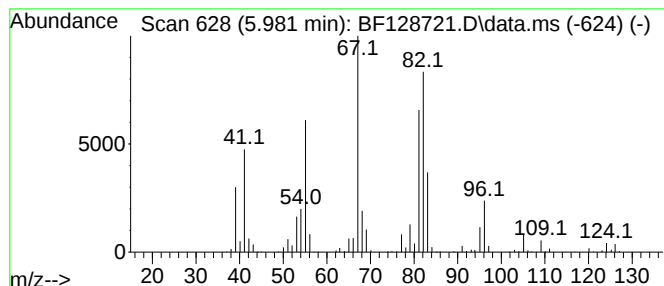
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Bicyclo[3.2.1]octane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.981	14.87 ng	938676	1,4-Dichlorobenzene-d4	6.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	74
2			7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	64
3			Hexenyl tiglate, 4Z-	182	C11H18O2	1000383-63-6	59
4			C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	58
5			Hexenyl angelate, 4z-	182	C11H18O2	1000383-63-7	53



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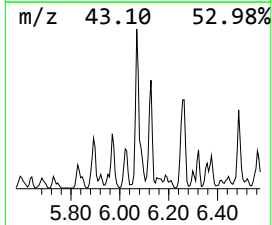
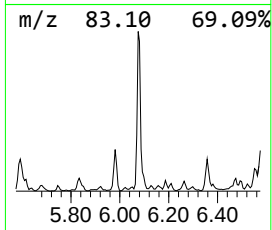
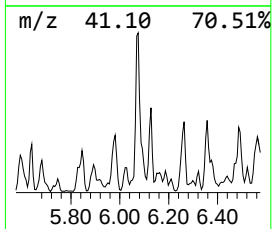
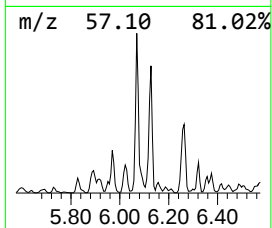
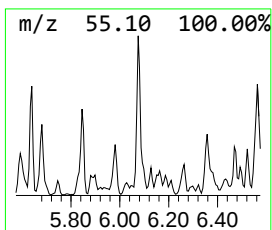
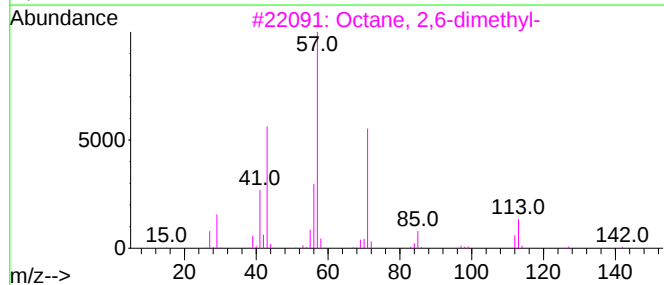
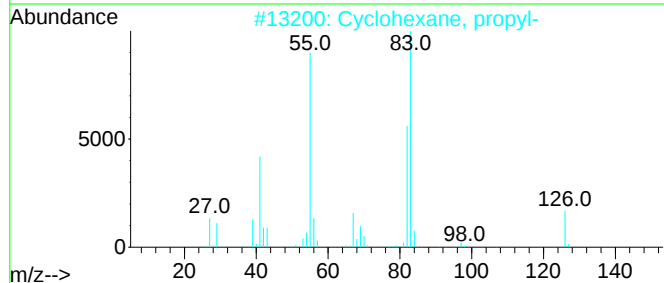
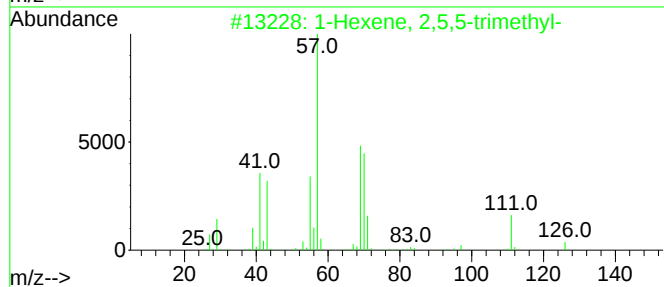
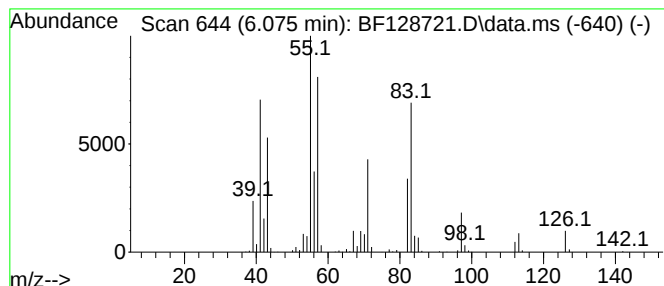
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.075 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.075	26.50 ng	1673050	1,4-Dichlorobenzene-d4	6.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 2,5,5-trimethyl-		126	C9H18		062185-56-2	43
2	Cyclohexane, propyl-		126	C9H18		001678-92-8	41
3	Octane, 2,6-dimethyl-		142	C10H22		002051-30-1	38
4	Nonane, 3-methyl-		142	C10H22		005911-04-6	38
5	Cyclohexane, ethyl-		112	C8H16		001678-91-7	35



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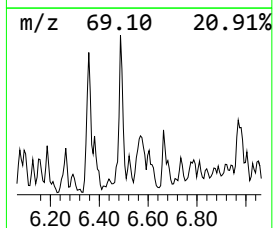
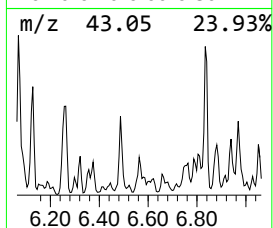
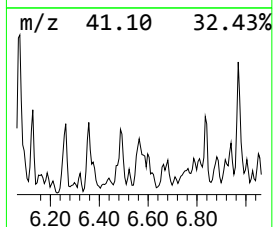
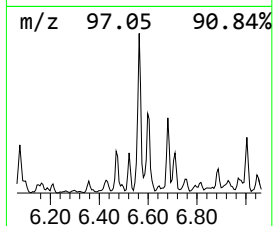
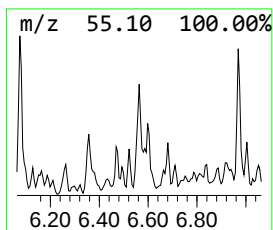
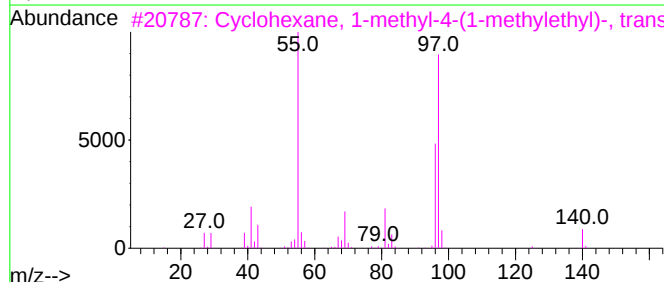
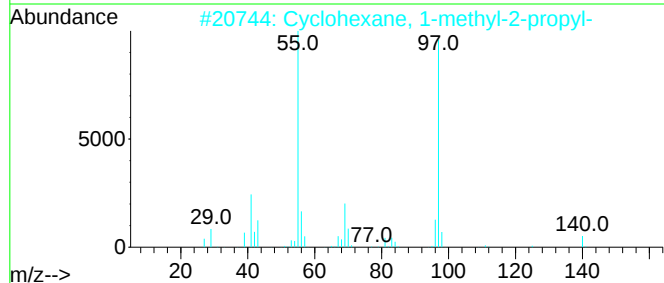
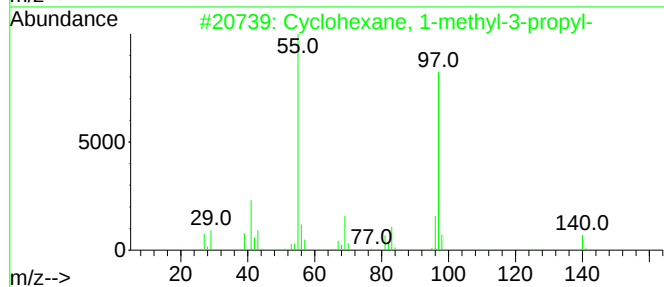
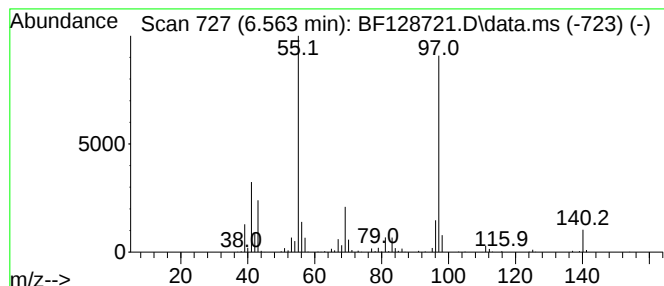
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Cyclohexane, 1-methyl-3-pro... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.563	16.81 ng	1061680	1,4-Dichlorobenzene-d4	6.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	90
2			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	87
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	87
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	83
5			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128721.D
Acq On : 07 Jun 2022 17:47
Operator : CG\JU
Sample : N3209-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

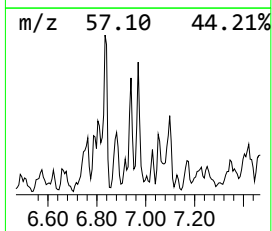
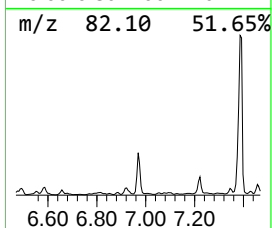
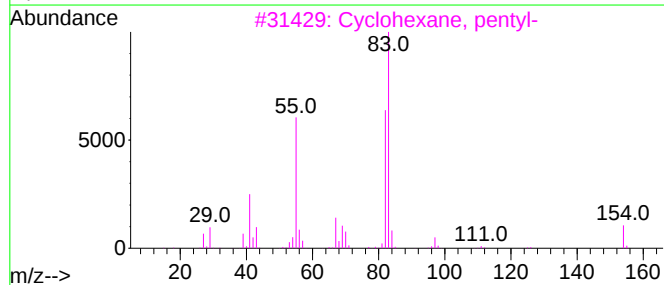
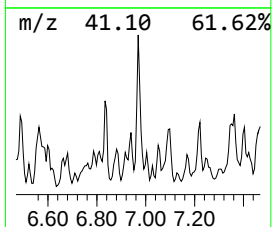
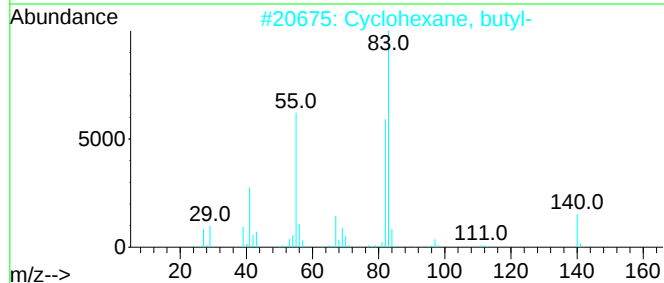
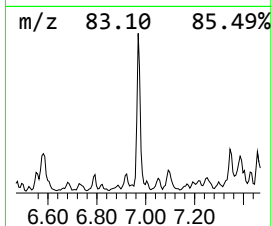
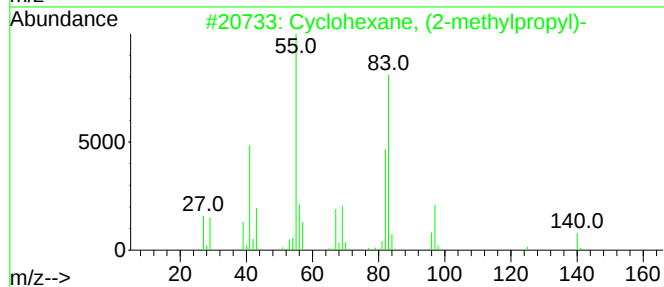
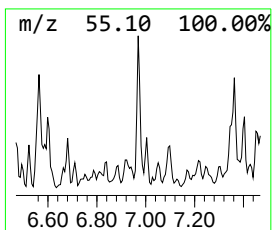
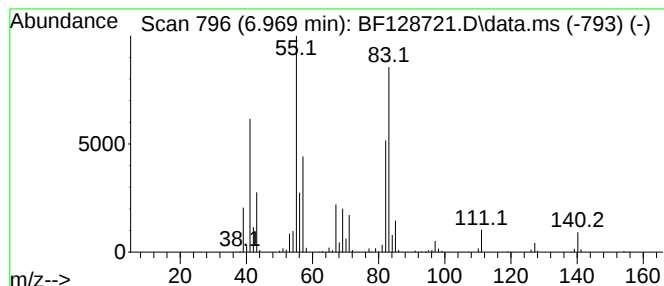
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, (2-methylpropyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
6.969	17.34 ng	1095080	1,4-Dichlorobenzene-d4			6.822
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-		140	C10H20	001678-98-4	80
2	Cyclohexane, butyl-		140	C10H20	001678-93-9	74
3	Cyclohexane, pentyl-		154	C11H22	004292-92-6	64
4	Cyclohexane, 2-propenyl-		124	C9H16	002114-42-3	59
5	Cyclohexane, propyl-		126	C9H18	001678-92-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128721.D
Acq On : 07 Jun 2022 17:47
Operator : CG\JU
Sample : N3209-09
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ALS Vial : 12 Sample Multiplier: 1

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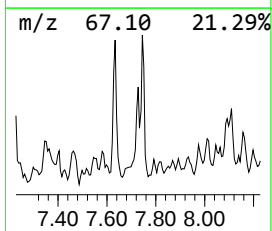
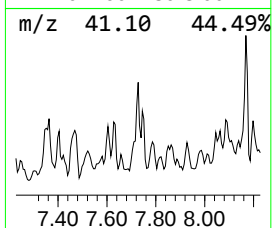
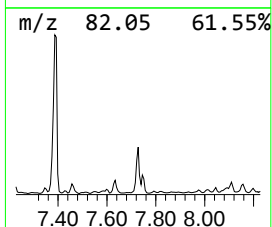
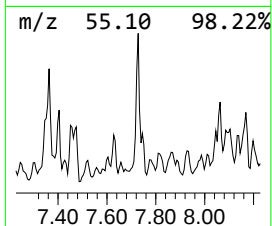
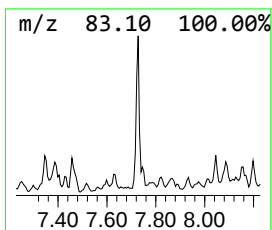
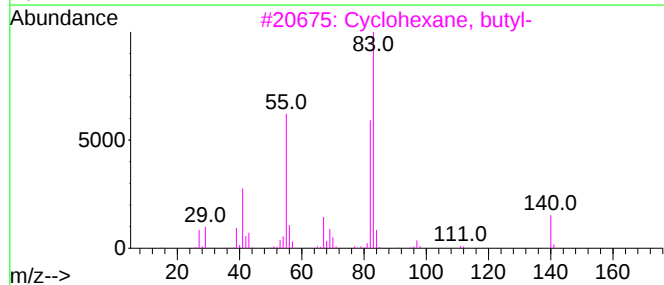
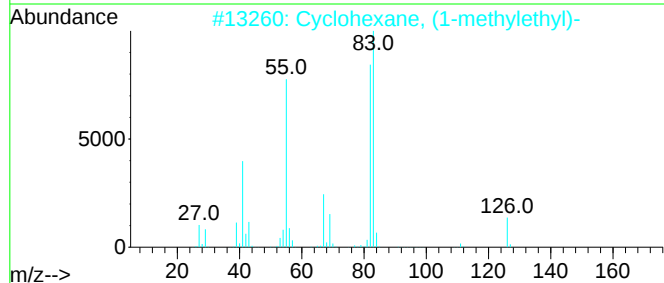
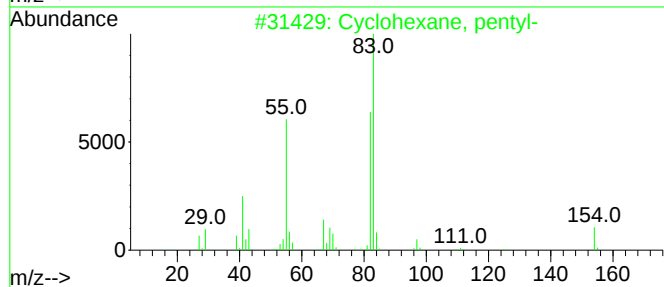
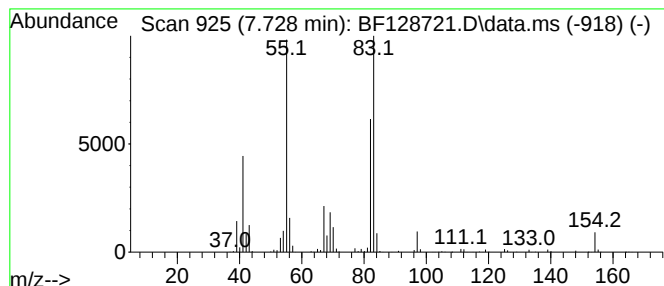
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, pentyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.728	15.12 ng	1160690	Naphthalene-d8	8.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	91
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	78
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	78
5			Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128721.D
Acq On : 07 Jun 2022 17:47
Operator : CG\JU
Sample : N3209-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

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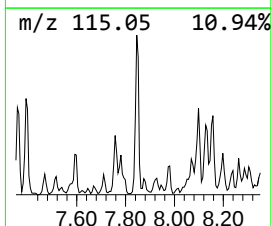
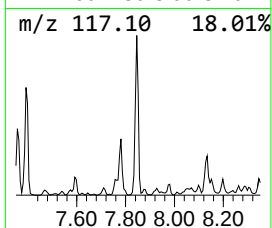
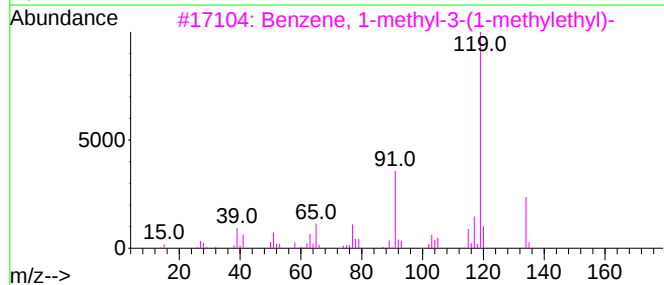
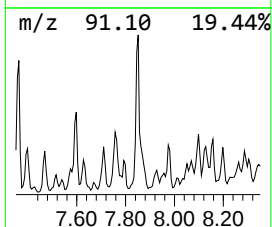
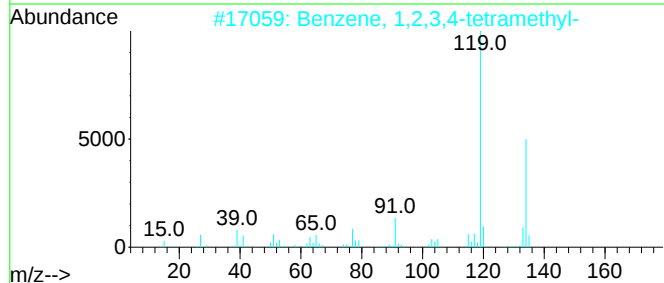
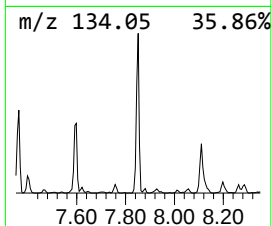
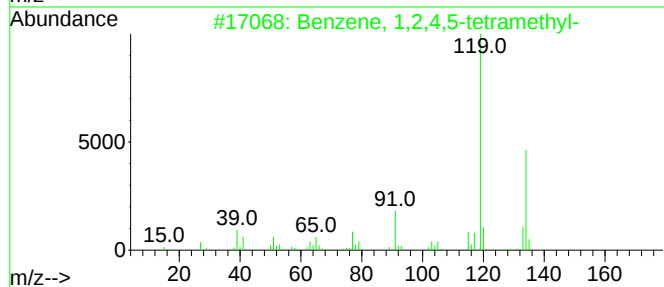
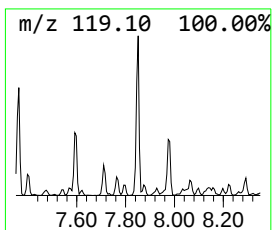
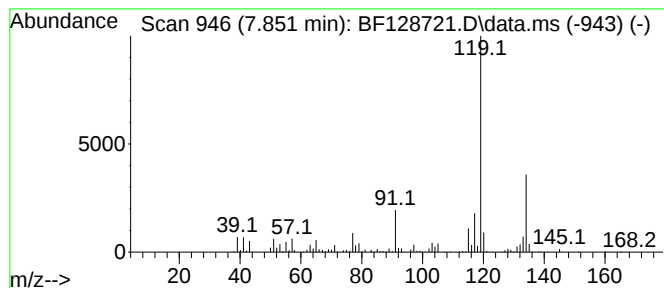
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.851	16.84 ng	1292650	Naphthalene-d8	8.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
4			p-Cymene	134	C10H14	000099-87-6	90
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128721.D
Acq On : 07 Jun 2022 17:47
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Misc :
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Instrument :
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ClientSampleId :
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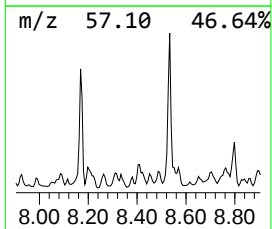
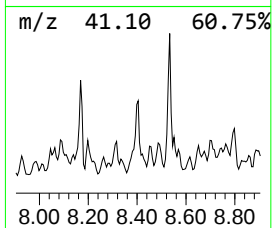
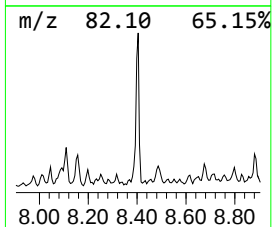
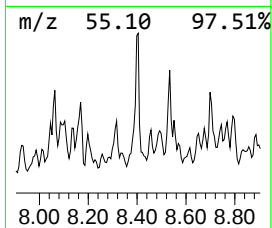
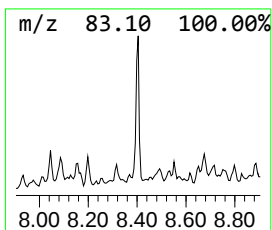
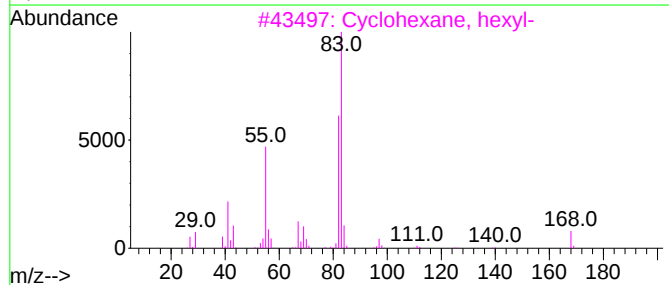
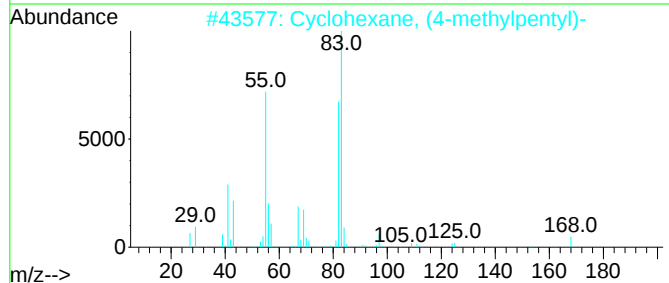
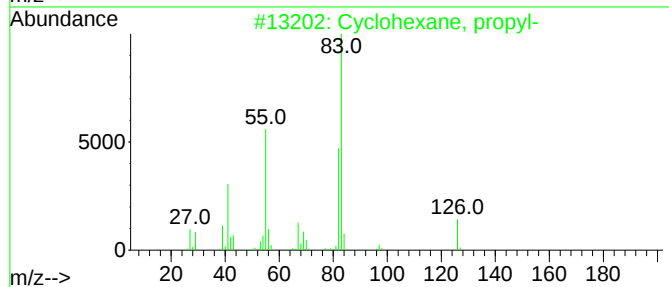
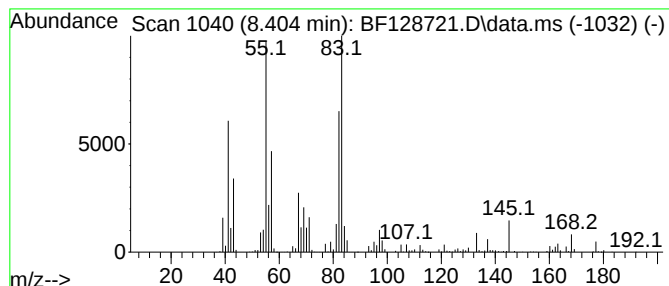
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclohexane, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.404	20.97 ng	1609430	Naphthalene-d8	8.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	80
2			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	80
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	72
4			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128721.D
Acq On : 07 Jun 2022 17:47
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Misc :
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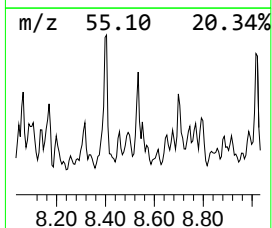
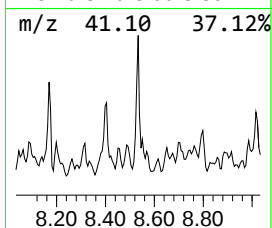
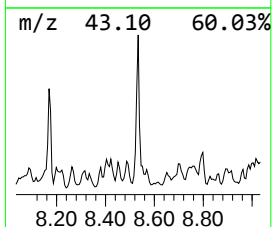
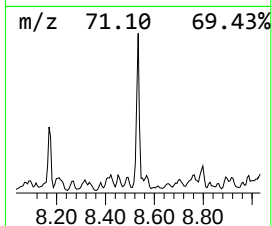
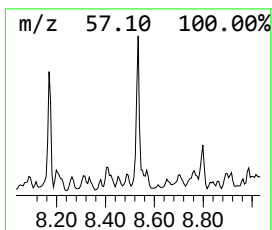
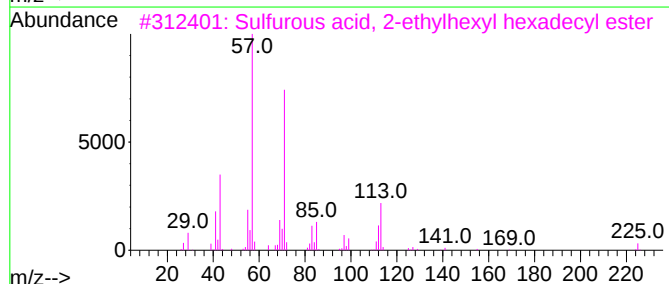
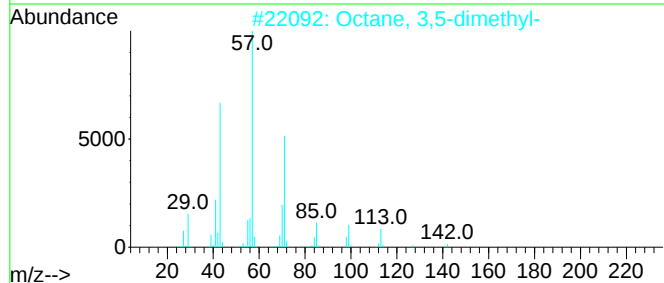
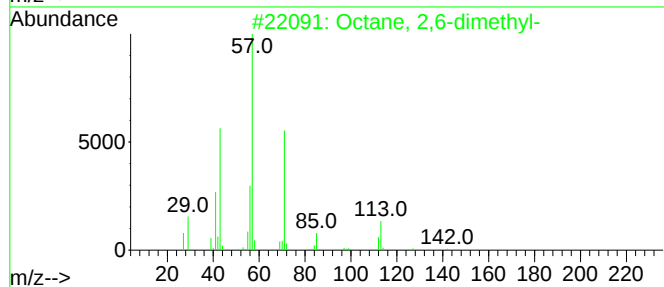
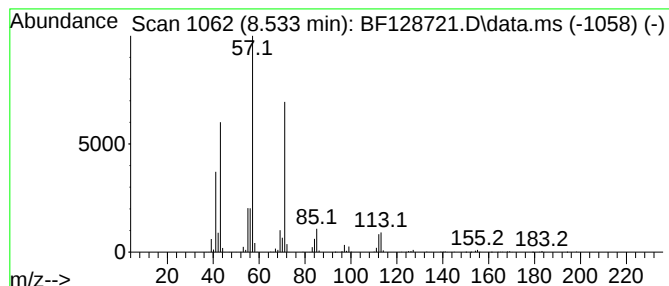
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.533	20.05 ng	1539030	Naphthalene-d8	8.110

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	72
3		Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
4		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128721.D
Acq On : 07 Jun 2022 17:47
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ALS Vial : 12 Sample Multiplier: 1

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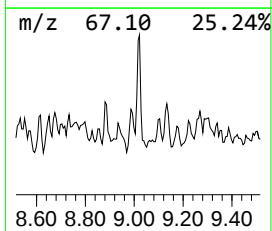
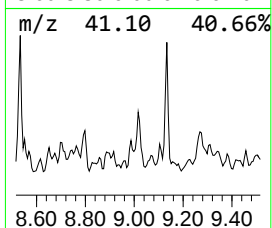
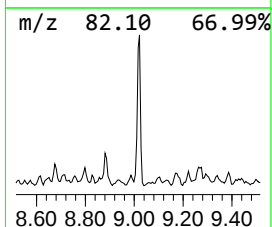
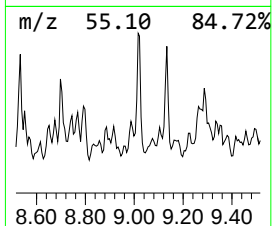
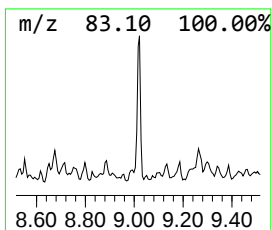
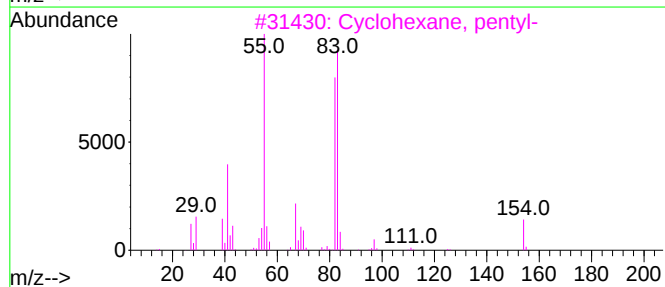
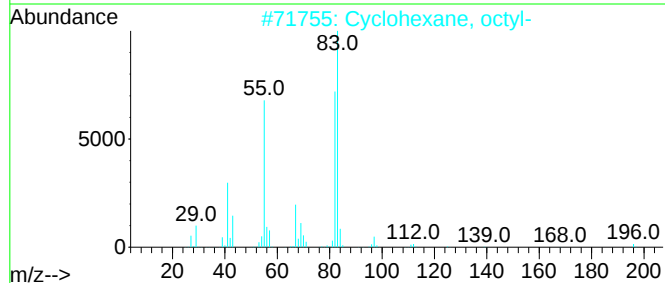
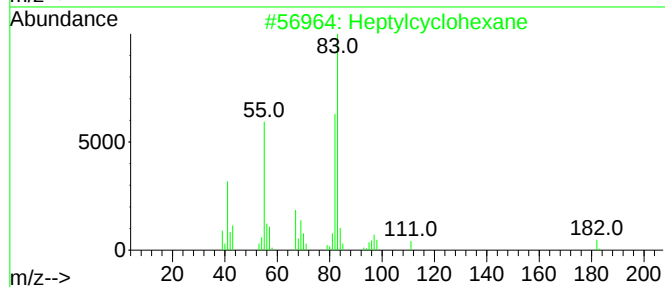
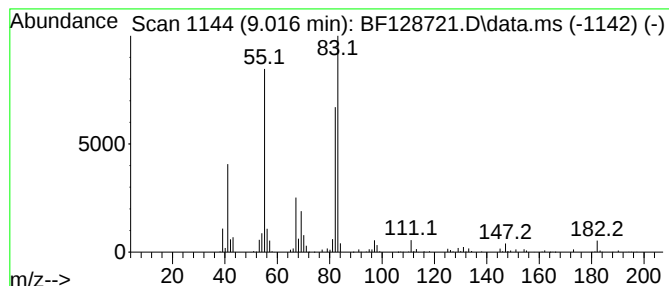
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptylcyclohexane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.016	22.22 ng	744935	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	86
2			Cyclohexane, octyl-	196	C14H28	001795-15-9	78
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	78
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128721.D
Acq On : 07 Jun 2022 17:47
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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
WC-14B-10-GR

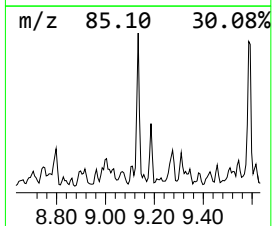
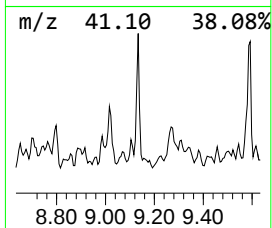
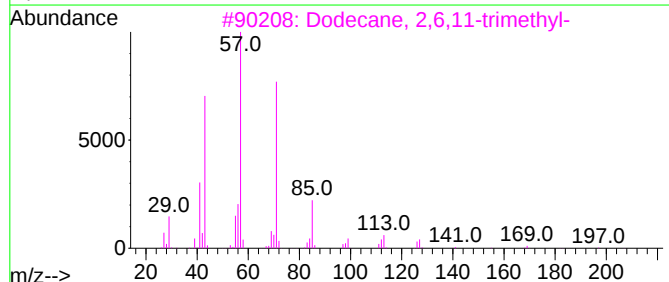
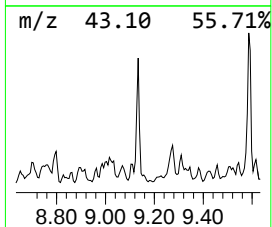
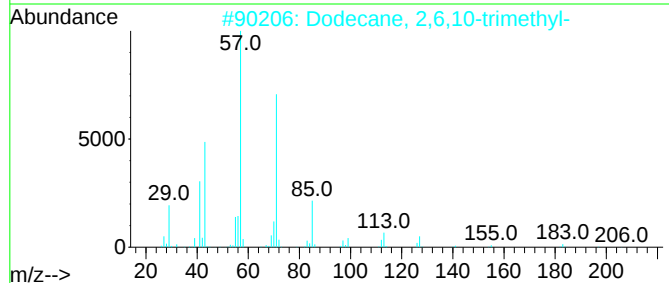
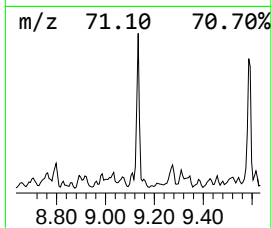
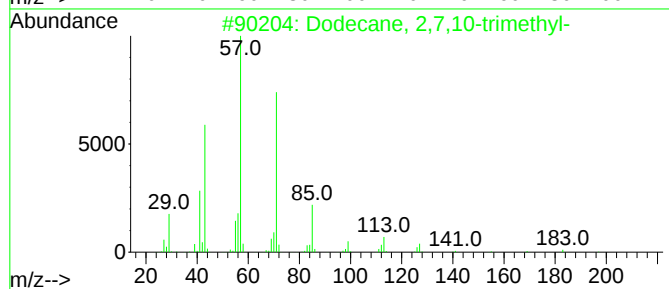
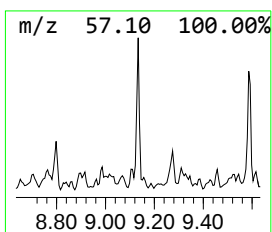
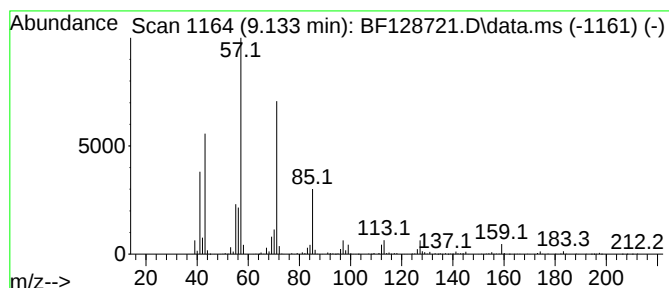
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 2,7,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.133	42.37 ng	1420820	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
5			Bacchotricuneatin c	342	C20H22O5	066563-30-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128721.D
Acq On : 07 Jun 2022 17:47
Operator : CG\JU
Sample : N3209-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-10-GR

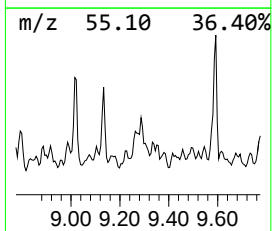
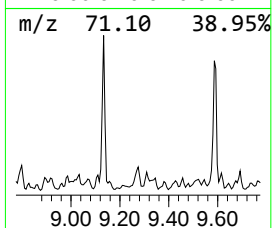
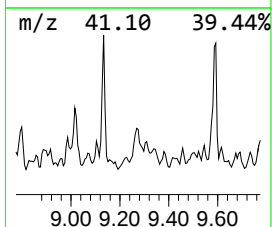
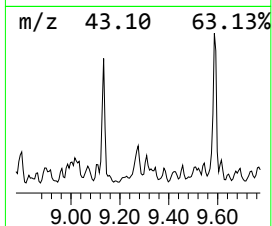
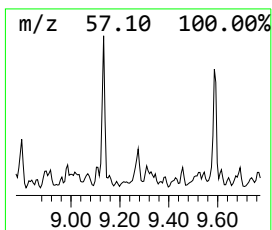
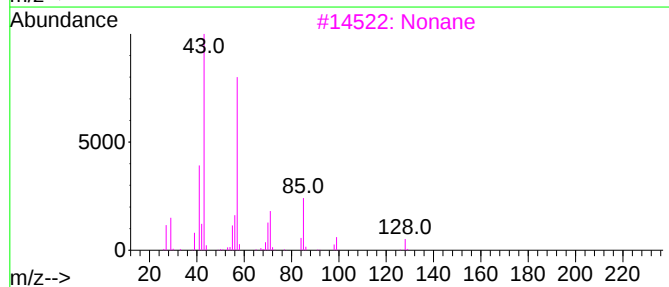
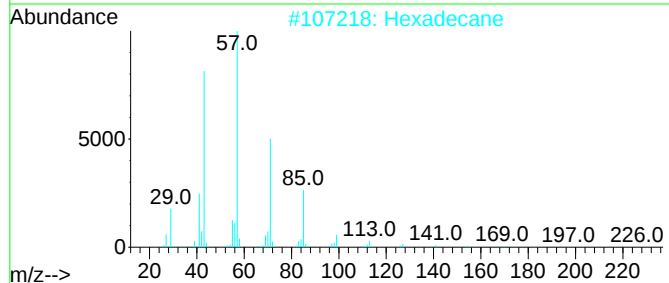
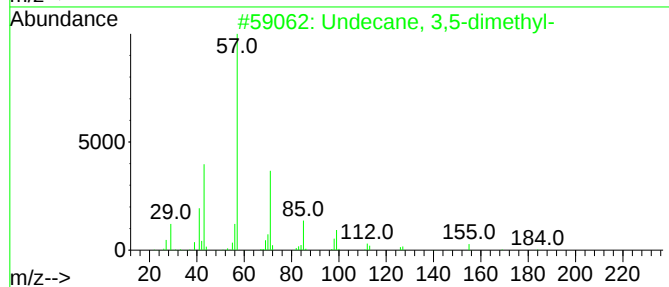
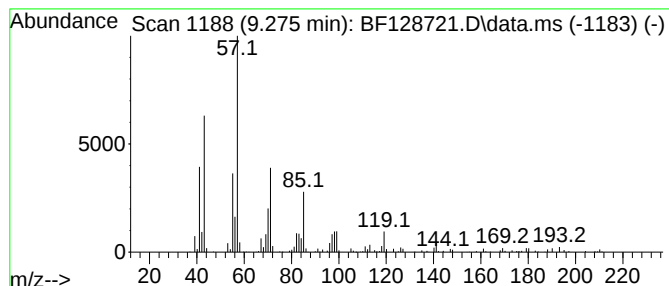
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Undecane, 3,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.275	21.86 ng	733000	Acenaphthene-d10	9.869

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
2		Hexadecane	226	C16H34	000544-76-3	58
3		Nonane	128	C9H20	000111-84-2	52
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	52
5		Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128721.D
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Operator : CG\JU
Sample : N3209-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

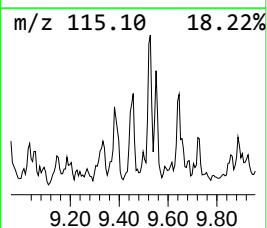
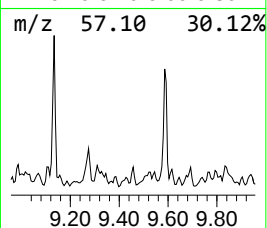
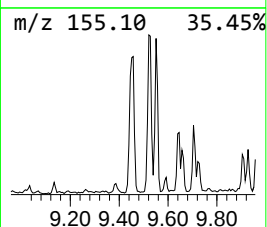
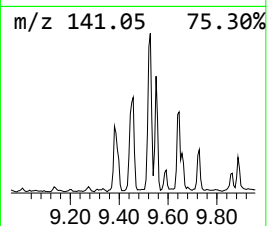
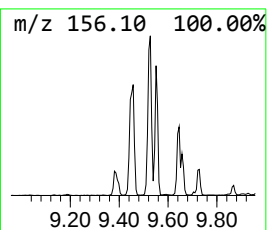
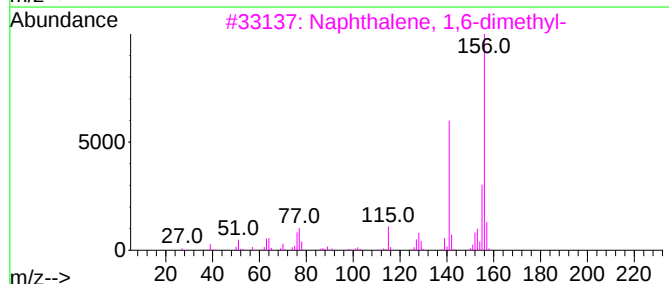
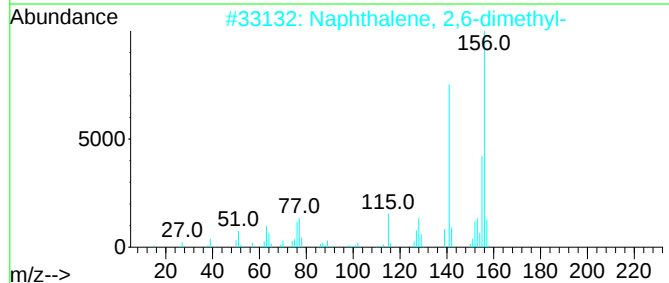
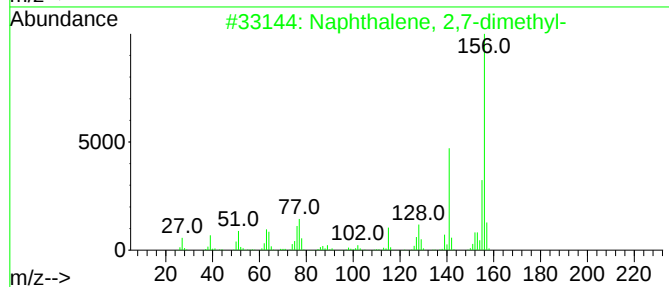
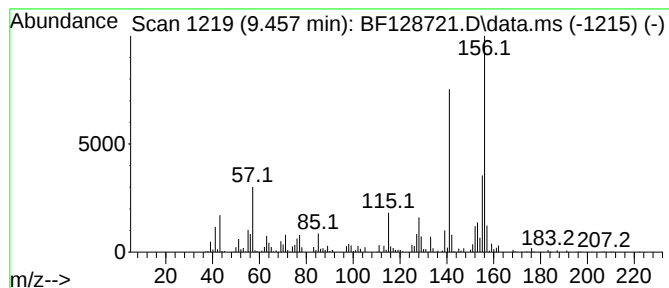
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ClientSampleId :
WC-14B-10-GR

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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 12 Naphthalene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.457	21.42 ng	718167	Acenaphthene-d10	9.869	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128721.D
Acq On : 07 Jun 2022 17:47
Operator : CG\JU
Sample : N3209-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14B-10-GR

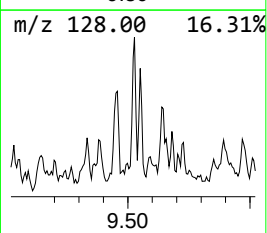
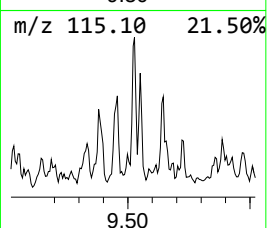
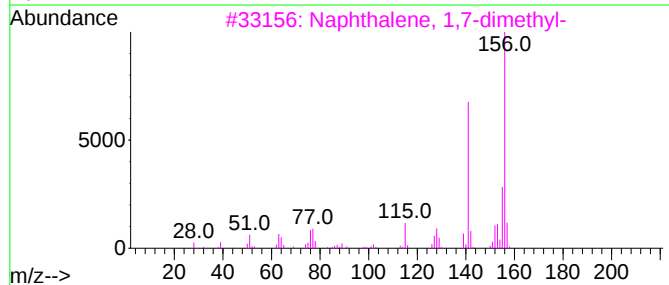
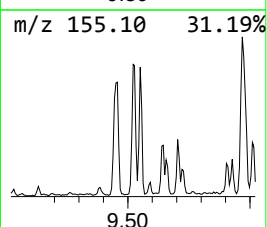
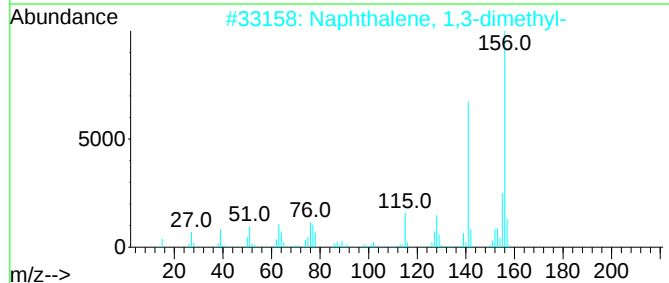
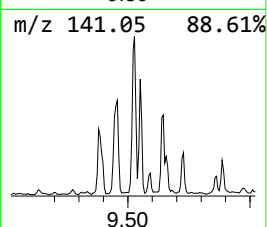
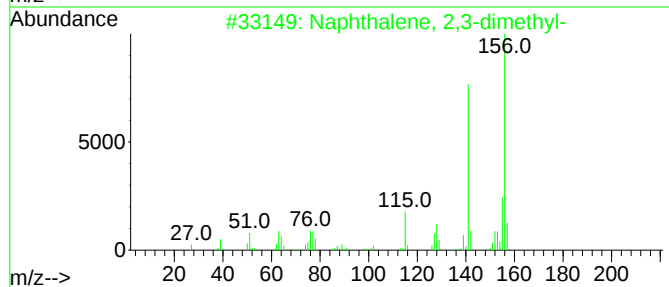
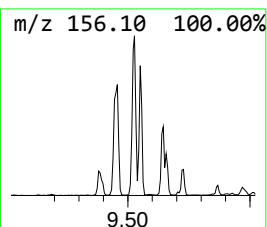
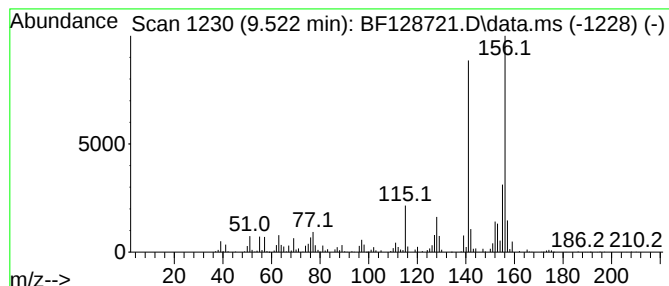
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	24.62 ng	825669	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128721.D
Acq On : 07 Jun 2022 17:47
Operator : CG\JU
Sample : N3209-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14B-10-GR

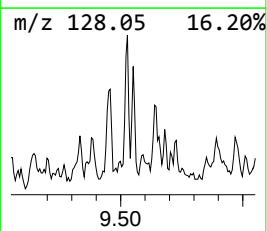
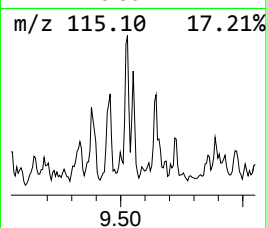
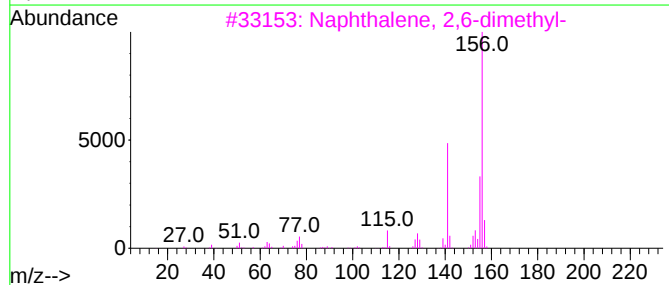
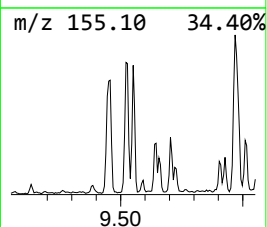
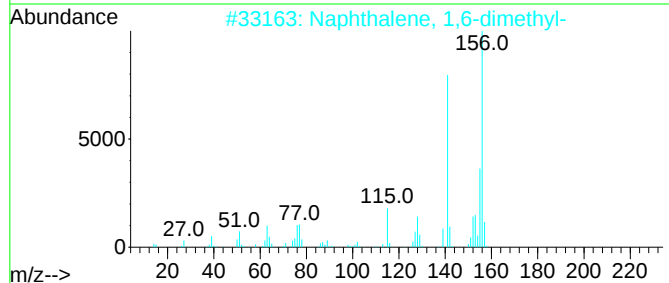
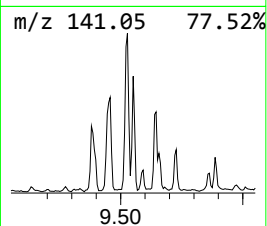
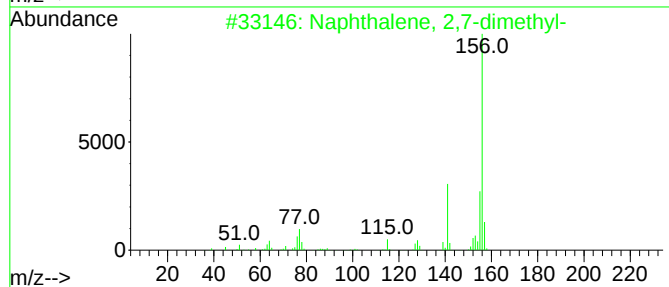
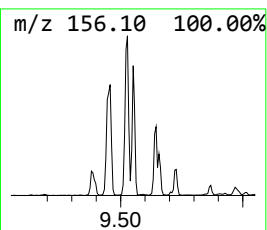
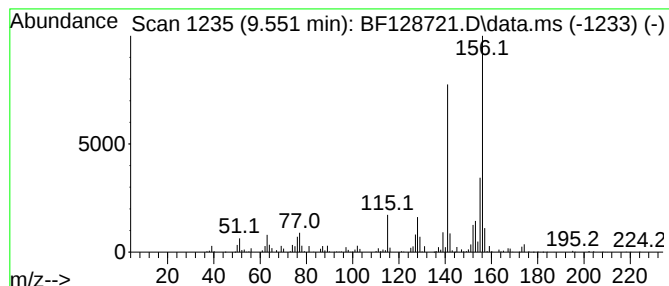
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	15.53 ng	520760	Acenaphthene-d10	9.869

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128721.D
Acq On : 07 Jun 2022 17:47
Operator : CG\JU
Sample : N3209-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-10-GR

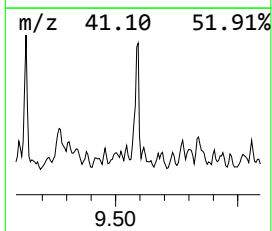
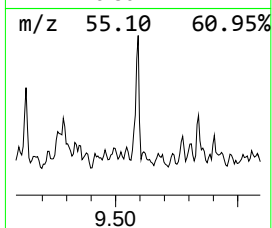
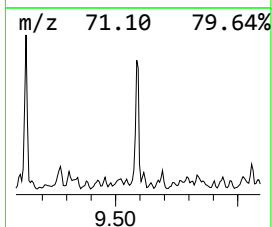
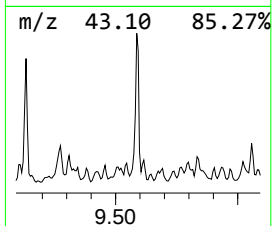
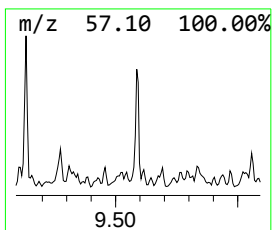
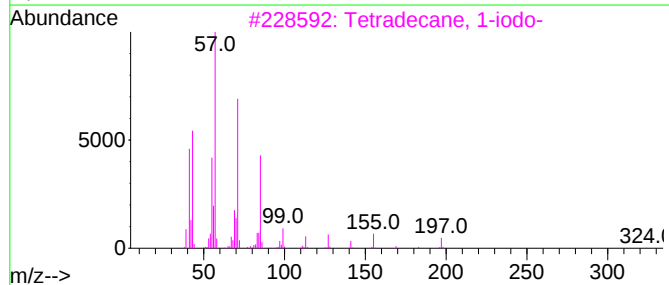
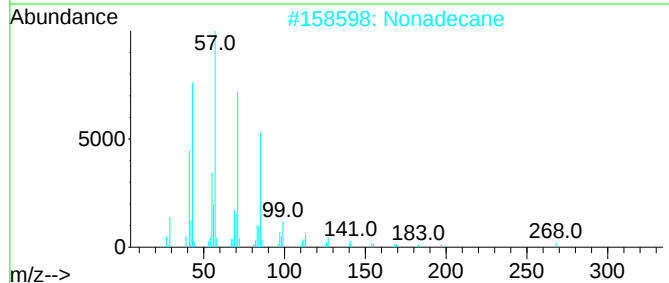
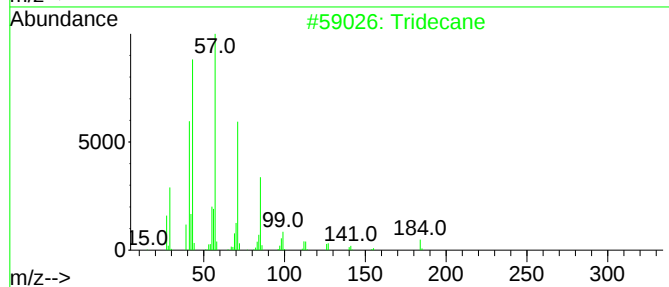
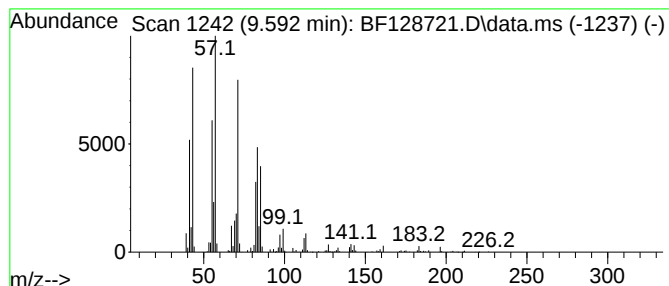
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	57.81 ng	1938580	Acenaphthene-d10	9.869

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	86
2		Nonadecane	268	C19H40	000629-92-5	64
3		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
4		Hexadecane	226	C16H34	000544-76-3	62
5		Dodecane	170	C12H26	000112-40-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128721.D
Acq On : 07 Jun 2022 17:47
Operator : CG\JU
Sample : N3209-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14B-10-GR

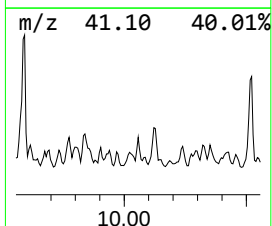
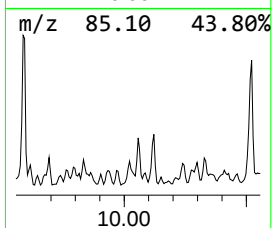
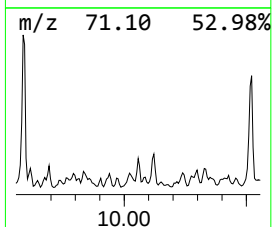
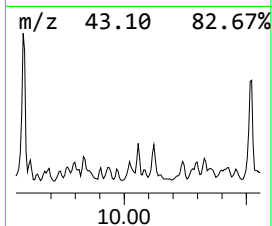
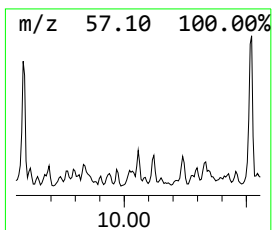
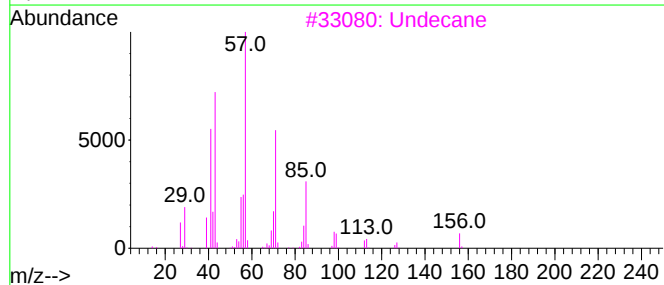
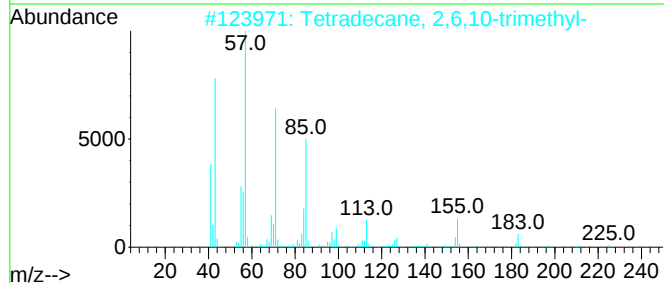
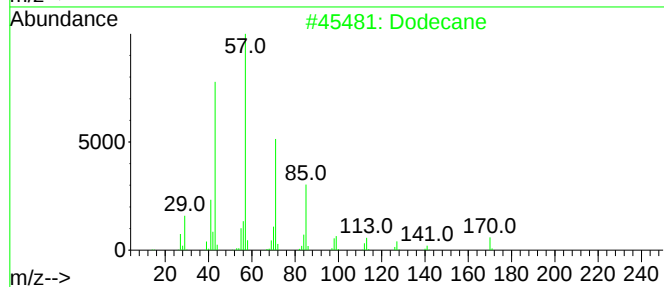
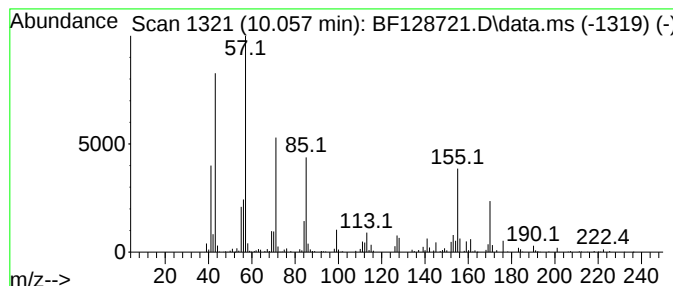
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.057	19.71 ng	660822	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	89
2			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	64
3			Undecane	156	C11H24	001120-21-4	62
4			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	49
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128721.D
Acq On : 07 Jun 2022 17:47
Operator : CG\JU
Sample : N3209-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-10-GR

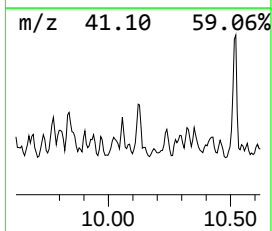
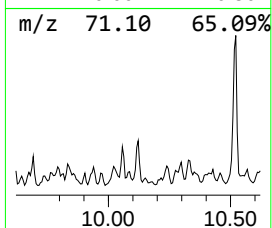
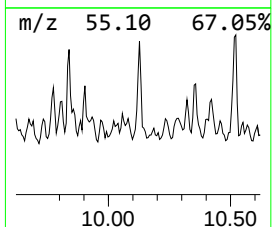
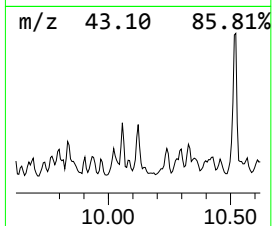
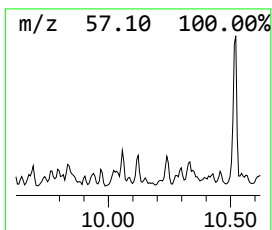
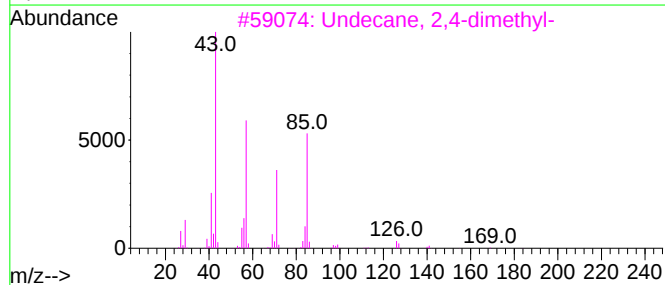
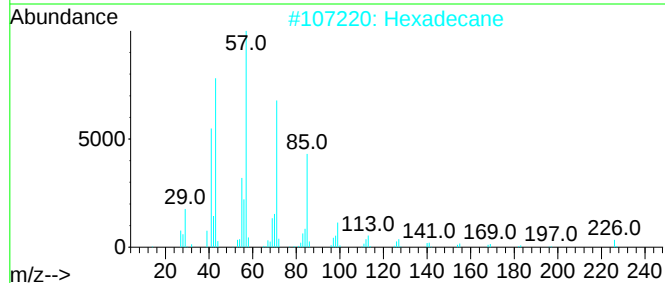
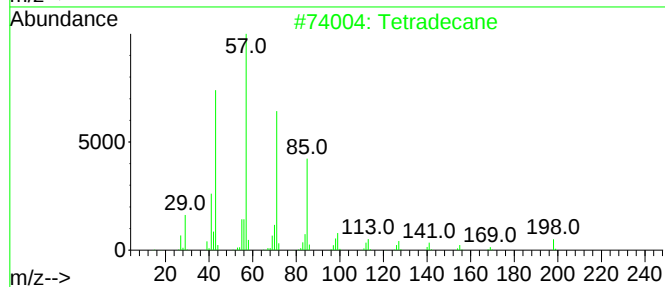
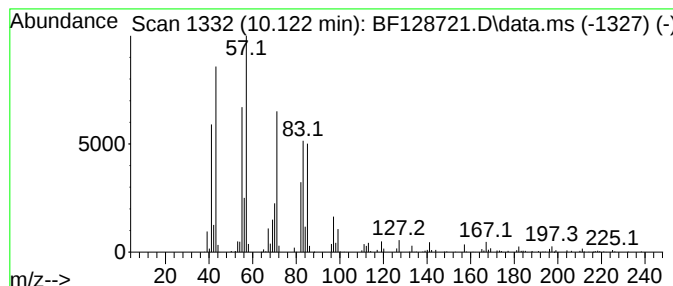
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown10.122 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.122	31.48 ng	1055540	Acenaphthene-d10	9.869

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	49
2		Hexadecane	226	C16H34	000544-76-3	46
3		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	46
4		Decane, 1-iodo-	268	C10H21I	002050-77-3	43
5		Tridecane, 3-ethyl-	212	C15H32	013286-73-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128721.D
Acq On : 07 Jun 2022 17:47
Operator : CG\JU
Sample : N3209-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-10-GR

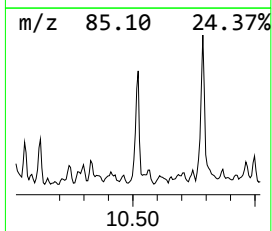
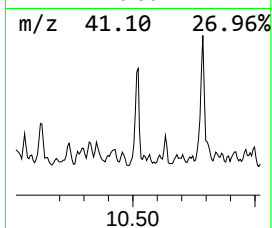
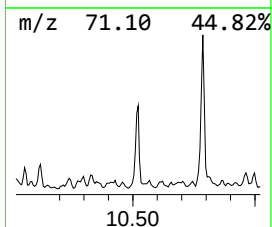
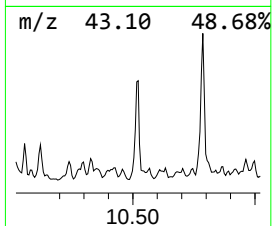
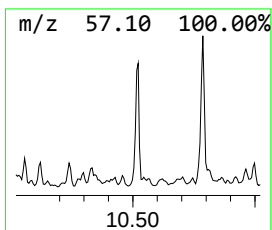
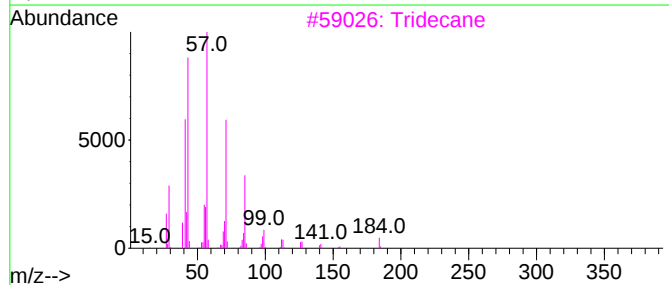
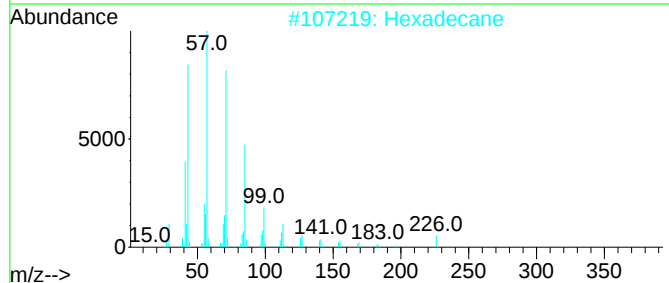
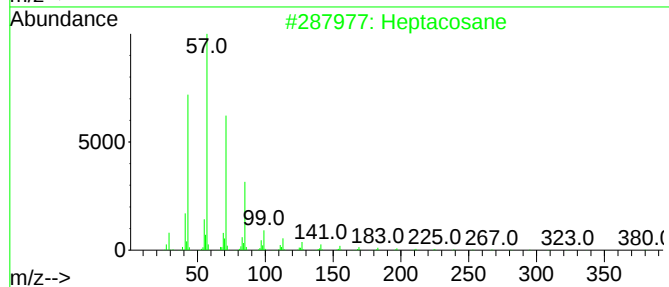
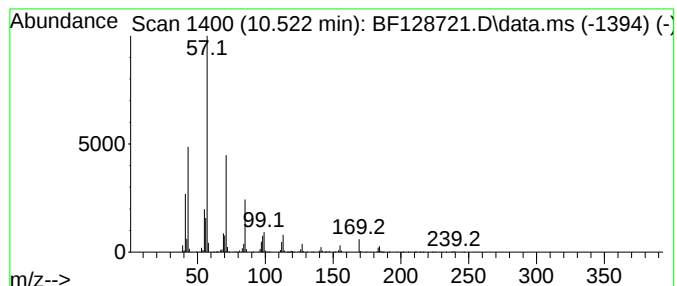
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.522	50.72 ng	1700630	Acenaphthene-d10	9.869

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	86
2		Hexadecane	226	C16H34	000544-76-3	80
3		Tridecane	184	C13H28	000629-50-5	72
4		Octacosane	394	C28H58	000630-02-4	72
5		Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128721.D
Acq On : 07 Jun 2022 17:47
Operator : CG\JU
Sample : N3209-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-10-GR

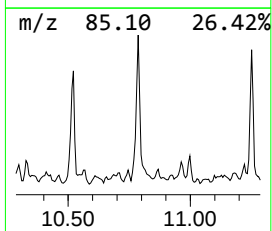
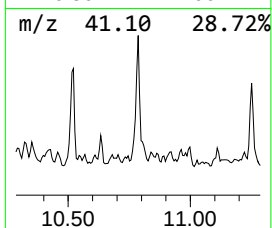
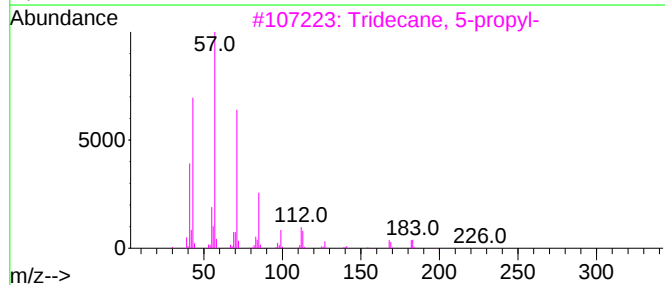
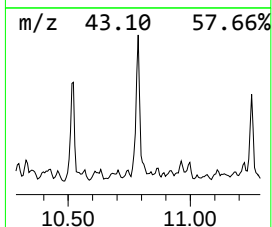
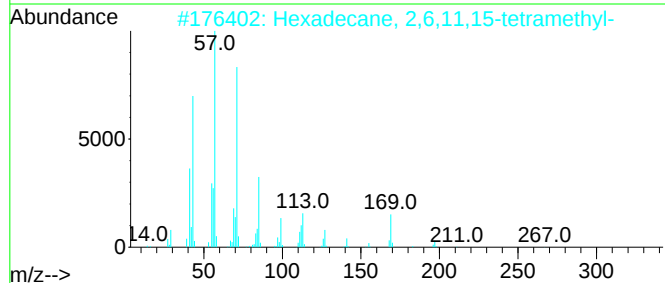
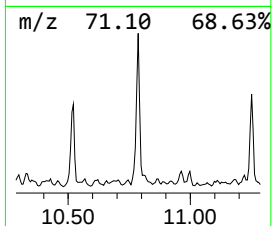
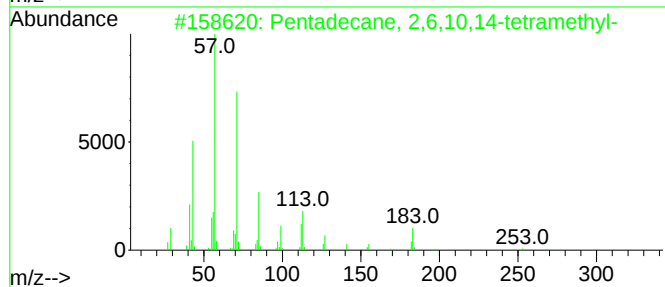
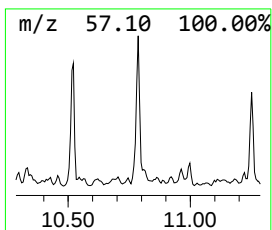
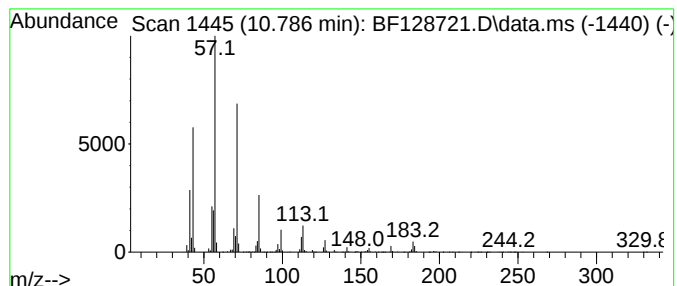
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.786	66.95 ng	2221040	Phenanthrene-d10	11.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	95
2			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	83
3			Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5			Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128721.D
Acq On : 07 Jun 2022 17:47
Operator : CG\JU
Sample : N3209-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

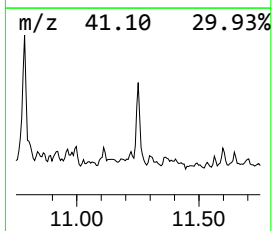
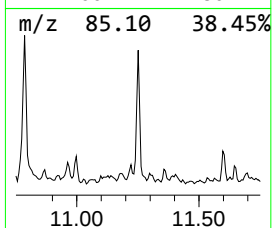
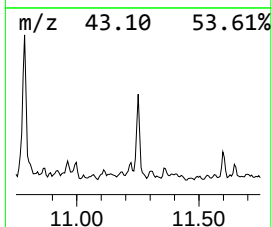
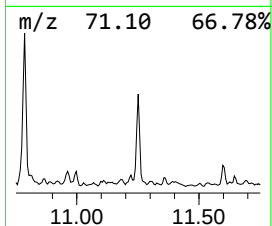
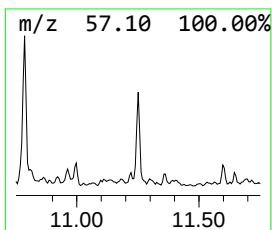
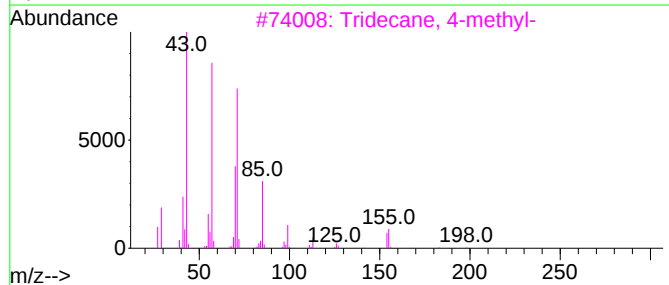
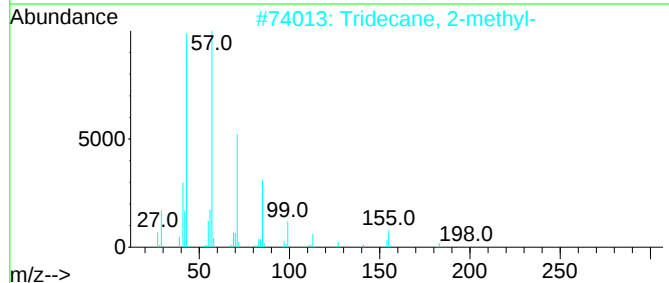
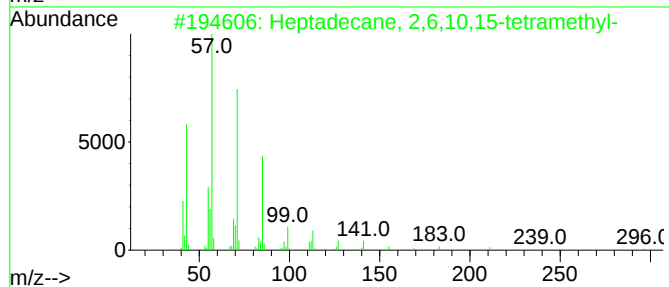
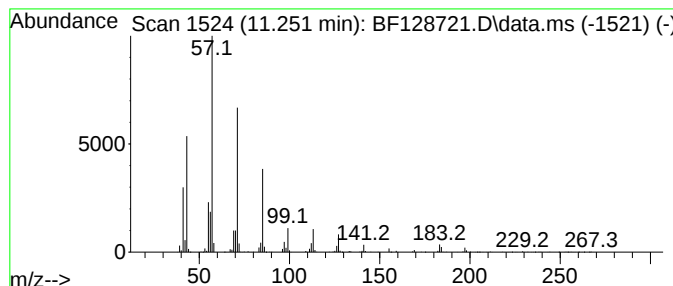
Instrument :
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ClientSampleId :
WC-14B-10-GR

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 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.251	42.20 ng	1400030	Phenanthrene-d10	11.357	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
 Data File : BF128721.D
 Acq On : 07 Jun 2022 17:47
 Operator : CG\JU
 Sample : N3209-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-10-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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unknown6.075	6.075	26.5	ng	1673050	1	6.822	1262800	20.0
Cyclohexane, 1-...	6.563	16.8	ng	1061680	1	6.822	1262800	20.0
Cyclohexane, (2...	6.969	17.3	ng	1095080	1	6.822	1262800	20.0
Cyclohexane, pe...	7.728	15.1	ng	1160690	2	8.110	1535260	20.0
Benzene, 1,2,4,...	7.851	16.8	ng	1292650	2	8.110	1535260	20.0
Cyclohexane, pr...	8.404	21.0	ng	1609430	2	8.110	1535260	20.0
Octane, 2,6-dim...	8.533	20.1	ng	1539030	2	8.110	1535260	20.0
Heptylcyclohexane	9.016	22.2	ng	744935	3	9.869	670634	20.0
Dodecane, 2,7,1...	9.133	42.4	ng	1420820	3	9.869	670634	20.0
Undecane, 3,5-d...	9.275	21.9	ng	733000	3	9.869	670634	20.0
Naphthalene, 2,...	9.457	21.4	ng	718167	3	9.869	670634	20.0
Naphthalene, 2,...	9.522	24.6	ng	825669	3	9.869	670634	20.0
Naphthalene, 1,...	9.551	15.5	ng	520760	3	9.869	670634	20.0
Tridecane	9.592	57.8	ng	1938580	3	9.869	670634	20.0
Dodecane	10.057	19.7	ng	660822	3	9.869	670634	20.0
unknown10.122	10.122	31.5	ng	1055540	3	9.869	670634	20.0
Heptacosane	10.522	50.7	ng	1700630	3	9.869	670634	20.0
Pentadecane, 2,...	10.786	67.0	ng	2221040	4	11.357	663457	20.0
Heptadecane, 2,...	11.251	42.2	ng	1400030	4	11.357	663457	20.0