

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126415.D
 Acq On : 30 Dec 2021 12:39
 Operator : JU/CG
 Sample : M5241-01 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2S

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-BF122921.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126415.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.428	391	398	406	rBV4	114735	193012	3.99%	0.199%
2	4.845	465	469	474	rVB	206822	226703	4.68%	0.234%
3	4.998	491	495	499	rBV2	329041	373625	7.72%	0.385%
4	5.204	524	530	533	rBV	467219	463838	9.58%	0.478%
5	5.398	559	563	568	rVB	1727967	1711769	35.36%	1.765%
6	5.487	575	578	580	rBV	178313	159100	3.29%	0.164%
7	5.569	588	592	596	rBV2	306936	443435	9.16%	0.457%
8	5.610	596	599	602	rVV	419516	362879	7.50%	0.374%
9	5.651	602	606	609	rVV	290213	370562	7.66%	0.382%
10	5.722	613	618	622	rBV2	189812	221261	4.57%	0.228%
11	5.822	629	635	638	rVB3	486758	736977	15.23%	0.760%
12	5.875	638	644	646	rBV2	272892	387308	8.00%	0.399%
13	5.957	654	658	662	rVB3	822005	947980	19.58%	0.978%
14	6.004	662	666	668	rBV2	266317	332947	6.88%	0.343%
15	6.051	671	674	677	rVV	1514280	1506053	31.11%	1.553%
16	6.104	680	683	686	rBV	656769	633992	13.10%	0.654%
17	6.145	686	690	692	rVV4	162420	195800	4.05%	0.202%
18	6.239	700	706	711	rBV3	694606	959169	19.82%	0.989%
19	6.304	715	717	719	rVB	622234	437764	9.04%	0.451%
20	6.334	719	722	724	rBV2	960355	929832	19.21%	0.959%
21	6.357	724	726	730	rVB3	290544	274037	5.66%	0.283%
22	6.392	730	732	734	rBV	353941	298996	6.18%	0.308%
23	6.422	734	737	740	rVB	1690220	1498189	30.95%	1.545%
24	6.451	740	742	744	rBV	281884	195499	4.04%	0.202%
25	6.475	744	746	748	rVB	456698	347155	7.17%	0.358%
26	6.504	748	751	753	rBV3	190052	159949	3.30%	0.165%
27	6.545	753	758	762	rBV5	454595	898265	18.56%	0.926%
28	6.581	762	764	766	rVB	290653	203895	4.21%	0.210%
29	6.639	770	774	776	rBV3	230718	296262	6.12%	0.306%
30	6.657	776	777	780	rVB2	338326	225782	4.66%	0.233%
31	6.769	787	796	798	rBV6	377842	796050	16.45%	0.821%
32	6.798	798	801	803	rBV	989013	1036263	21.41%	1.069%
33	6.822	803	805	808	rVB	1353683	1104683	22.82%	1.139%
34	6.863	808	812	815	rBV2	439437	461395	9.53%	0.476%
35	6.898	815	818	819	rBV2	328897	354250	7.32%	0.365%
36	6.922	819	822	824	rVB	334833	268925	5.56%	0.277%

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.951	824	827	830	rBV2	981440	945683	19.54%	0.975%
38	6.981	830	832	835	rVB2	476490	490945	10.14%	0.506%
39	7.034	838	841	843	rBV2	335790	312606	6.46%	0.322%
40	7.081	845	849	852	rVB2	968355	1183426	24.45%	1.221%
41	7.110	852	854	857	rBV2	683001	629483	13.00%	0.649%
42	7.145	857	860	864	rBV2	619615	621304	12.84%	0.641%
43	7.192	865	868	871	rBV2	1060231	938229	19.38%	0.968%
44	7.228	871	874	879	rVB5	347524	458146	9.47%	0.473%
45	7.328	886	891	893	rBV4	879877	1259219	26.02%	1.299%
46	7.357	893	896	898	rVB	840342	817094	16.88%	0.843%
47	7.381	898	900	902	rVB2	298026	221654	4.58%	0.229%
48	7.404	902	904	907	rVB2	354624	330441	6.83%	0.341%
49	7.445	907	911	915	rVB3	1000786	1409956	29.13%	1.454%
50	7.516	915	923	925	rBV4	815955	1727001	35.68%	1.781%
51	7.557	927	930	932	rBV2	283584	302452	6.25%	0.312%
52	7.586	932	935	937	rBV2	895904	738633	15.26%	0.762%
53	7.610	937	939	942	rVB2	924759	719061	14.86%	0.742%
54	7.639	942	944	946	rBV	265137	234392	4.84%	0.242%
55	7.681	948	951	953	rBV2	366671	481697	9.95%	0.497%
56	7.704	953	955	957	rBV2	376481	350606	7.24%	0.362%
57	7.728	957	959	963	rVB4	988543	1043150	21.55%	1.076%
58	7.769	963	966	969	rBV2	1195781	1373859	28.38%	1.417%
59	7.804	969	972	976	rBV4	821430	822314	16.99%	0.848%
60	7.839	976	978	982	rVB	1106740	1074210	22.19%	1.108%
61	7.886	983	986	988	rBV	733278	551733	11.40%	0.569%
62	7.910	988	990	994	rVB4	615766	648267	13.39%	0.669%
63	7.957	995	998	999	rBV	498419	477747	9.87%	0.493%
64	7.992	1002	1004	1006	rVB3	389032	280645	5.80%	0.289%
65	8.028	1007	1010	1011	rBV	766701	638355	13.19%	0.658%
66	8.081	1014	1019	1024	rBV4	1325639	1839156	38.00%	1.897%
67	8.157	1026	1032	1034	rVV	2459598	2723636	56.27%	2.809%
68	8.181	1034	1036	1039	rVB2	407232	331773	6.85%	0.342%
69	8.245	1044	1047	1048	rBV2	427186	486829	10.06%	0.502%
70	8.292	1052	1055	1058	rBV	904344	836683	17.29%	0.863%
71	8.316	1058	1059	1062	rVB2	415147	339218	7.01%	0.350%
72	8.380	1065	1070	1073	rBV5	1620568	2328362	48.10%	2.401%
73	8.433	1077	1079	1082	rBV2	1161181	1009630	20.86%	1.041%
74	8.469	1082	1085	1089	rVB4	1154704	1235781	25.53%	1.274%
75	8.516	1089	1093	1097	rBV	3297468	4010408	82.85%	4.136%
76	8.551	1097	1099	1102	rVB3	1068845	954163	19.71%	0.984%

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77	8.592	1104	1106	1109	rBV3	568269	483026	9.98%	0.498%
78	8.633	1109	1113	1118	rBV4	1212344	2045394	42.26%	2.109%
79	8.780	1135	1138	1141	rVB2	1927945	2121093	43.82%	2.188%
80	8.833	1145	1147	1150	rVB3	521494	499072	10.31%	0.515%
81	8.880	1150	1155	1156	rBV4	582125	1049037	21.67%	1.082%
82	8.969	1167	1170	1172	rBV2	1272329	1438102	29.71%	1.483%
83	9.086	1187	1190	1192	rBV2	763517	797192	16.47%	0.822%
84	9.116	1192	1195	1198	rVB	3139067	3107305	64.20%	3.205%
85	9.157	1200	1202	1205	rVB	1043119	919866	19.00%	0.949%
86	9.245	1214	1217	1218	rBV	1105779	1071045	22.13%	1.105%
87	9.575	1267	1273	1276	rBV2	3356797	3921965	81.03%	4.045%
88	9.757	1301	1304	1307	rVB	1272370	1179396	24.37%	1.216%
89	9.822	1313	1315	1317	rBV2	1078107	1228230	25.37%	1.267%
90	10.045	1351	1353	1356	rVB	1019182	723781	14.95%	0.746%
91	10.110	1361	1364	1370	rVB4	1749983	1983113	40.97%	2.045%
92	10.163	1371	1373	1375	rBV	565729	500263	10.34%	0.516%
93	10.510	1428	1432	1435	rVB	3272769	3483403	71.97%	3.593%
94	10.622	1448	1451	1455	rVB4	742755	845049	17.46%	0.872%
95	10.780	1473	1478	1484	rVB	3631452	4840340	100.00%	4.992%
96	11.245	1553	1557	1563	rVB	3260459	3852996	79.60%	3.974%
97	11.592	1613	1616	1619	rVB	1188406	1070178	22.11%	1.104%
98	12.327	1738	1741	1746	rVB	1028408	1213839	25.08%	1.252%
99	12.921	1839	1842	1844	rBV	890603	914169	18.89%	0.943%
100	15.409	2262	2265	2268	rVB2	427236	482652	9.97%	0.498%

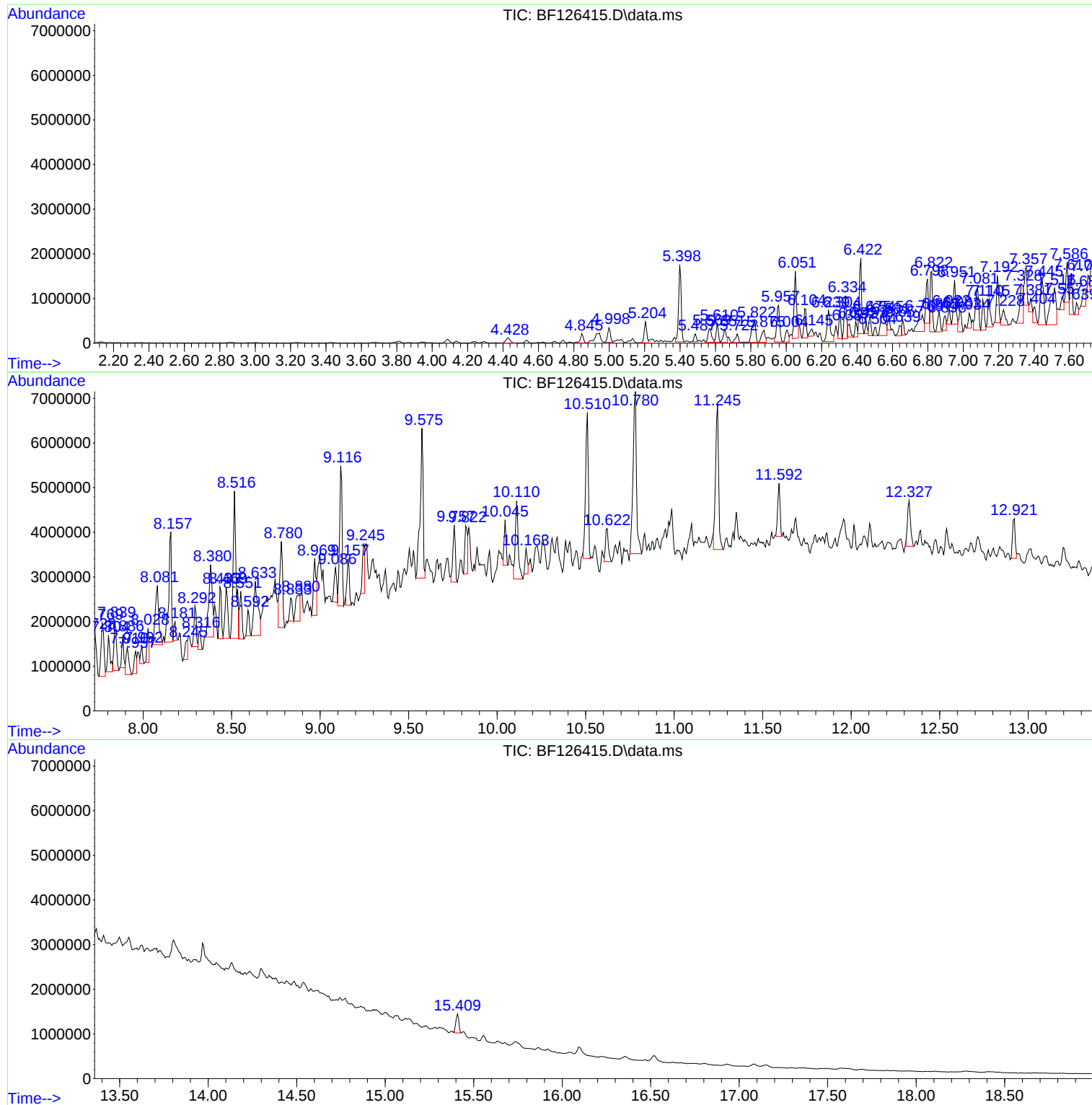
Sum of corrected areas: 96962054

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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.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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Instrument :
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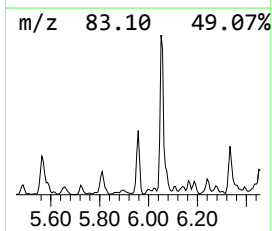
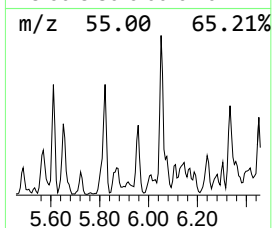
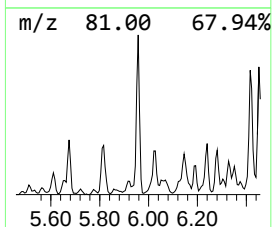
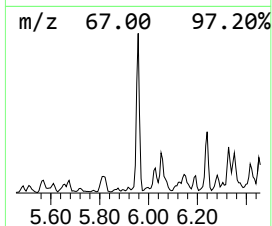
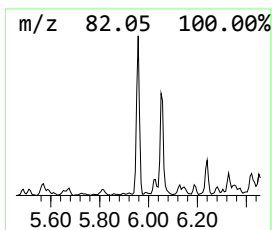
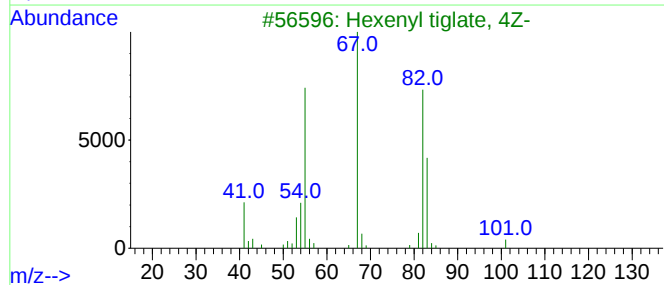
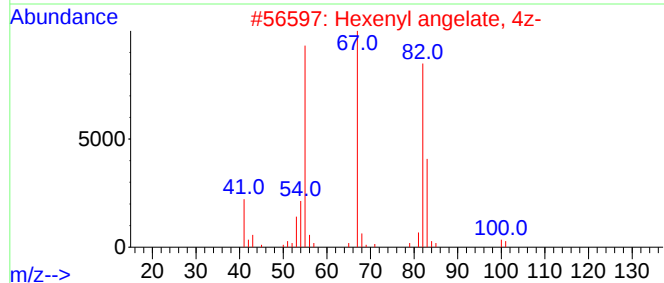
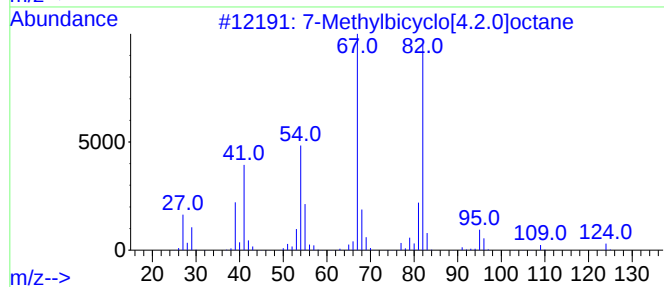
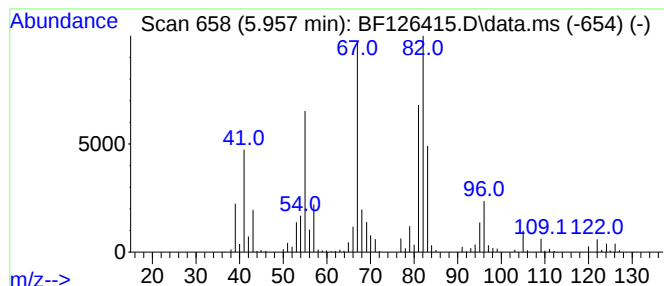
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.957	18.30 ng	947980	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	64
2			Hexenyl angelate, 4z-	182	C11H18O2	1000383-63-7	59
3			Hexenyl tiglate, 4Z-	182	C11H18O2	1000383-63-6	59
4			Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	53
5			Bicyclo[3.1.0]hexane	82	C6H10	000285-58-5	47



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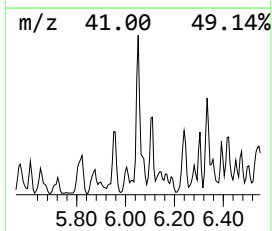
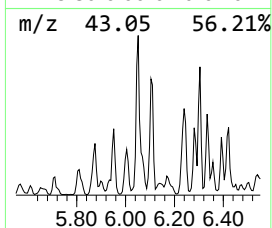
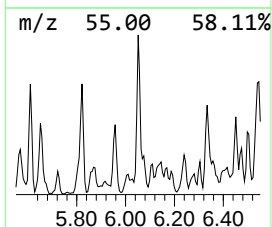
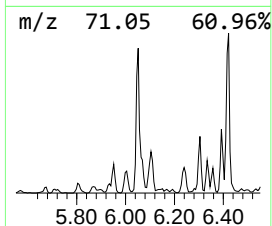
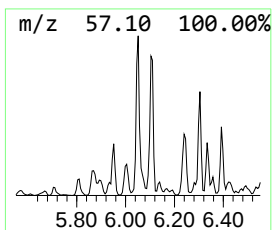
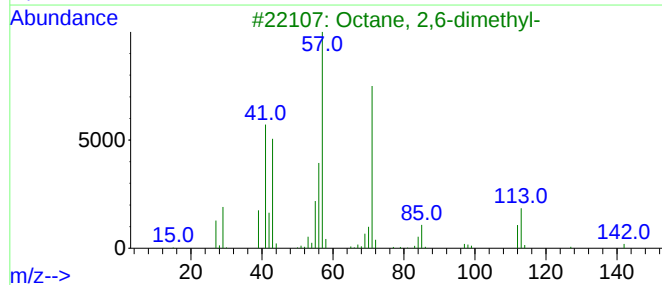
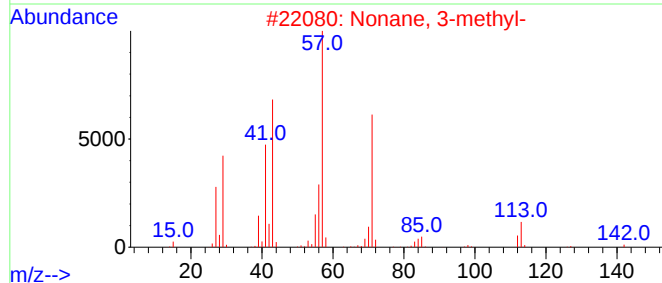
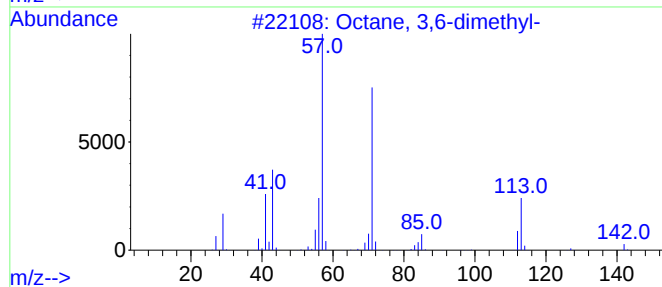
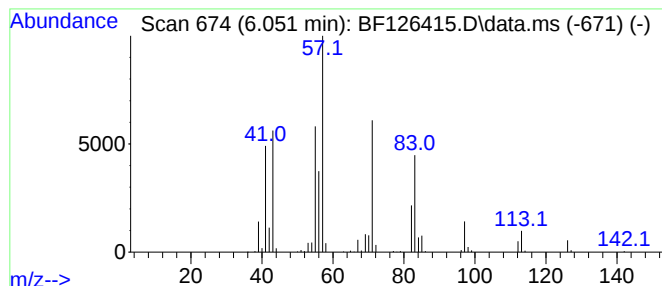
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.051 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.051	29.07 ng	1506050	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	43
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
4			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	38
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	35



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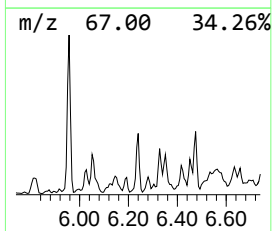
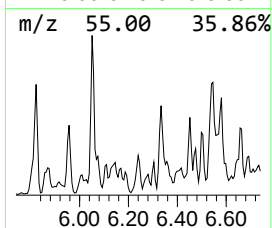
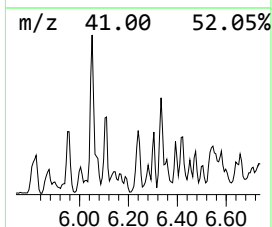
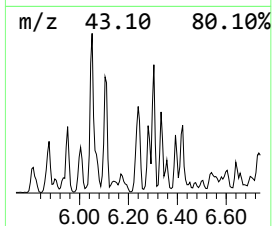
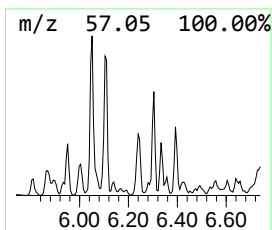
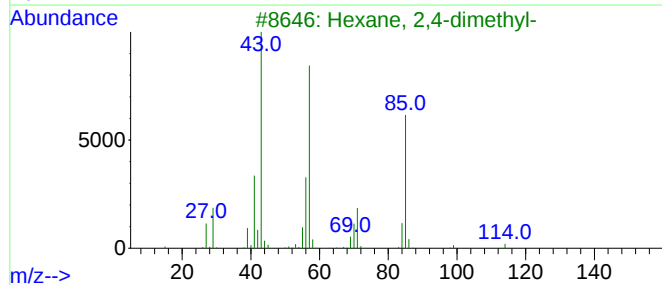
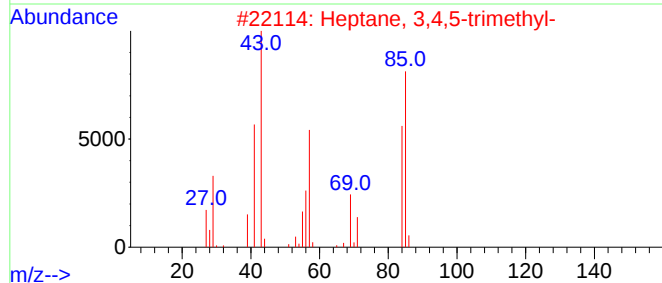
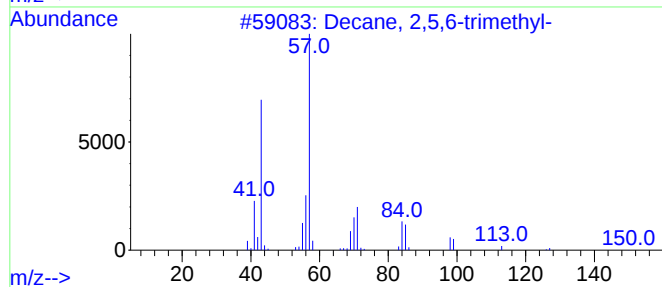
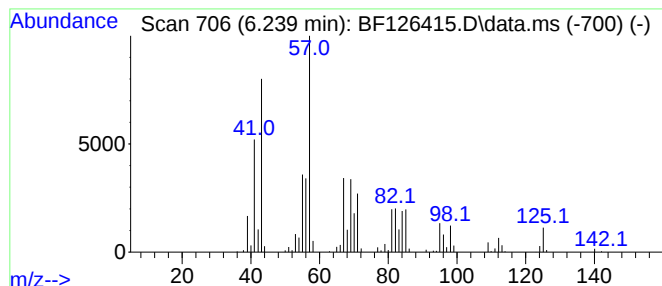
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.239 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.239	18.51 ng	959169	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	43
2			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	35
3			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	35
4			Hexane, 3-ethyl-	114	C8H18	000619-99-8	27
5			2-Methyl-1-hexanol	116	C7H16O	1000427-67-0	27



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Acq On : 30 Dec 2021 12:39
Operator : JU/CG
Sample : M5241-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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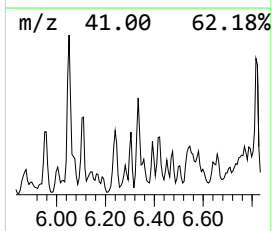
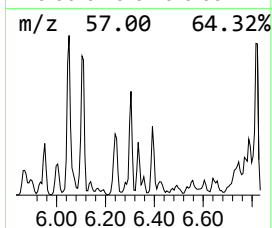
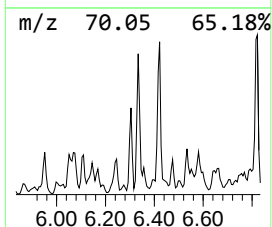
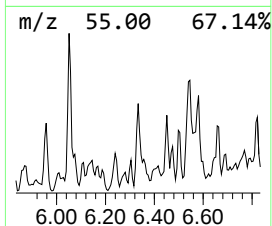
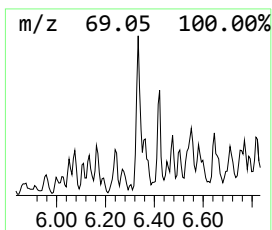
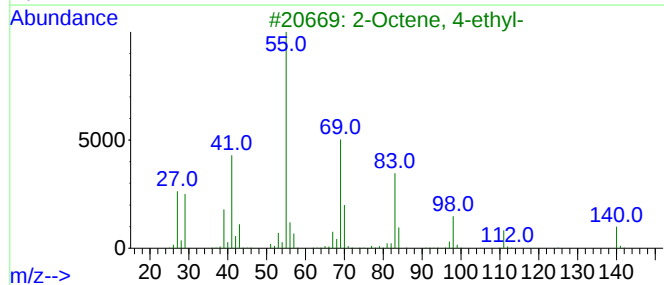
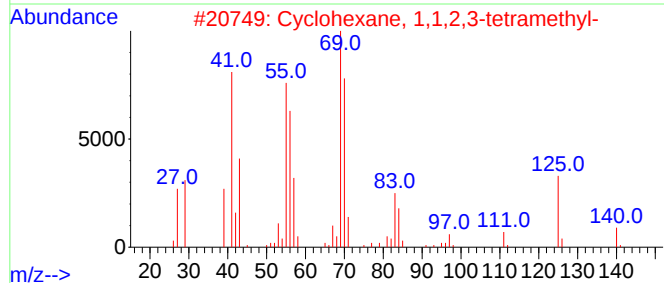
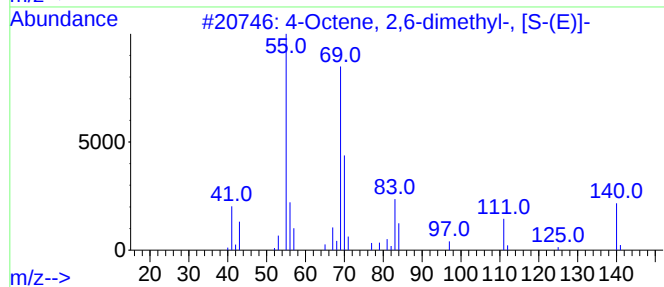
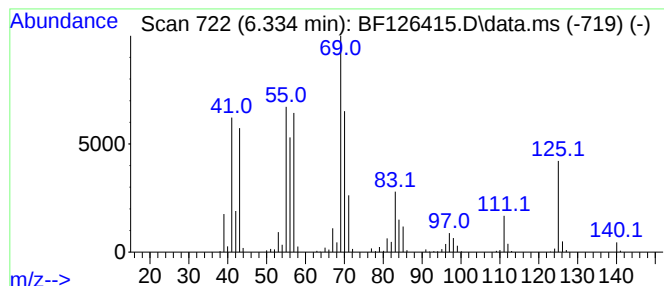
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.334	17.95 ng	929832	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	60
2			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	59
3			2-Octene, 4-ethyl-	140	C10H20	053966-52-2	38
4			Cyclopropane, 1-ethyl-2-heptyl-	168	C12H24	074663-86-8	38
5			Ketone, vinyl-pyrrolidinyl-	125	C7H11NO	042104-70-1	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126415.D
Acq On : 30 Dec 2021 12:39
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Sample : M5241-01 2X
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ClientSampleId :
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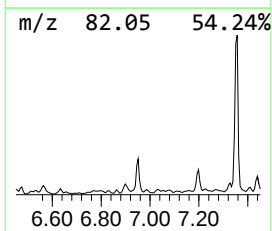
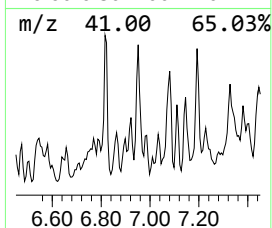
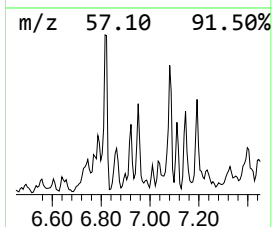
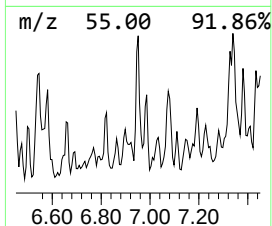
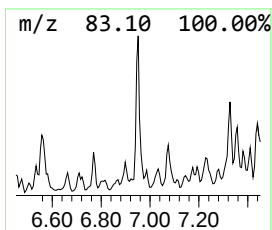
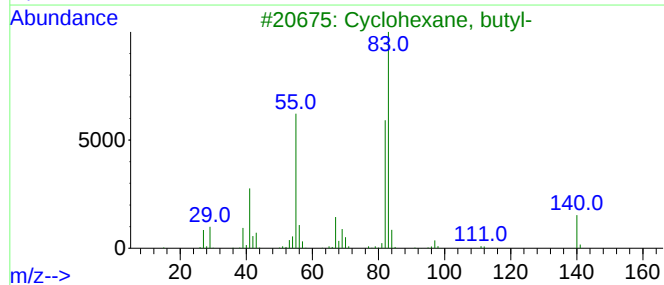
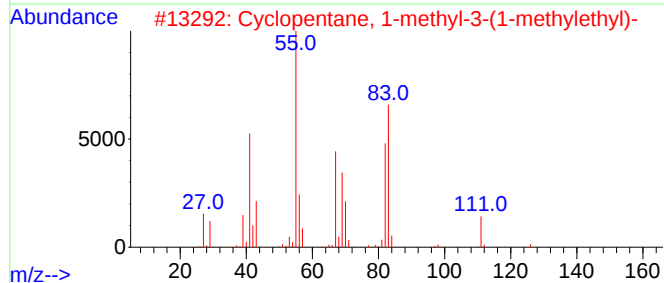
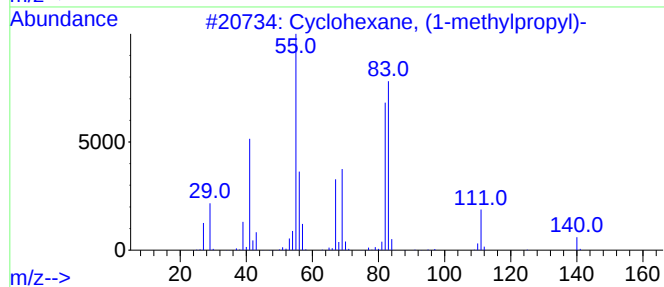
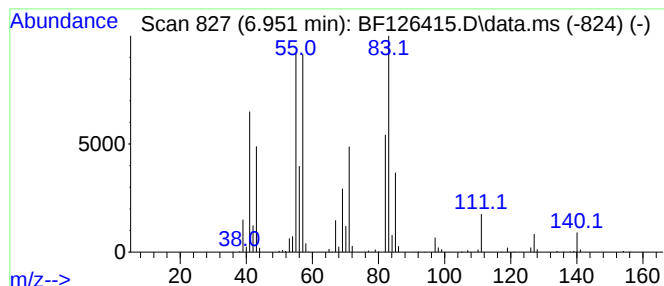
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.951 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.951	18.25 ng	945683	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	49
2			Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	49
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	46
4			1,2,4-Triazol-1-ylacetic acid	127	C4H5N3O2	028711-29-7	43
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
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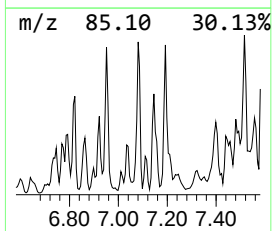
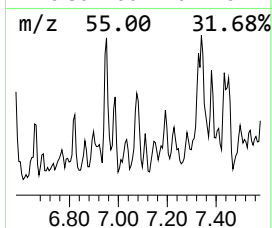
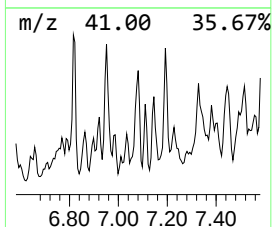
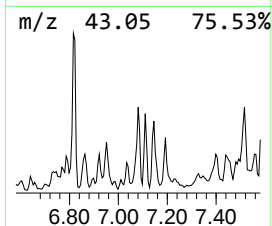
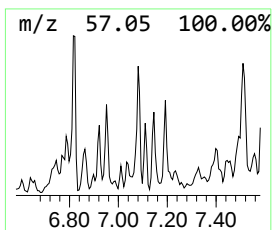
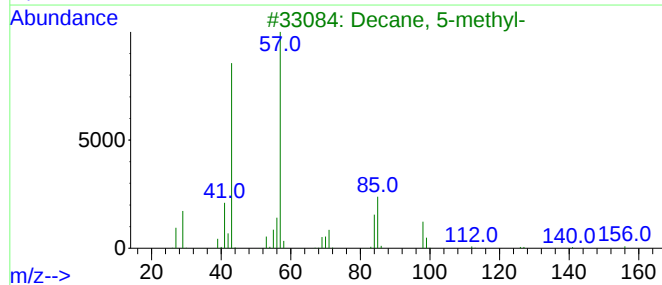
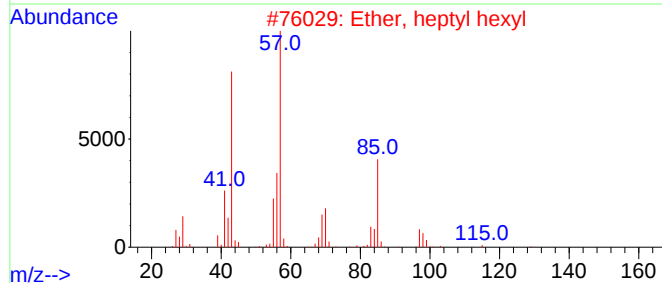
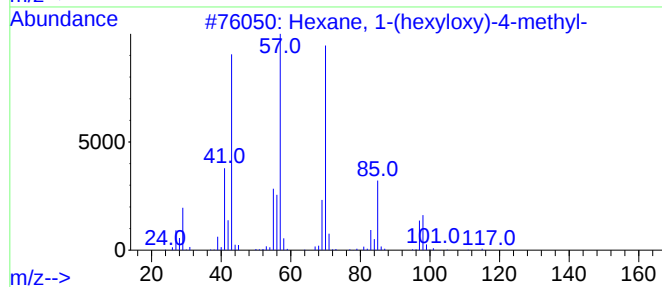
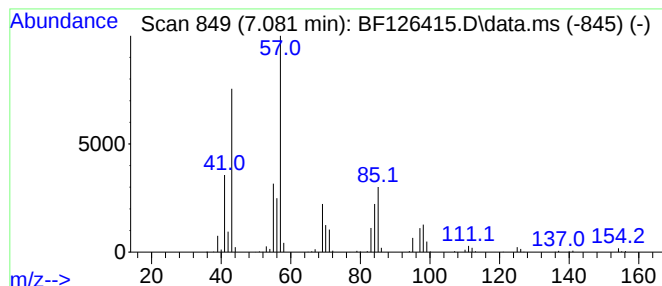
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexane, 1-(hexyloxy)-4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.081	22.84 ng	1183430	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 1-(hexyloxy)-4-methyl-	200	C13H28O	074421-20-8	64
2			Ether, heptyl hexyl	200	C13H28O	007289-40-9	53
3			Decane, 5-methyl-	156	C11H24	013151-35-4	53
4			Heptane, 4-ethyl-	128	C9H20	002216-32-2	50
5			Oxalic acid, monoamide, n-propyl...	299	C17H33NO3	1000309-65-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
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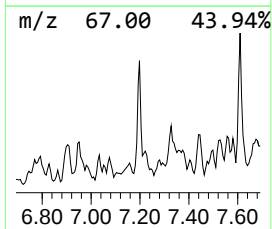
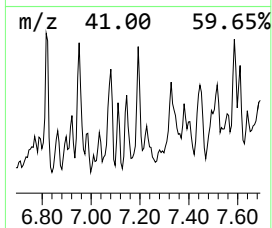
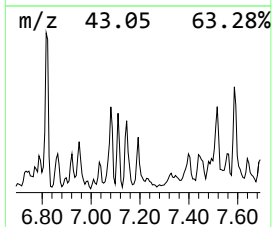
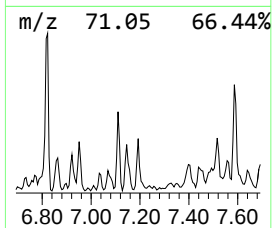
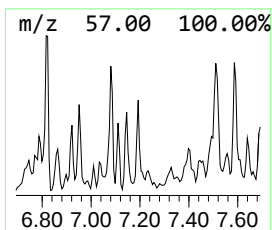
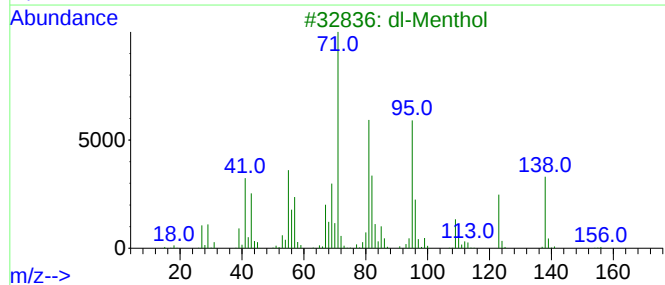
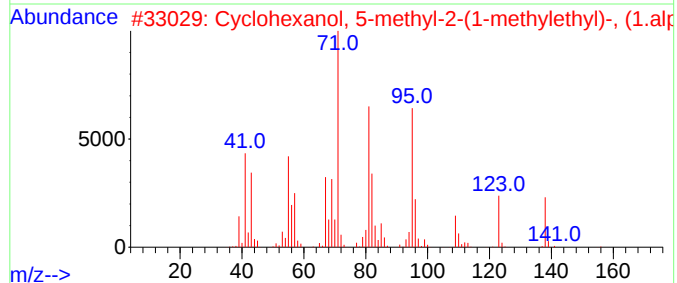
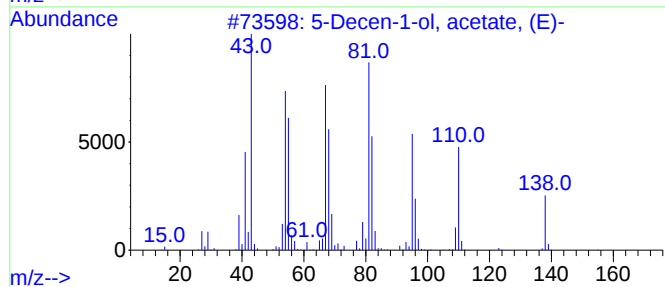
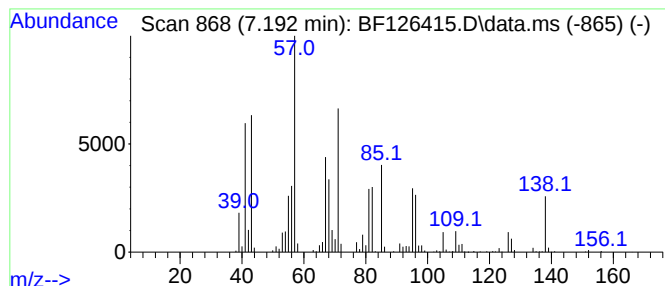
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.192 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.192	18.11 ng	938229	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Decen-1-ol, acetate, (E)-	198	C12H22O2	038421-90-8	46
2			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	38
3			dl-Menthol	156	C10H20O	000089-78-1	35
4			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	023283-97-8	35
5			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	003623-51-6	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
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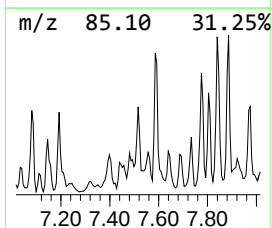
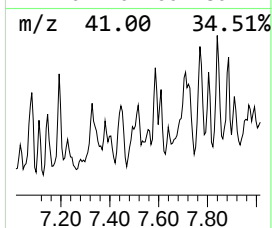
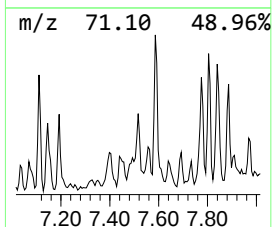
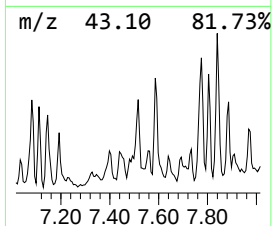
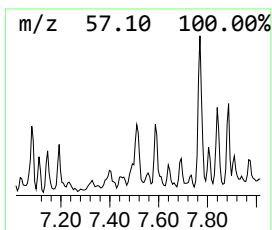
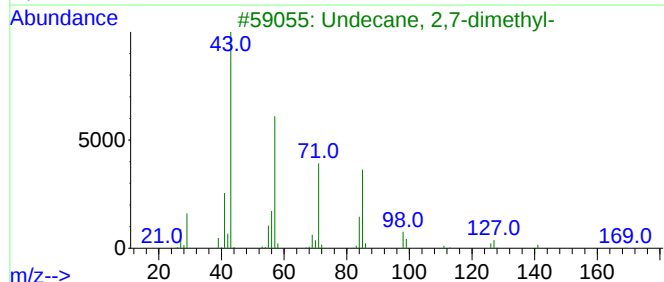
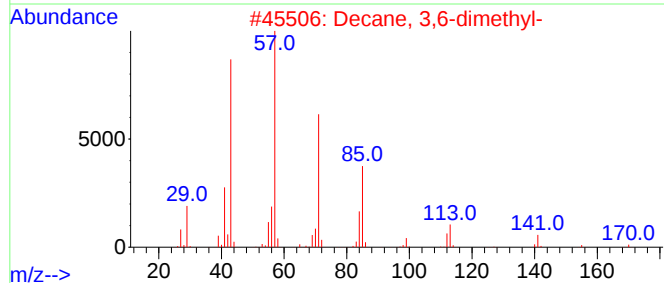
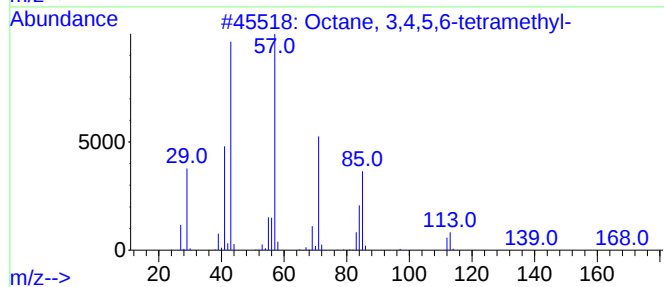
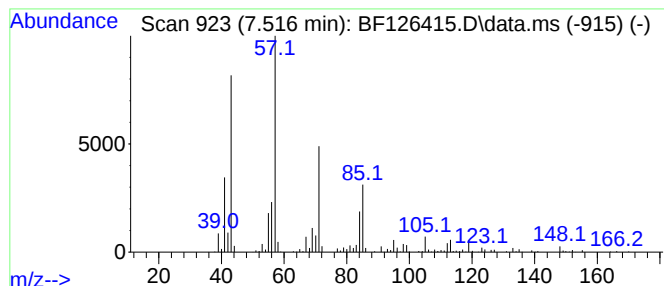
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Octane, 3,4,5,6-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.516	18.78 ng	1727000	Naphthalene-d8	8.081	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	72
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72
3	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	64
4	Octacosane	394	C28H58	000630-02-4	59
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	59



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ALS Vial : 8 Sample Multiplier: 1

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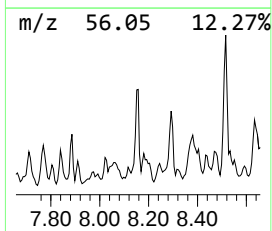
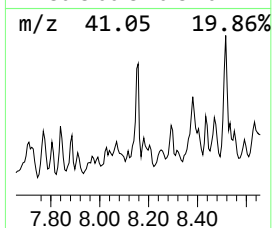
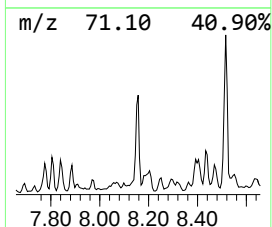
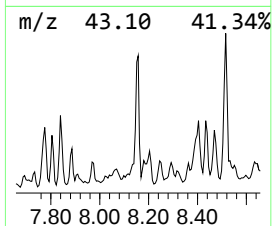
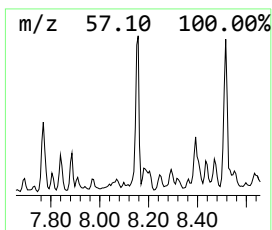
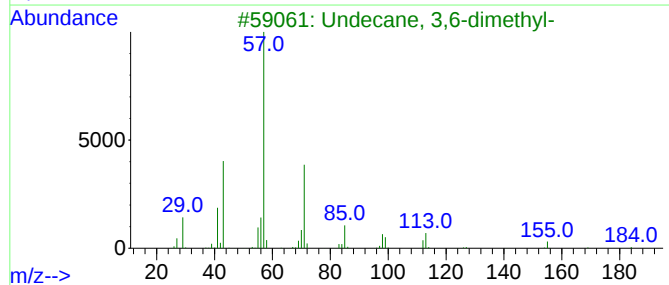
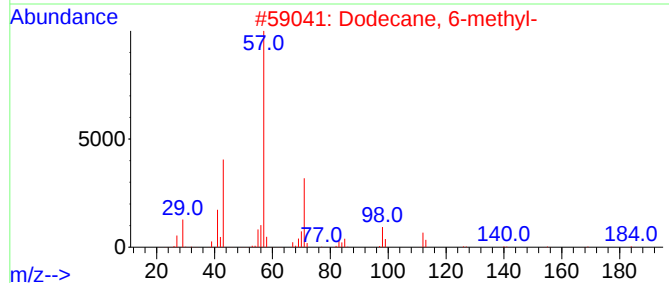
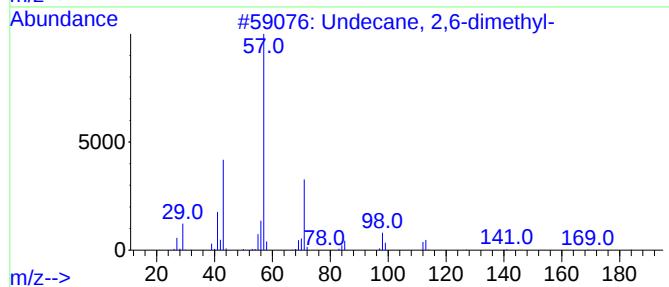
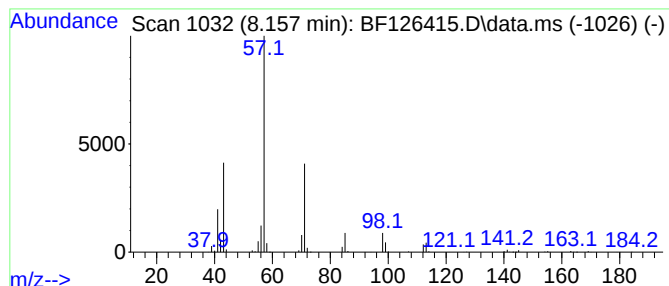
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Undecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.157	29.62 ng	2723640	Naphthalene-d8	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	91
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	87
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	78
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
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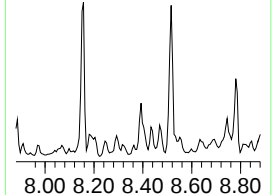
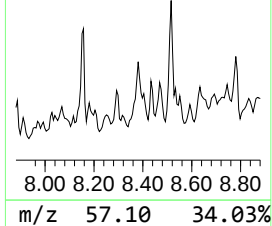
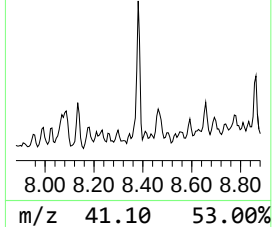
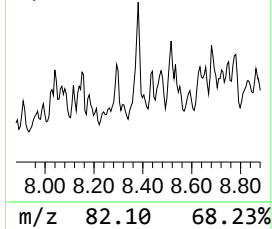
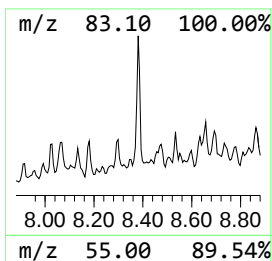
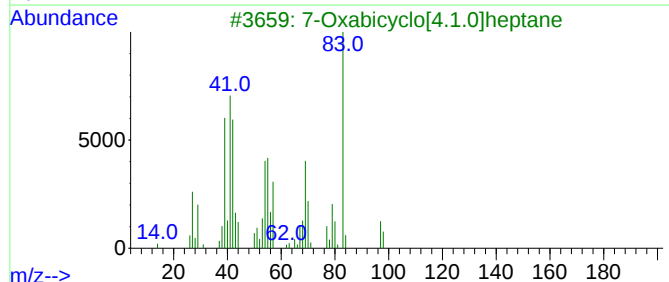
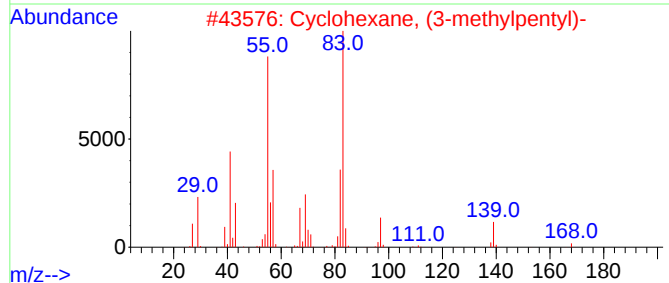
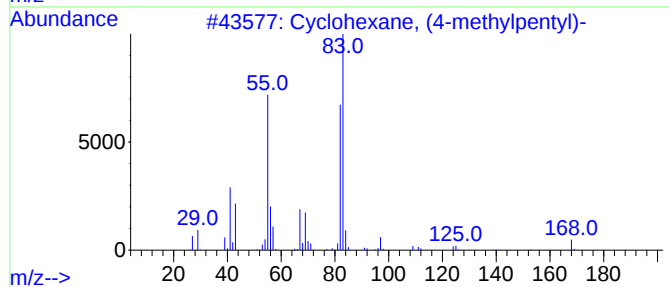
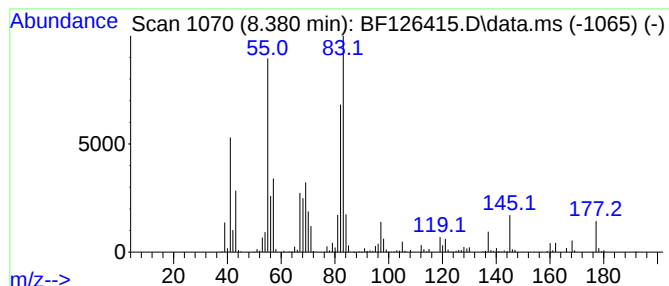
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexane, (4-methylpentyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.380	25.32 ng	2328360	Naphthalene-d8	8.081

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
2		Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	50
3		7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	43
4		Cyclohexane, (1,3-dimethylbutyl)-	168	C12H24	061142-19-6	43
5		Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126415.D
Acq On : 30 Dec 2021 12:39
Operator : JU/CG
Sample : M5241-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2S

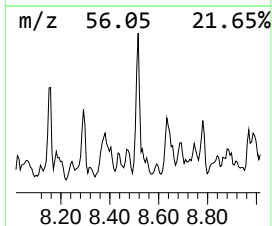
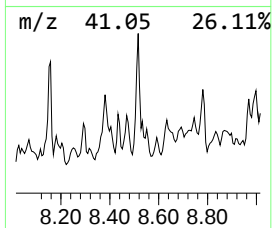
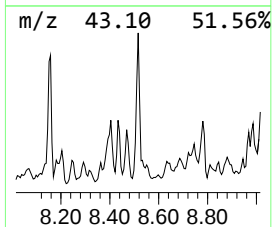
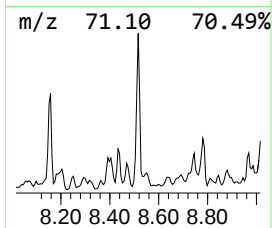
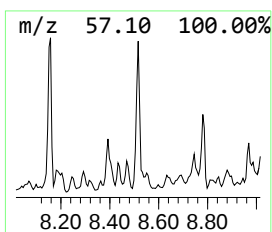
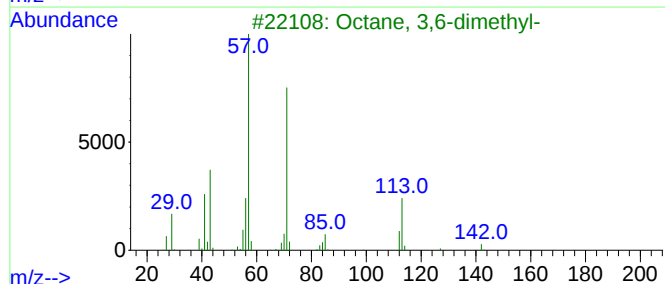
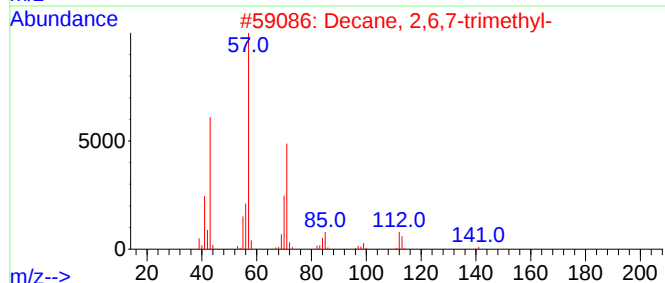
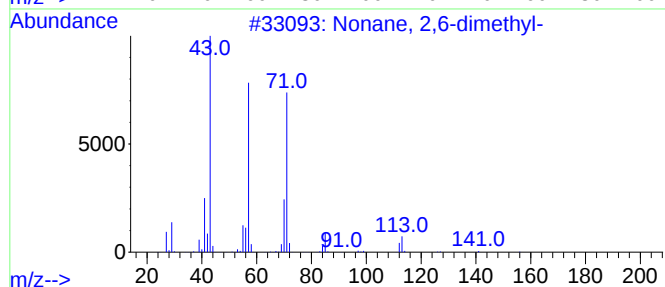
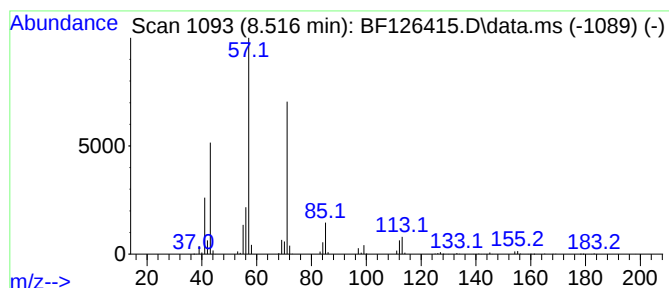
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.516	43.61 ng	4010410	Naphthalene-d8	8.081

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
2			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
5			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126415.D
Acq On : 30 Dec 2021 12:39
Operator : JU/CG
Sample : M5241-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2S

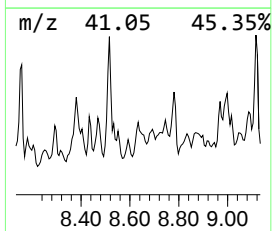
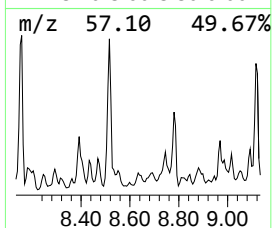
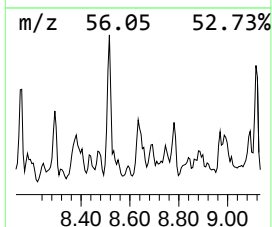
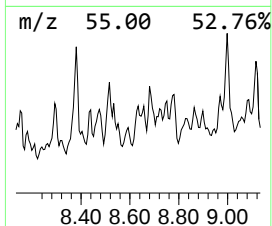
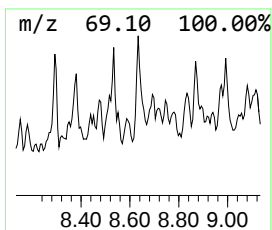
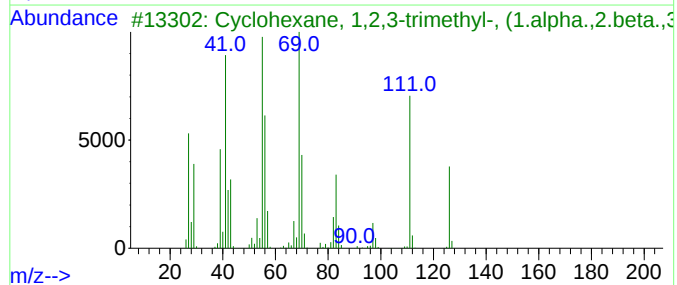
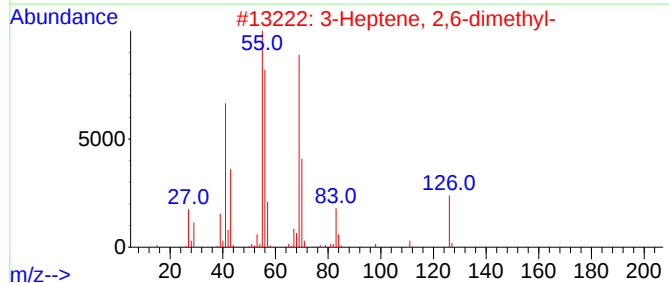
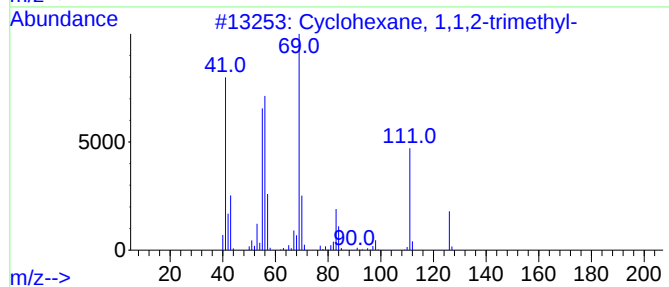
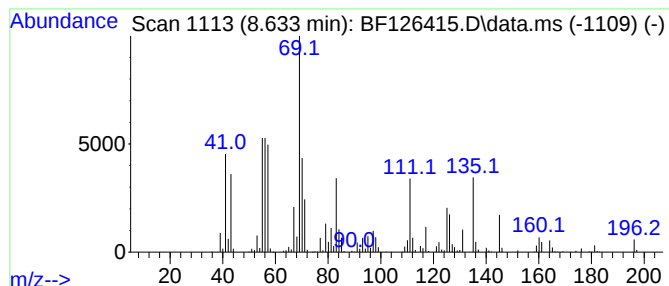
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclohexane, 1,1,2-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.633	22.24 ng	2045390	Naphthalene-d8	8.081

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	52
2			3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	50
3			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	50
4			Tridecane, 7-methylene-	196	C14H28	019780-80-4	49
5			2-Methyl-2-octene	126	C9H18	016993-86-5	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126415.D
Acq On : 30 Dec 2021 12:39
Operator : JU/CG
Sample : M5241-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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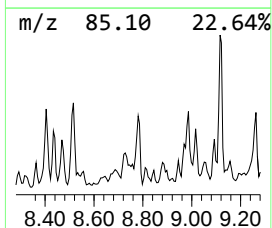
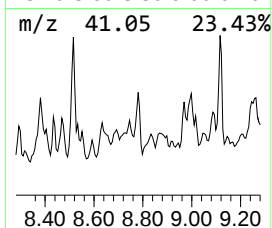
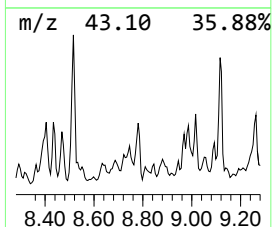
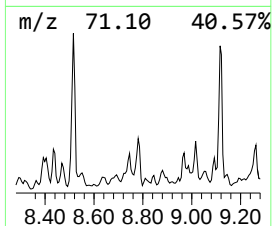
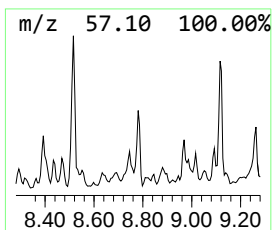
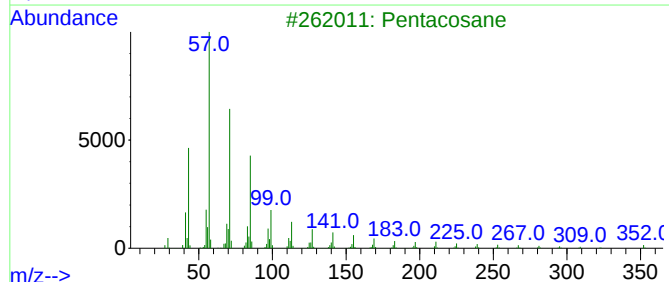
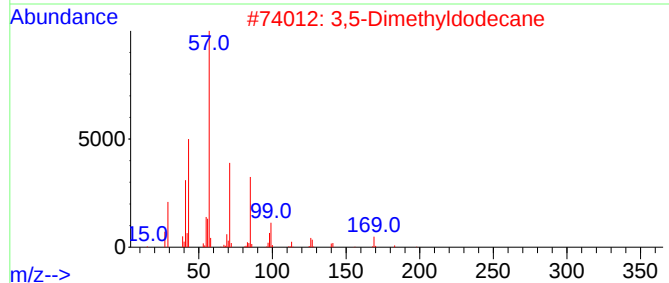
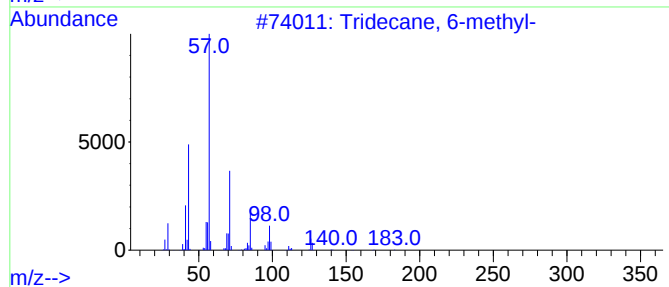
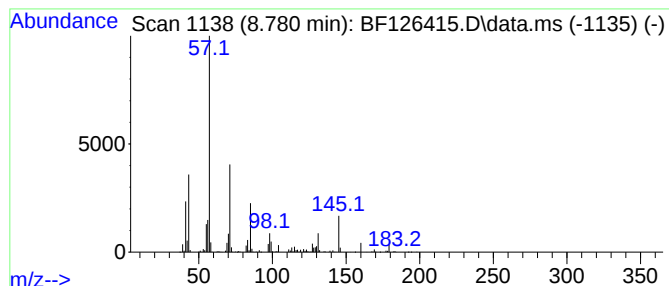
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane, 6-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.780	23.07 ng	2121090	Naphthalene-d8	8.081

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
2			3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
3			Pentacosane	352	C25H52	000629-99-2	59
4			Octane, 4-ethyl-	142	C10H22	015869-86-0	50
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126415.D
Acq On : 30 Dec 2021 12:39
Operator : JU/CG
Sample : M5241-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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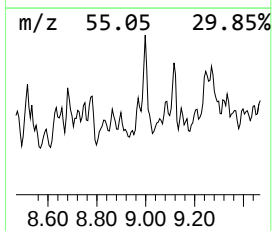
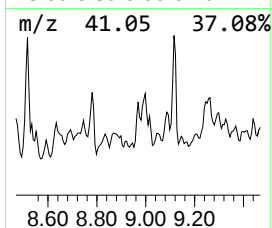
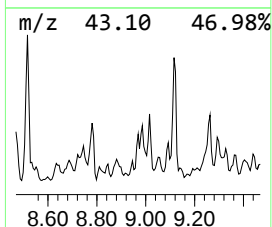
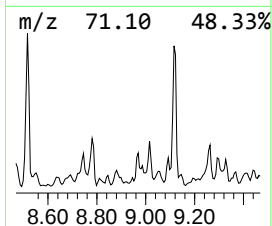
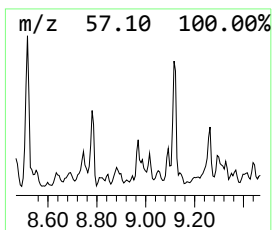
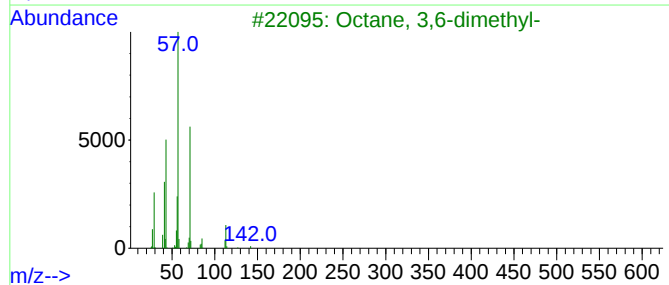
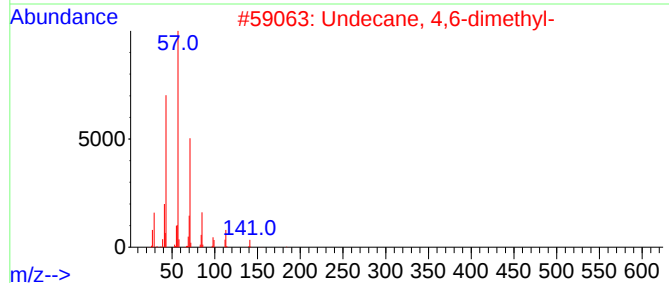
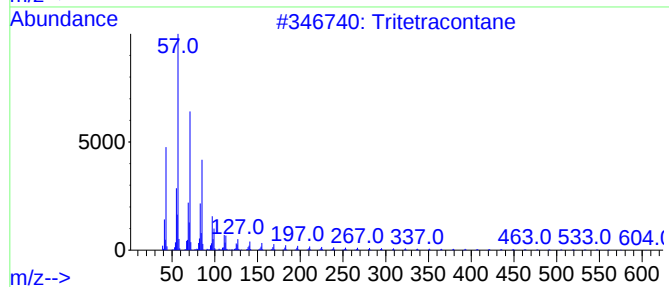
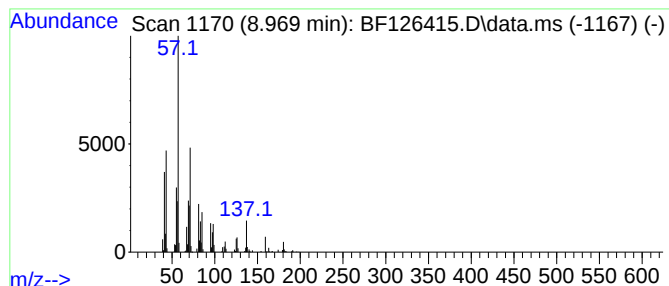
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown8.969 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.969	23.42 ng	1438100	Acenaphthene-d10	9.839

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tritetracontane	605	C43H88	007098-21-7	47
2		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	46
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
4		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	43
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126415.D
Acq On : 30 Dec 2021 12:39
Operator : JU/CG
Sample : M5241-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2S

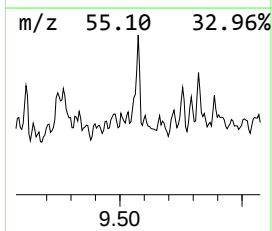
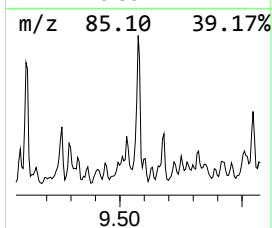
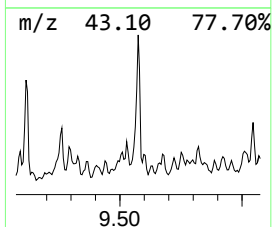
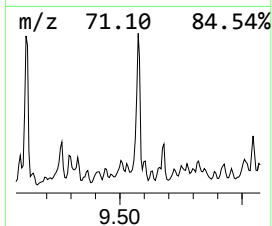
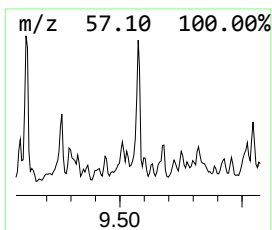
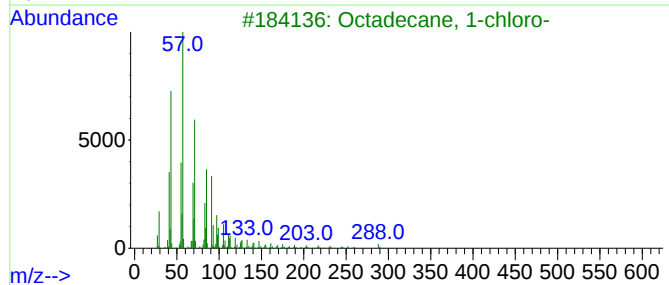
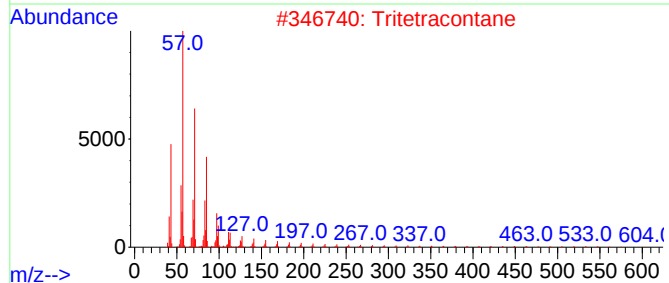
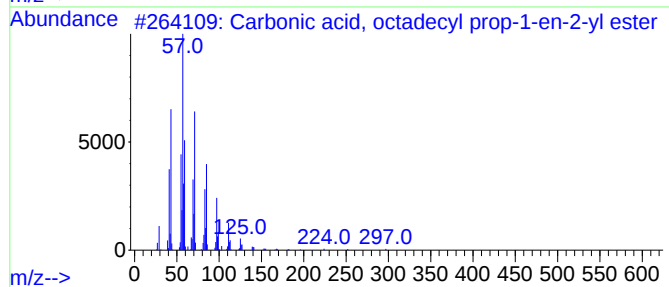
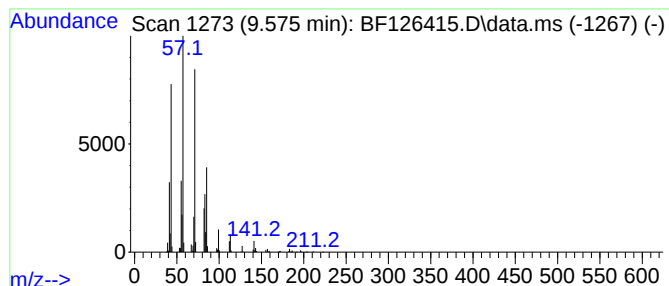
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Carbonic acid, octadecyl pr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	63.86 ng	3921970	Acenaphthene-d10	9.839

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	86
2		Tritetracontane	605	C43H88	007098-21-7	86
3		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72
4		Octacosane	394	C28H58	000630-02-4	64
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126415.D
Acq On : 30 Dec 2021 12:39
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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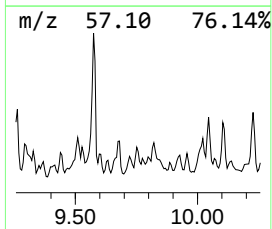
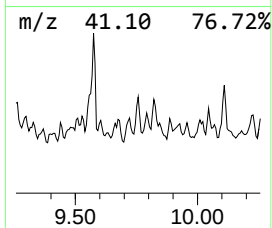
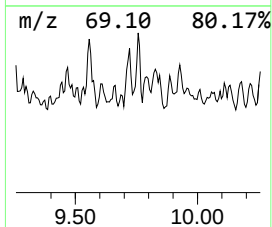
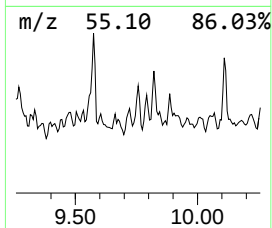
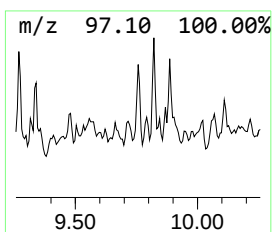
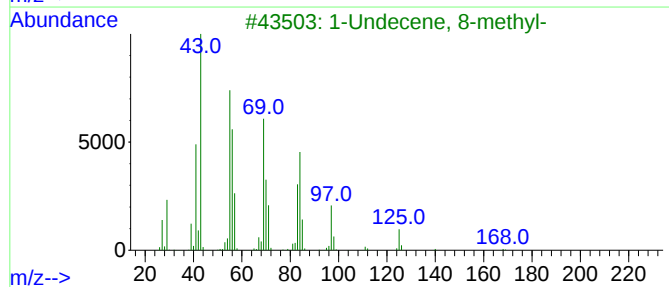
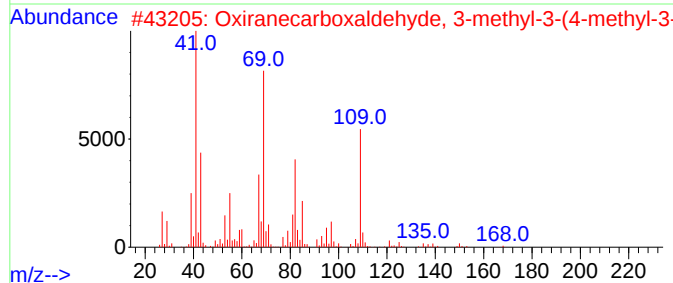
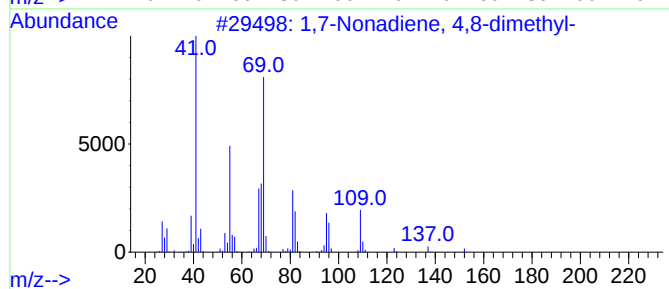
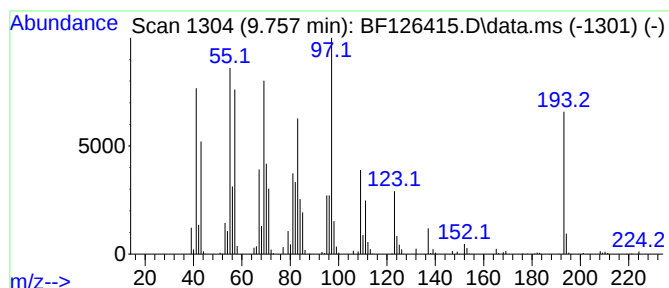
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown9.757 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.757	19.20 ng	1179400	Acenaphthene-d10	9.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,7-Nonadiene, 4,8-dimethyl-	152	C11H20	062108-28-5	46
2			Oxiranecarboxaldehyde, 3-methyl-...	168	C10H16O2	016996-12-6	38
3			1-Undecene, 8-methyl-	168	C12H24	074630-40-3	25
4			1-Undecene, 7-methyl-	168	C12H24	074630-42-5	25
5			Cyclohexane, 1-(cyclohexylmethyl)-	194	C14H26	054824-04-3	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126415.D
Acq On : 30 Dec 2021 12:39
Operator : JU/CG
Sample : M5241-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2S

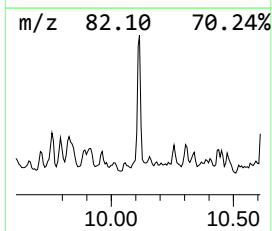
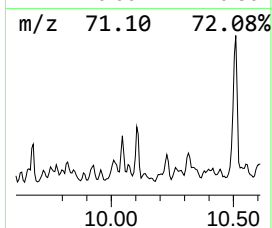
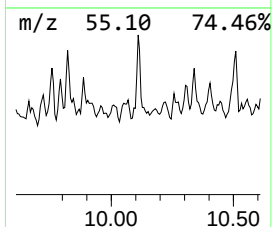
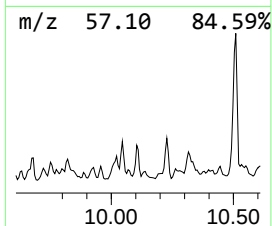
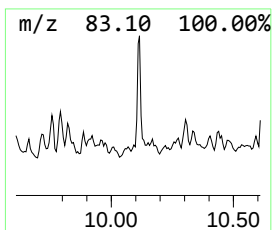
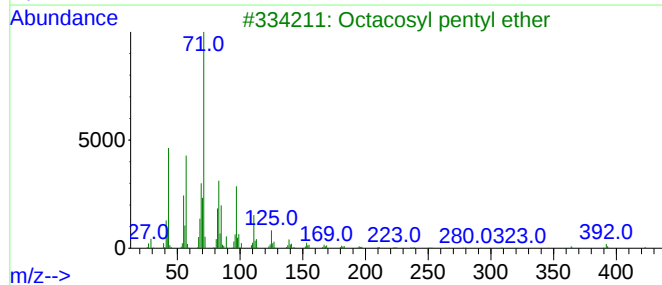
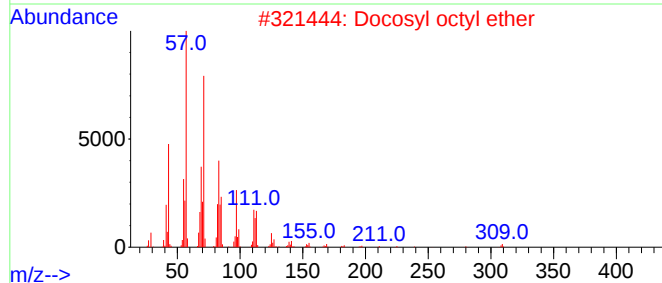
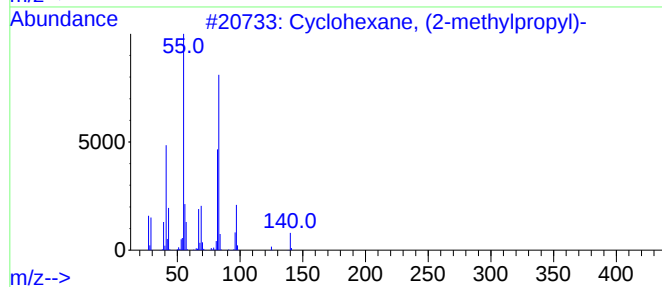
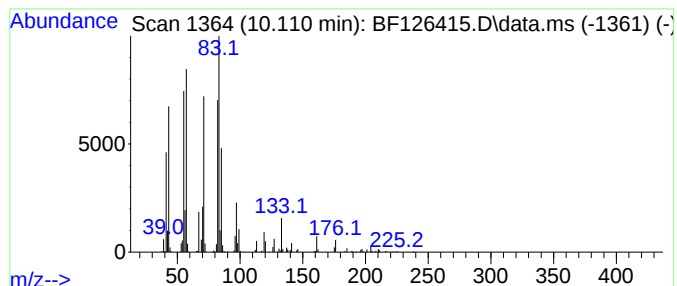
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown10.110 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.110	32.29 ng	1983110	Acenaphthene-d10	9.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	46
2			Docosyl octyl ether	438	C30H62O	1000406-38-9	38
3			Octacosyl pentyl ether	481	C33H68O	1000406-42-4	35
4			Hexacosyl pentyl ether	452	C31H64O	1000406-42-3	35
5			Tritetracontane	605	C43H88	007098-21-7	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126415.D
Acq On : 30 Dec 2021 12:39
Operator : JU/CG
Sample : M5241-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

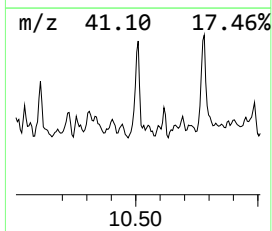
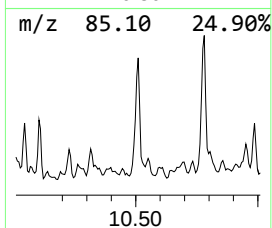
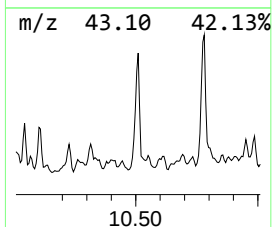
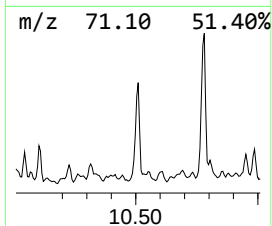
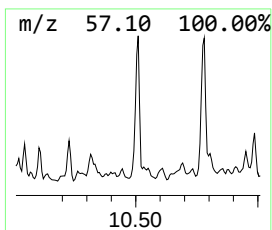
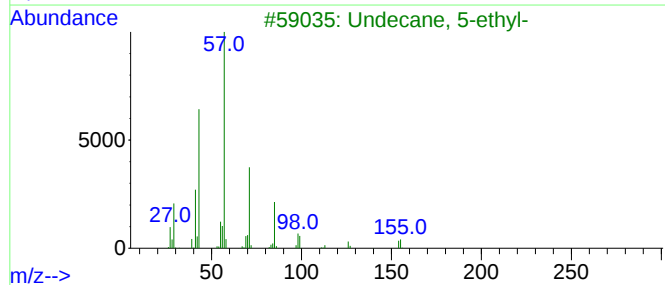
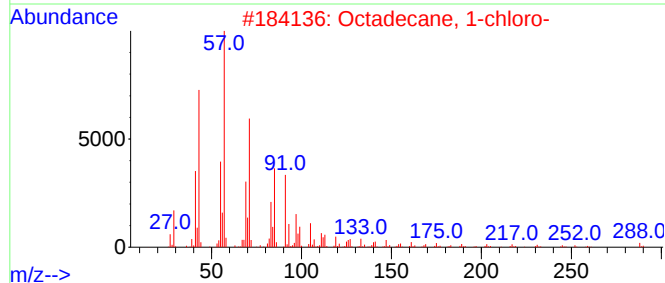
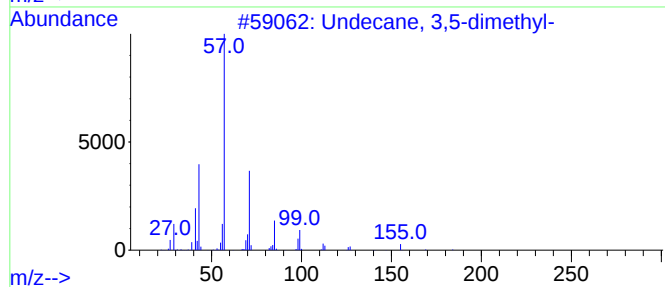
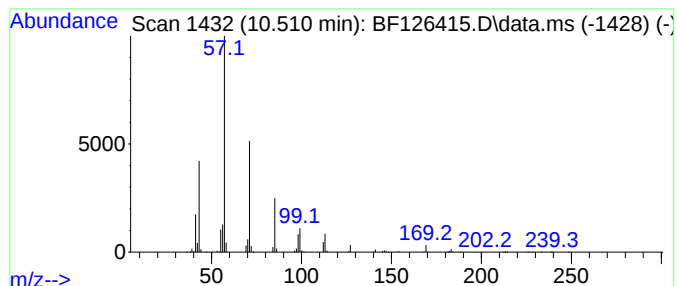
Instrument :
BNA_F
ClientSampleId :
TP-2S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Undecane, 3,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.510	56.72 ng	3483400	Acenaphthene-d10	9.839	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	83
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	83
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
4	Undecane	156	C11H24	001120-21-4	78
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126415.D
Acq On : 30 Dec 2021 12:39
Operator : JU/CG
Sample : M5241-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

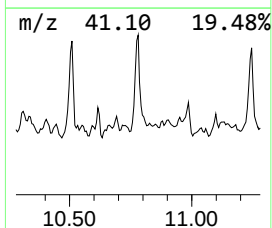
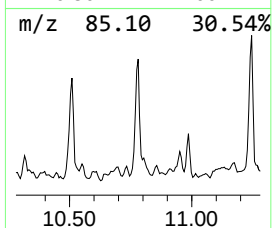
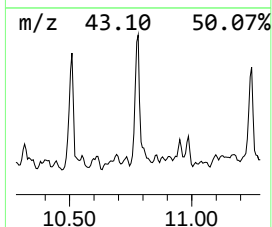
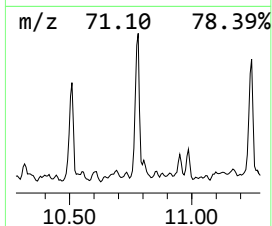
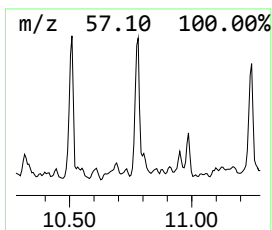
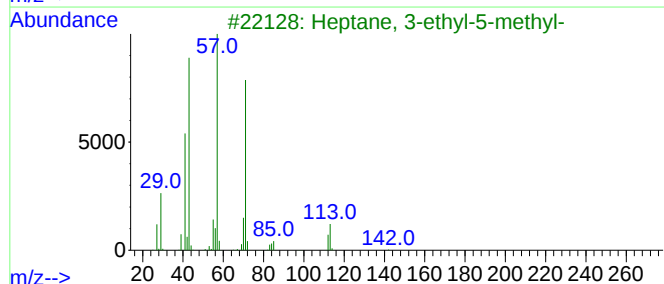
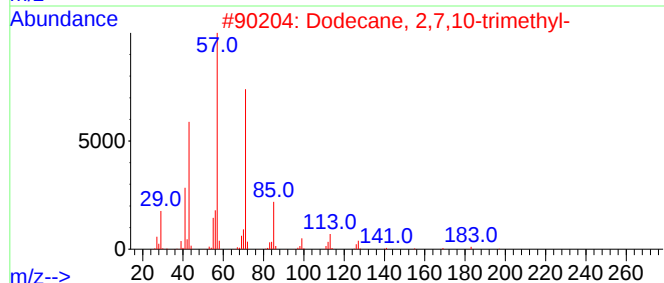
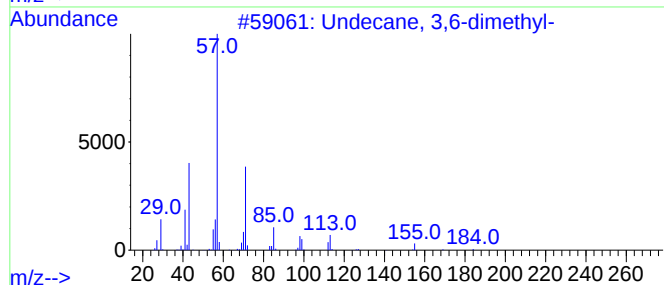
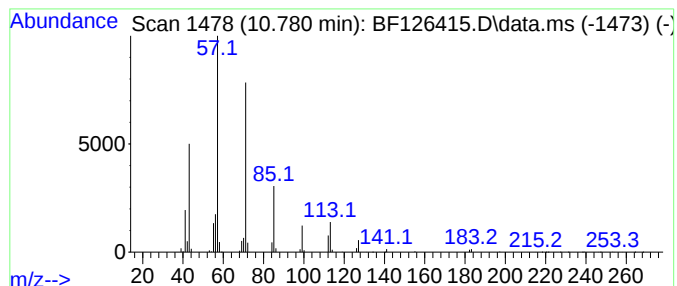
Instrument :
BNA_F
ClientSampleId :
TP-2S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Undecane, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.780	25.13 ng	4840340	Phenanthrene-d10			11.333
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	83
2	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	80
3	Heptane, 3-ethyl-5-methyl-		142	C10H22	052896-90-9	64
4	Decane, 5-propyl-		184	C13H28	017312-62-8	64
5	Oxalic acid, 2-ethylhexyl hexyl ...		286	C16H30O4	1000309-38-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126415.D
Acq On : 30 Dec 2021 12:39
Operator : JU/CG
Sample : M5241-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

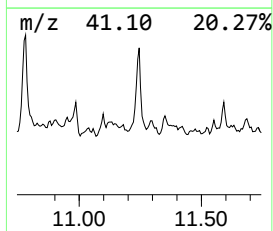
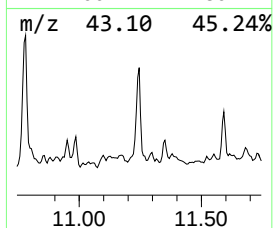
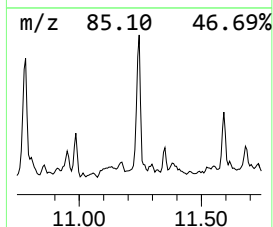
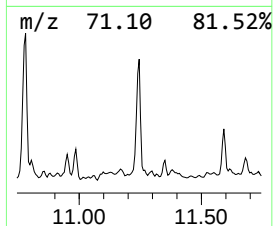
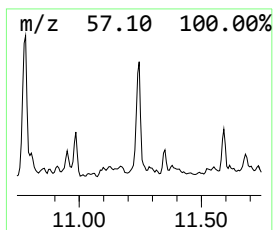
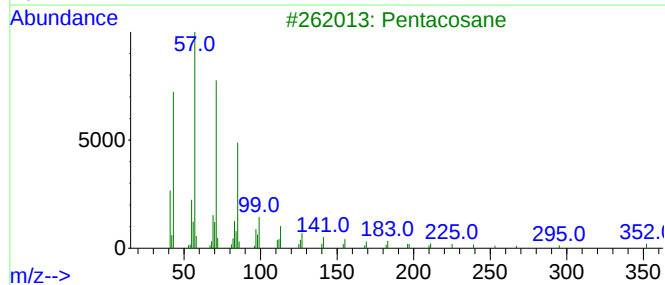
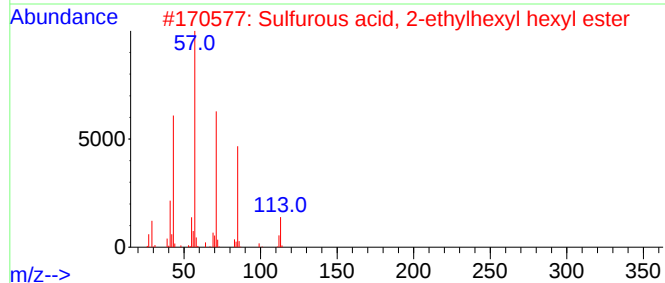
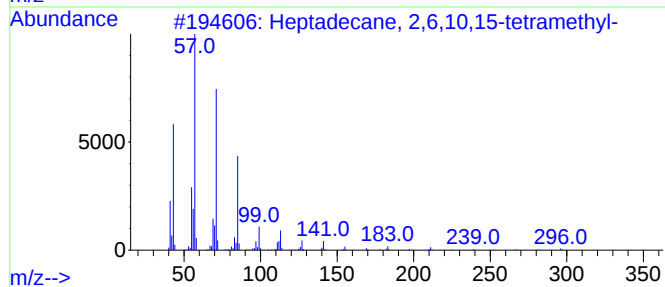
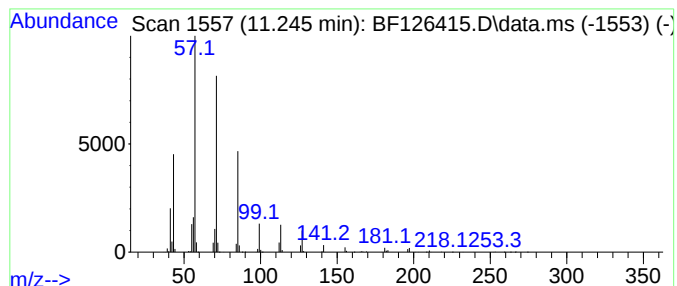
Instrument :
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ClientSampleId :
TP-2S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.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 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.245	20.00 ng	3853000	Phenanthrene-d10	11.333	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
3	Pentacosane	352	C25H52	000629-99-2	83
4	Decane, 3-methyl-	156	C11H24	013151-34-3	80
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126415.D
 Acq On : 30 Dec 2021 12:39
 Operator : JU/CG
 Sample : M5241-01 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.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...	5.957	18.3	ng	947980	1	6.798	1036260	20.0
unknown6.051	6.051	29.1	ng	1506050	1	6.798	1036260	20.0
unknown6.239	6.239	18.5	ng	959169	1	6.798	1036260	20.0
4-Octene, 2,6-d...	6.334	17.9	ng	929832	1	6.798	1036260	20.0
unknown6.951	6.951	18.3	ng	945683	1	6.798	1036260	20.0
Hexane, 1-(hexy...	7.081	22.8	ng	1183430	1	6.798	1036260	20.0
unknown7.192	7.192	18.1	ng	938229	1	6.798	1036260	20.0
Octane, 3,4,5,6...	7.516	18.8	ng	1727000	2	8.081	1839160	20.0
Undecane, 2,6-d...	8.157	29.6	ng	2723640	2	8.081	1839160	20.0
Cyclohexane, (4...	8.380	25.3	ng	2328360	2	8.081	1839160	20.0
Nonane, 2,6-dim...	8.516	43.6	ng	4010410	2	8.081	1839160	20.0
Cyclohexane, 1,...	8.633	22.2	ng	2045390	2	8.081	1839160	20.0
Tridecane, 6-me...	8.780	23.1	ng	2121090	2	8.081	1839160	20.0
unknown8.969	8.969	23.4	ng	1438100	3	9.839	1228230	20.0
Carbonic acid, ...	9.575	63.9	ng	3921970	3	9.839	1228230	20.0
unknown9.757	9.757	19.2	ng	1179400	3	9.839	1228230	20.0
unknown10.110	10.110	32.3	ng	1983110	3	9.839	1228230	20.0
Undecane, 3,5-d...	10.510	56.7	ng	3483400	3	9.839	1228230	20.0
Undecane, 3,6-d...	10.780	25.1	ng	4840340	4	11.333	3853000	20.0
Heptadecane, 2,...	11.245	20.0	ng	3853000	4	11.333	3853000	20.0