

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
 Data File : BF124255.D
 Acq On : 11 Jun 2021 3:21
 Operator : JU/CG
 Sample : M2644-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1846-75-76

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-BF060321.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124255.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.687	777	782	784	rBV2	247911	286711	15.22%	0.858%
2	6.851	805	810	814	rBV2	301454	301941	16.03%	0.904%
3	6.910	816	820	824	rBV2	80924	79964	4.25%	0.239%
4	7.122	854	856	859	rVB	148011	134253	7.13%	0.402%
5	7.169	859	864	866	rBV2	131642	168746	8.96%	0.505%
6	7.240	871	876	879	rBV2	134291	174323	9.26%	0.522%
7	7.387	896	901	903	rBV	167895	185024	9.82%	0.554%
8	7.445	909	911	914	rVB	681959	509008	27.03%	1.523%
9	7.498	914	920	923	rVB4	128089	168961	8.97%	0.506%
10	7.534	923	926	929	rBV2	141091	171183	9.09%	0.512%
11	7.622	939	941	943	rVV2	137283	126817	6.73%	0.380%
12	7.645	943	945	948	rVV2	207116	247113	13.12%	0.740%
13	7.675	948	950	953	rVB	305535	241704	12.83%	0.723%
14	7.734	956	960	962	rBV	111278	120786	6.41%	0.361%
15	7.751	962	963	965	rVV2	100439	79244	4.21%	0.237%
16	7.775	965	967	971	rVV3	98657	146242	7.76%	0.438%
17	7.816	971	974	977	rVB3	163642	213673	11.35%	0.639%
18	7.851	977	980	982	rBV	218809	208039	11.05%	0.623%
19	7.875	982	984	987	rVV4	242089	344421	18.29%	1.031%
20	7.898	987	988	991	rVV	153629	104175	5.53%	0.312%
21	7.928	991	993	994	rVV	143820	98818	5.25%	0.296%
22	7.951	994	997	999	rVB2	135665	122103	6.48%	0.365%
23	7.975	999	1001	1003	rVB	116765	86078	4.57%	0.258%
24	8.004	1003	1006	1009	rVB	165011	135048	7.17%	0.404%
25	8.039	1009	1012	1015	rBV2	104355	114561	6.08%	0.343%
26	8.087	1015	1020	1022	rBV5	92095	147730	7.84%	0.442%
27	8.116	1022	1025	1027	rVV	1090991	927699	49.26%	2.776%
28	8.134	1027	1028	1030	rVV	380275	300480	15.95%	0.899%
29	8.157	1030	1032	1034	rVV2	239560	229909	12.21%	0.688%
30	8.192	1034	1038	1041	rVB2	369623	376888	20.01%	1.128%
31	8.222	1041	1043	1046	rBV2	203480	173112	9.19%	0.518%
32	8.334	1060	1062	1065	rVB3	119237	123331	6.55%	0.369%
33	8.428	1072	1078	1084	rVB5	280987	388049	20.60%	1.161%
34	8.481	1084	1087	1090	rBV3	175054	160782	8.54%	0.481%
35	8.510	1090	1092	1096	rBV3	258043	258266	13.71%	0.773%
36	8.557	1096	1100	1102	rVV	402994	359657	19.10%	1.076%

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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-BF060321.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.598	1105	1107	1110	rVB3	109473	97213	5.16%	0.291%
38	8.639	1111	1114	1117	rBV2	247922	212427	11.28%	0.636%
39	8.728	1126	1129	1132	rBV	1392822	1016748	53.98%	3.043%
40	8.792	1137	1140	1142	rVV3	110296	127030	6.74%	0.380%
41	8.834	1142	1147	1153	rVB	520418	711166	37.76%	2.128%
42	8.910	1158	1160	1163	rBV4	68528	87416	4.64%	0.262%
43	8.957	1165	1168	1170	rVB2	171124	138224	7.34%	0.414%
44	9.010	1174	1177	1178	rBV	166425	148033	7.86%	0.443%
45	9.057	1183	1185	1187	rVV2	148343	117576	6.24%	0.352%
46	9.086	1187	1190	1194	rVB2	250229	293248	15.57%	0.878%
47	9.128	1194	1197	1199	rBV	228566	189939	10.08%	0.568%
48	9.157	1199	1202	1207	rVV2	485423	440127	23.37%	1.317%
49	9.210	1209	1211	1213	rVV2	108689	88380	4.69%	0.264%
50	9.292	1221	1225	1229	rVV	1491985	1351622	71.76%	4.045%
51	9.333	1229	1232	1235	rVV3	138501	203774	10.82%	0.610%
52	9.363	1235	1237	1240	rVV2	198468	190701	10.13%	0.571%
53	9.545	1262	1268	1270	rVV4	221637	331654	17.61%	0.993%
54	9.569	1270	1272	1275	rVV3	197470	171974	9.13%	0.515%
55	9.610	1275	1279	1281	rVV3	562675	660423	35.07%	1.976%
56	9.633	1281	1283	1286	rVV2	269346	267964	14.23%	0.802%
57	9.669	1286	1289	1292	rVB2	250857	190718	10.13%	0.571%
58	9.763	1301	1305	1308	rBV5	89703	127182	6.75%	0.381%
59	9.798	1308	1311	1312	rVV2	90639	105485	5.60%	0.316%
60	9.822	1312	1315	1318	rVV	1377844	1111518	59.02%	3.326%
61	9.863	1319	1322	1323	rVV2	117503	124717	6.62%	0.373%
62	9.892	1324	1327	1330	rVB	431117	364785	19.37%	1.092%
63	9.957	1336	1338	1342	rVB4	119427	126116	6.70%	0.377%
64	9.992	1342	1344	1350	rVB7	84337	95096	5.05%	0.285%
65	10.051	1350	1354	1357	rBV2	182096	273784	14.54%	0.819%
66	10.080	1357	1359	1361	rVV	149106	134047	7.12%	0.401%
67	10.110	1361	1364	1366	rVB	105017	101756	5.40%	0.305%
68	10.139	1366	1369	1373	rBV2	262098	310685	16.50%	0.930%
69	10.175	1373	1375	1378	rVB	144987	122216	6.49%	0.366%
70	10.210	1378	1381	1385	rBV5	69444	129592	6.88%	0.388%
71	10.322	1397	1400	1402	rVV	1235816	920825	48.89%	2.756%
72	10.380	1407	1410	1414	rVB6	107067	158626	8.42%	0.475%
73	10.422	1414	1417	1420	rBV4	66998	106919	5.68%	0.320%
74	10.539	1432	1437	1440	rBV	406581	531973	28.25%	1.592%
75	10.592	1443	1446	1449	rVV	126251	92570	4.92%	0.277%
76	10.622	1449	1451	1455	rVV2	110872	123177	6.54%	0.369%

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77	10.657	1455	1457	1459	rVB2	170427	122643	6.51%	0.367%
78	10.792	1477	1480	1489	rBV	995007	1272087	67.54%	3.807%
79	10.986	1510	1513	1514	rBV	136944	126762	6.73%	0.379%
80	11.116	1532	1535	1537	rVV	129738	103278	5.48%	0.309%
81	11.239	1553	1556	1559	rBV	728900	668252	35.48%	2.000%
82	11.269	1559	1561	1568	rVB2	394901	486037	25.81%	1.455%
83	11.380	1577	1580	1583	rBV	346027	290172	15.41%	0.868%
84	11.422	1584	1587	1592	rVV2	132300	208678	11.08%	0.624%
85	11.551	1607	1609	1612	rBV	142582	114606	6.09%	0.343%
86	11.669	1626	1629	1632	rBV	664682	558851	29.67%	1.672%
87	11.769	1643	1646	1649	rVB	499125	387233	20.56%	1.159%
88	11.833	1654	1657	1659	rBV	230908	259524	13.78%	0.777%
89	11.904	1666	1669	1672	rBV2	232699	219792	11.67%	0.658%
90	11.927	1672	1673	1677	rVB2	95747	90627	4.81%	0.271%
91	11.969	1677	1680	1683	rBV3	229238	301245	15.99%	0.902%
92	12.080	1696	1699	1702	rBV	648237	634692	33.70%	1.899%
93	12.233	1722	1725	1726	rBV2	358471	339825	18.04%	1.017%
94	12.369	1745	1748	1752	rBV	315221	493931	26.23%	1.478%
95	12.463	1760	1764	1765	rBV	1283854	1201068	63.77%	3.594%
96	12.486	1765	1768	1770	rVB	1949267	1883408	100.00%	5.636%
97	12.622	1788	1791	1794	rBV2	606992	901195	47.85%	2.697%
98	12.857	1828	1831	1833	rBV	792812	884469	46.96%	2.647%
99	12.933	1842	1844	1847	rVB	638666	599112	31.81%	1.793%
100	13.351	1912	1915	1918	rBV	929242	1155739	61.36%	3.459%

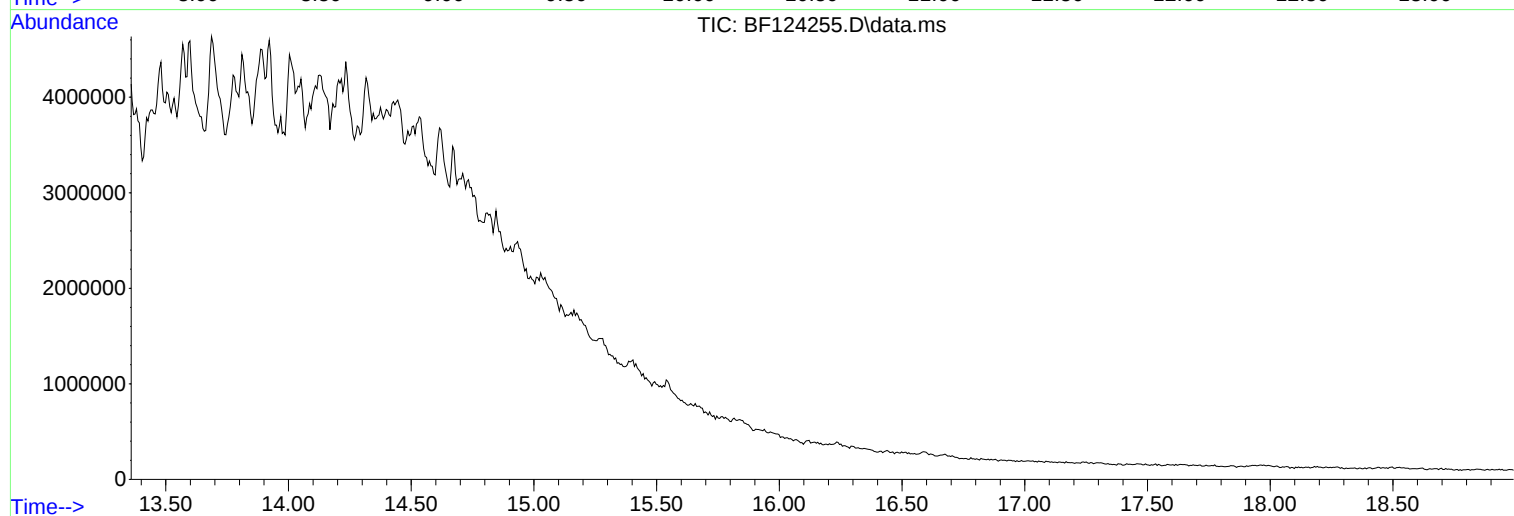
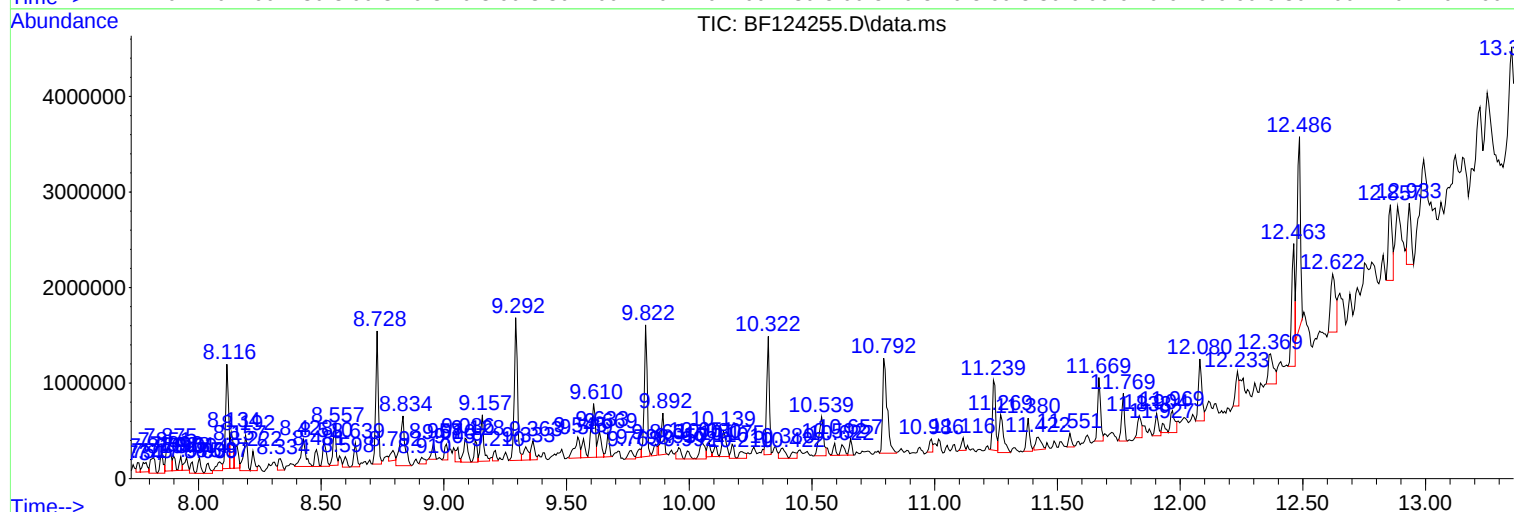
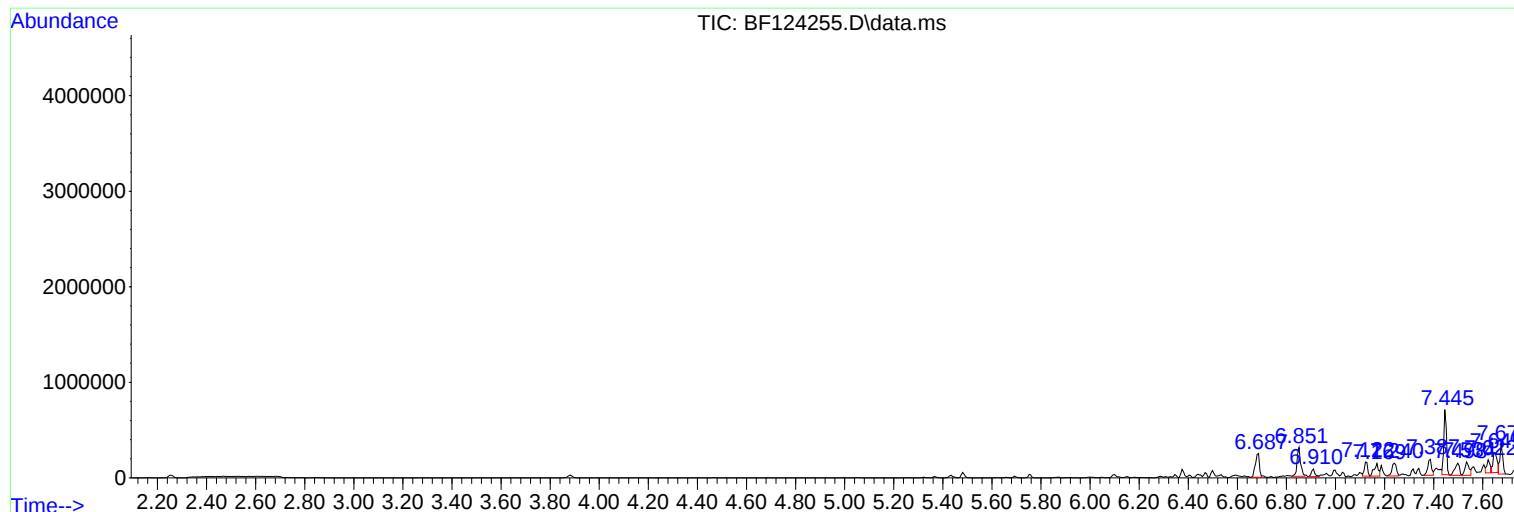
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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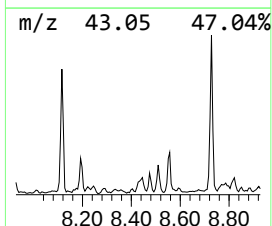
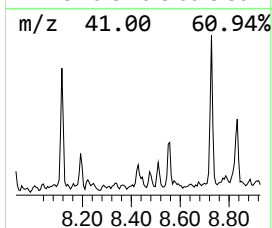
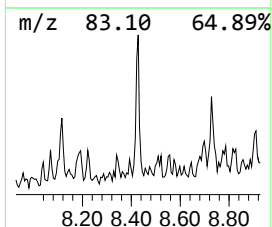
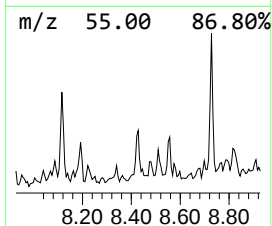
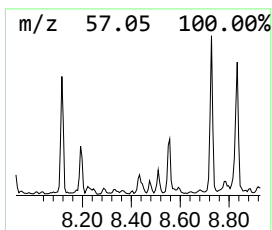
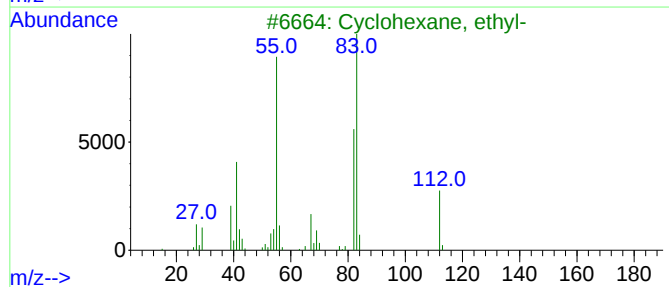
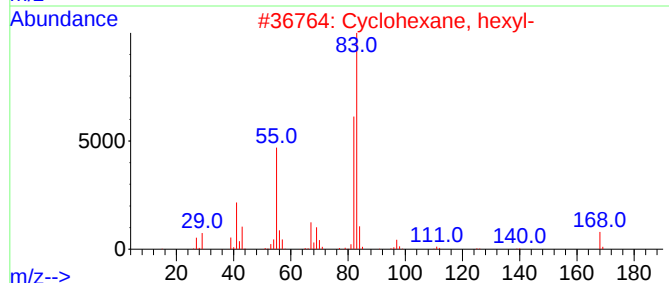
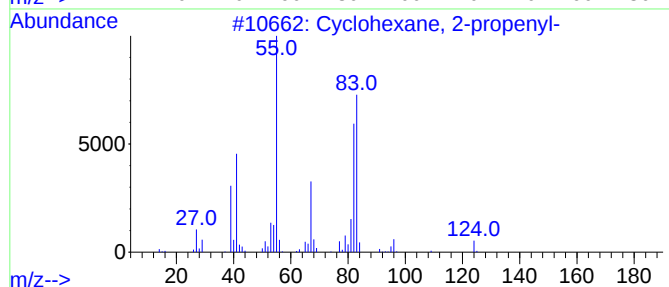
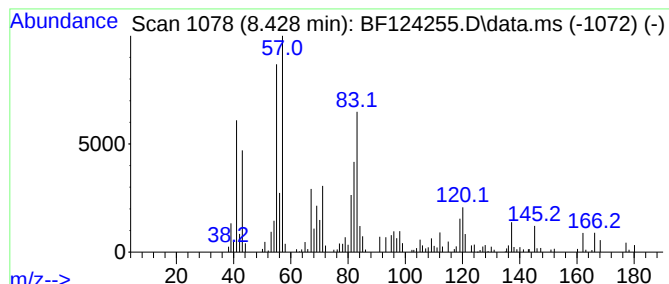
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown8.428 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.428	25.83 ng	388049	Naphthalene-d8	8.134

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	45
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	43
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	43
4		Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	38
5		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38



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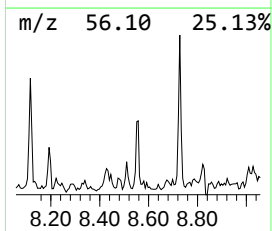
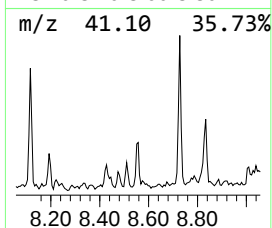
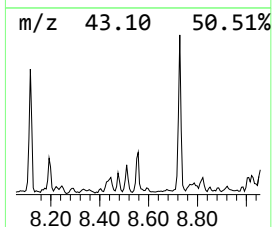
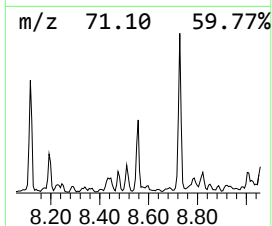
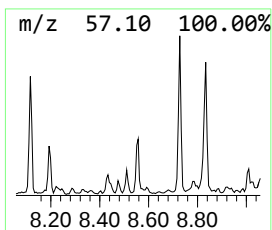
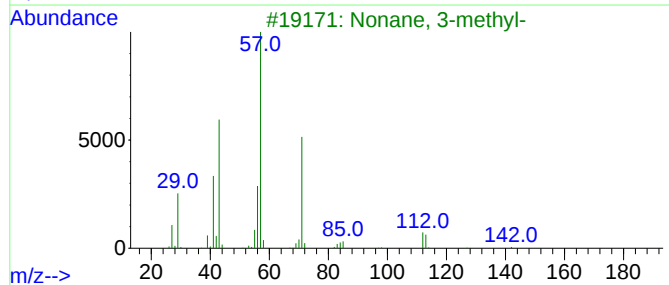
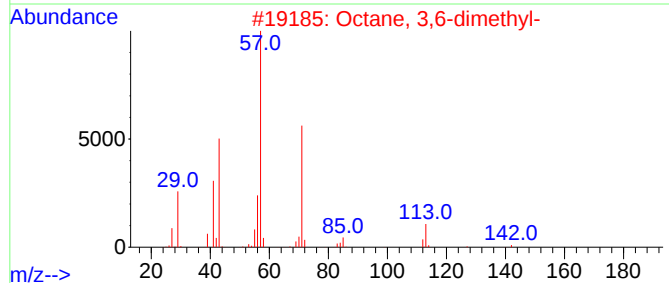
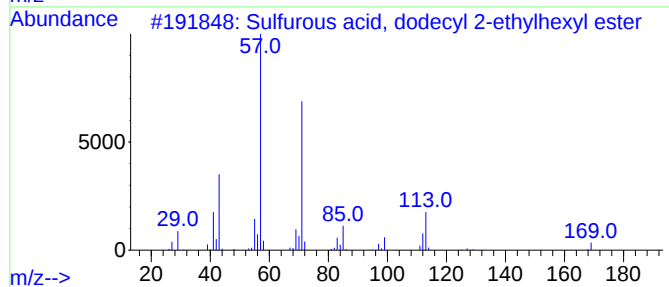
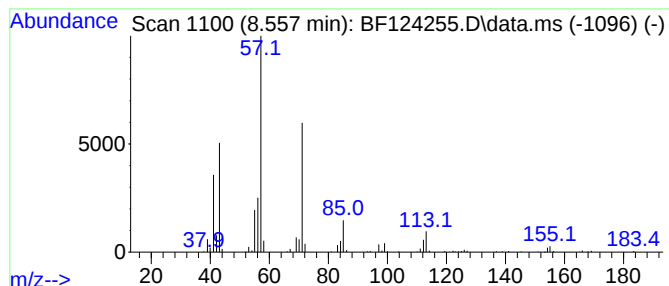
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Sulfurous acid, dodecyl 2-e... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.557	23.94 ng	359657	Naphthalene-d8	8.134

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	64
4			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
5			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	59



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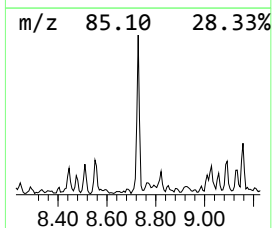
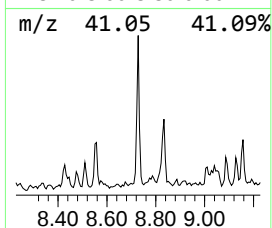
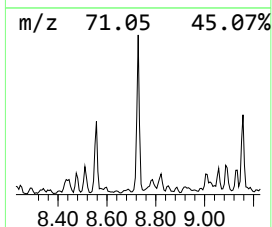
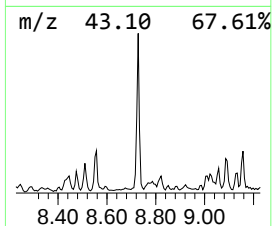
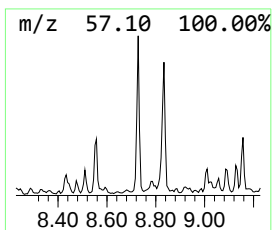
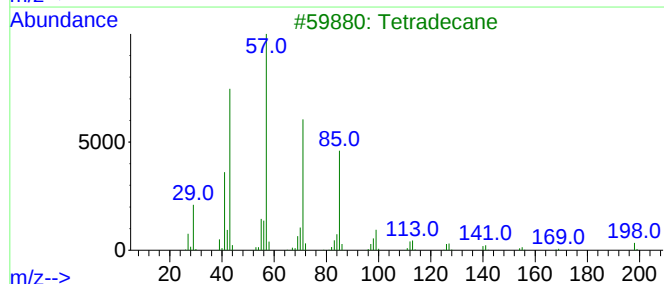
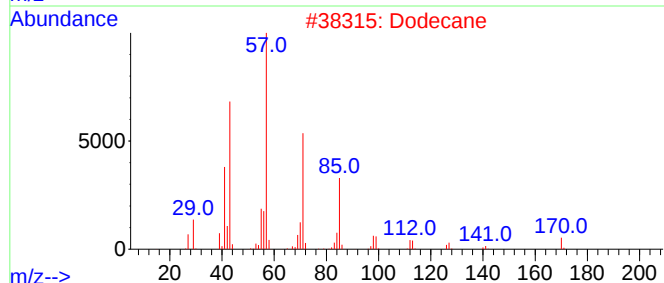
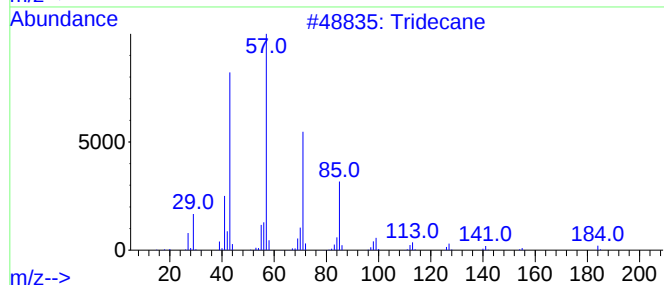
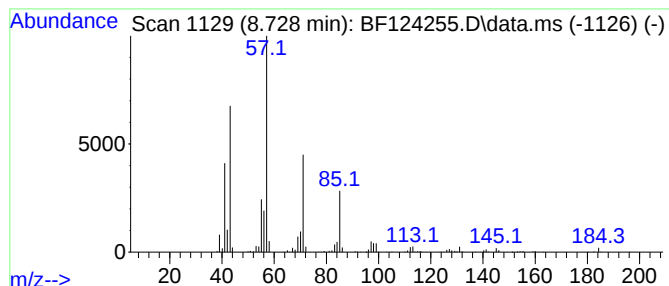
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.728	67.67 ng	1016750	Naphthalene-d8	8.134

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Dodecane	170	C12H26	000112-40-3	90
3			Tetradecane	198	C14H30	000629-59-4	72
4			Hexadecane	226	C16H34	000544-76-3	72
5			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124255.D
Acq On : 11 Jun 2021 3:21
Operator : JU/CG
Sample : M2644-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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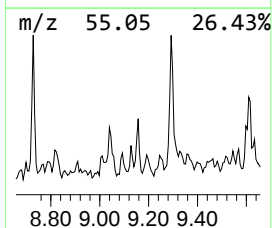
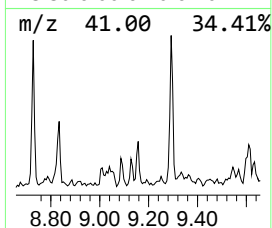
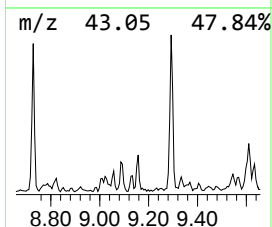
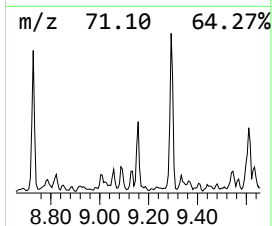
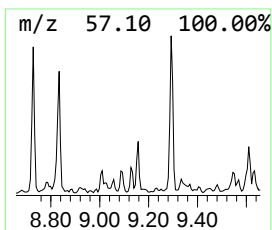
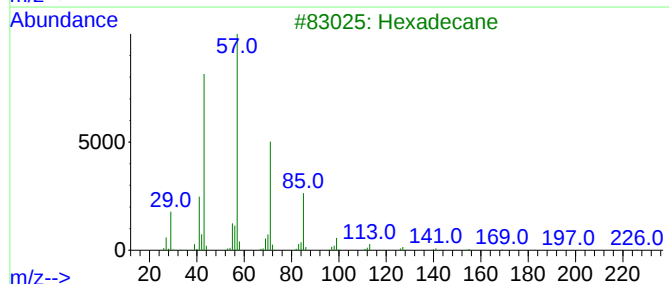
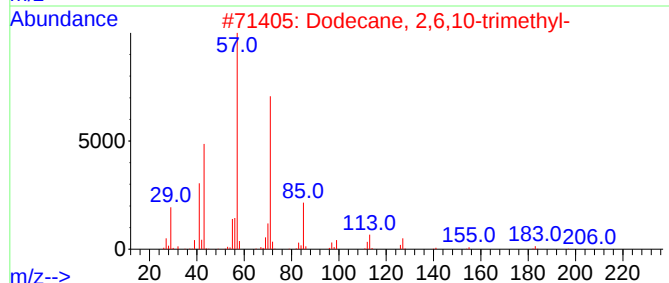
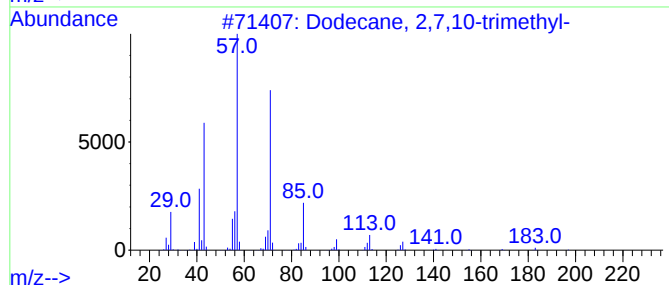
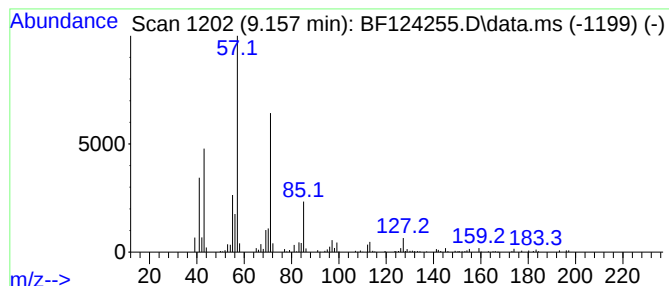
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.157	24.13 ng	440127	Acenaphthene-d10	9.892

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	86
3			Hexadecane	226	C16H34	000544-76-3	80
4			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
5			Tridecane	184	C13H28	000629-50-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
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ClientSampleId :
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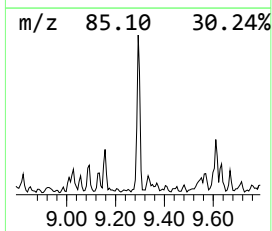
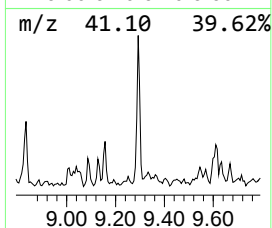
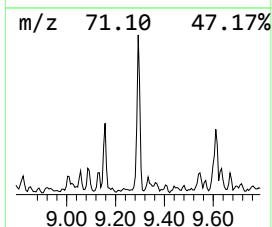
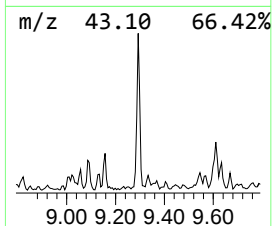
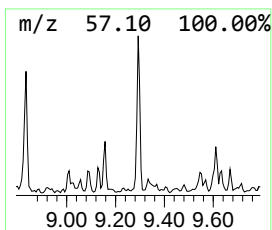
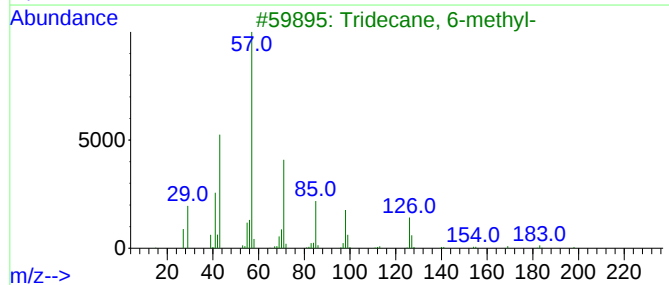
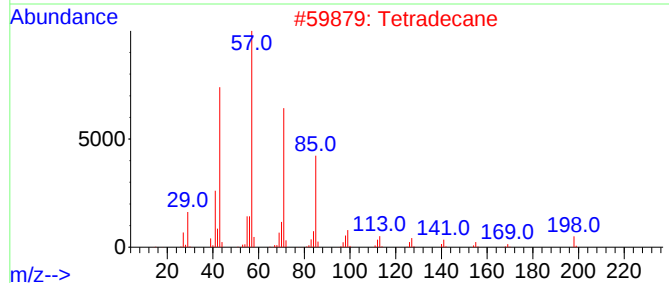
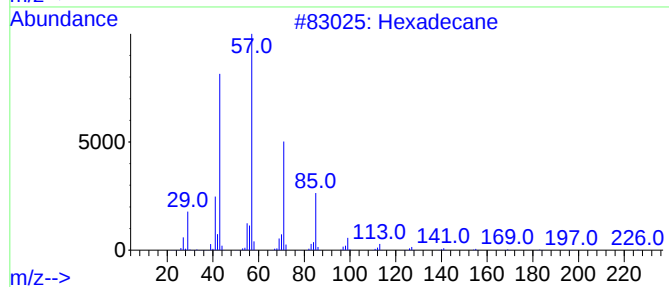
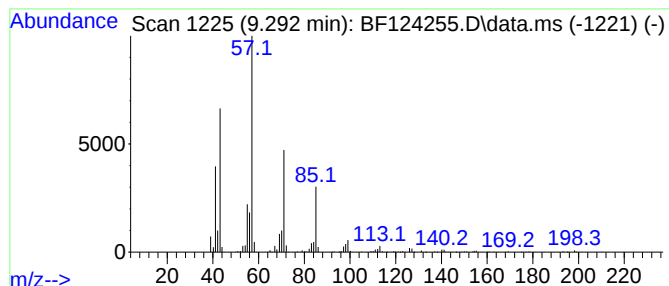
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.292	74.11 ng	1351620	Acenaphthene-d10	9.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Tetradecane	198	C14H30	000629-59-4	87
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
4			9-methylheptadecane	254	C18H38	026741-18-4	83
5			Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124255.D
Acq On : 11 Jun 2021 3:21
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Misc :
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ClientSampleId :
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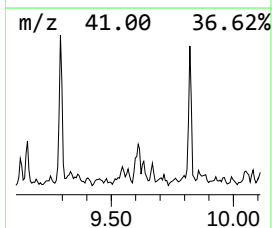
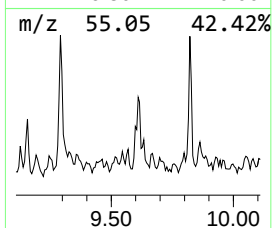
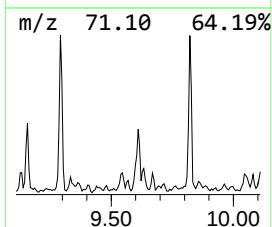
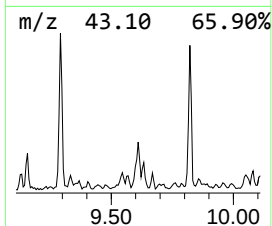
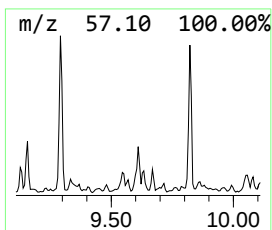
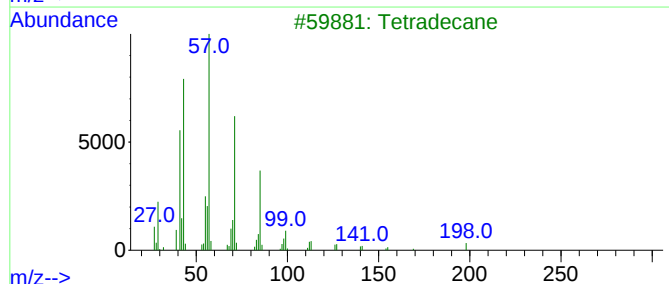
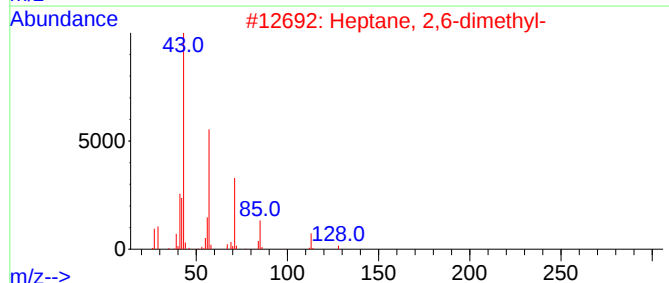
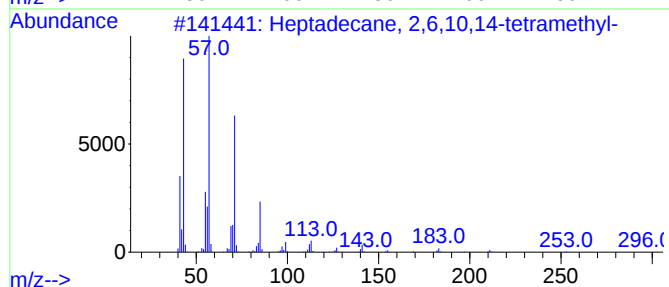
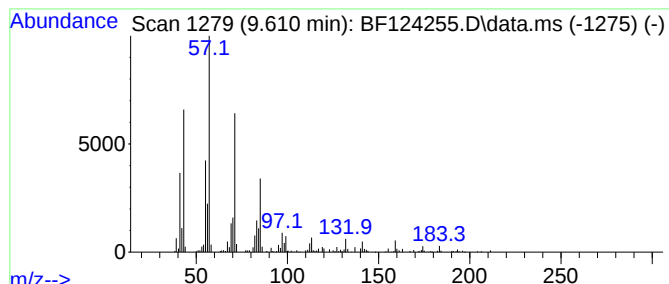
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptadecane, 2,6,10,14-tetr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	36.21 ng	660423	Acenaphthene-d10	9.892

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	83
2		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	80
3		Tetradecane	198	C14H30	000629-59-4	80
4		Nonadecane	268	C19H40	000629-92-5	72
5		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
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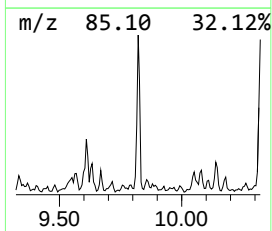
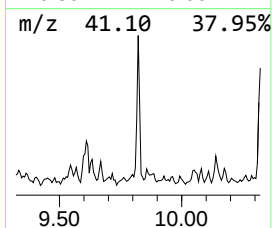
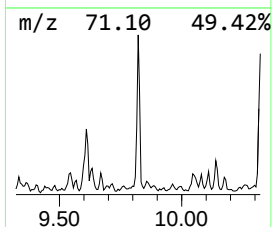
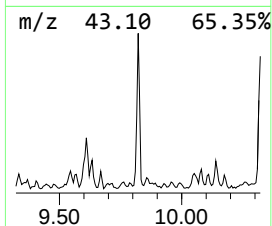
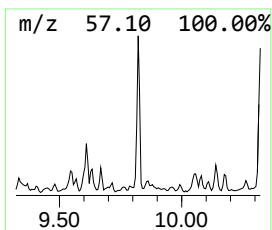
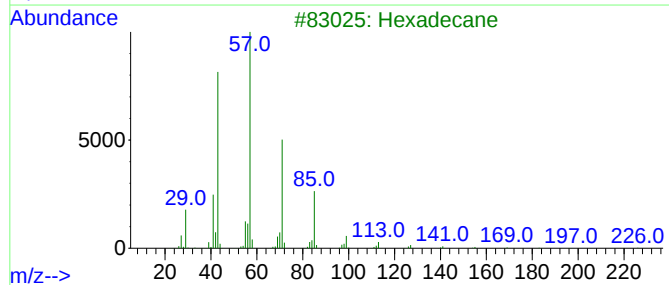
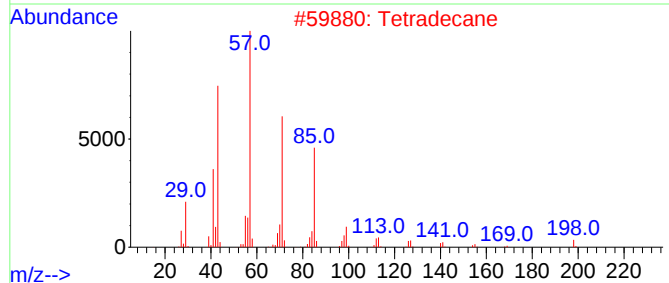
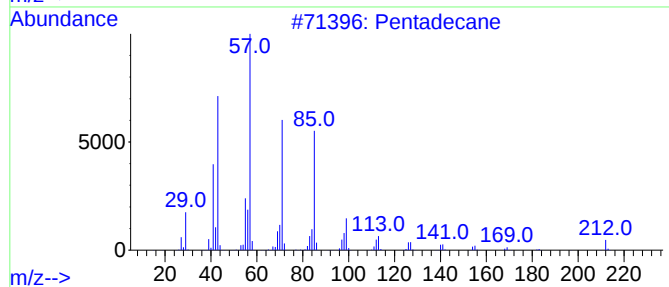
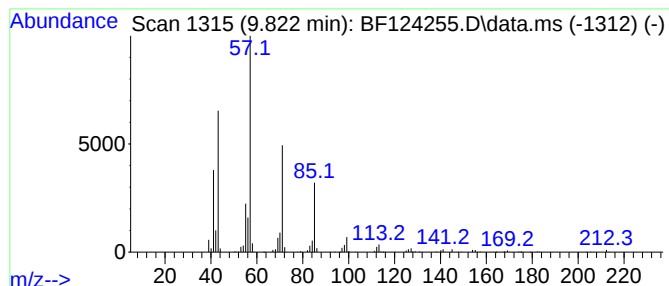
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.822	60.94 ng	1111520	Acenaphthene-d10	9.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	95
2			Tetradecane	198	C14H30	000629-59-4	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Tridecane	184	C13H28	000629-50-5	86
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
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Sample : M2644-01 10X
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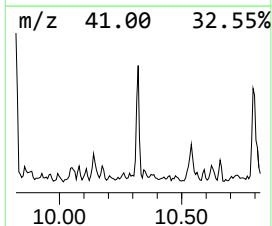
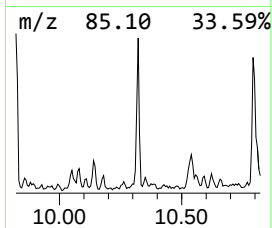
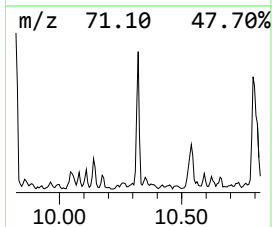
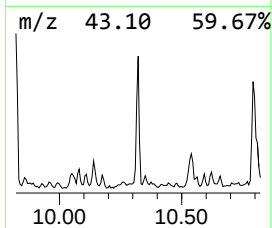
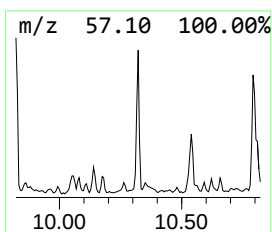
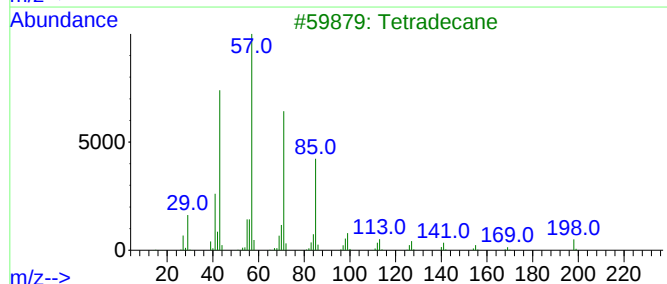
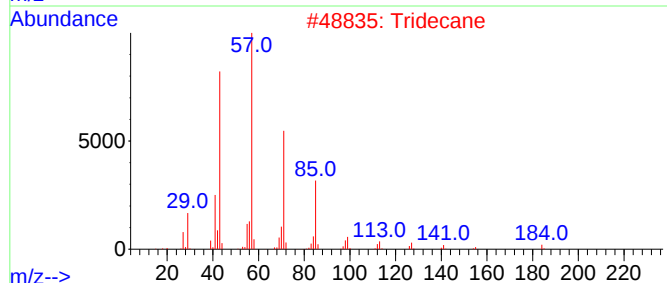
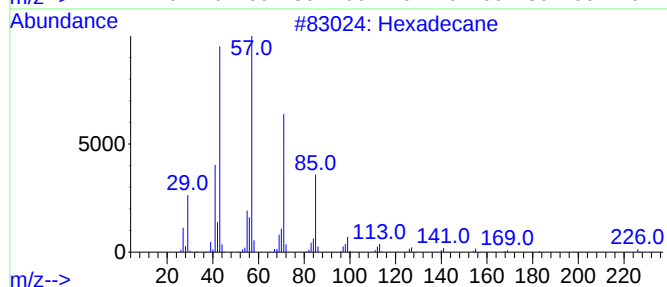
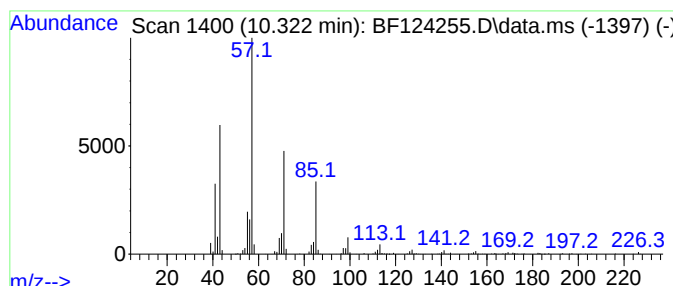
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.322	50.49 ng	920825	Acenaphthene-d10	9.892	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tridecane	184	C13H28	000629-50-5	90
3	Tetradecane	198	C14H30	000629-59-4	80
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
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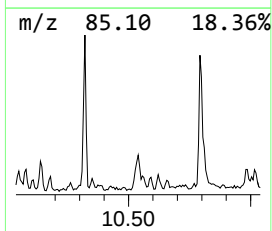
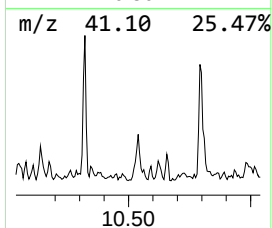
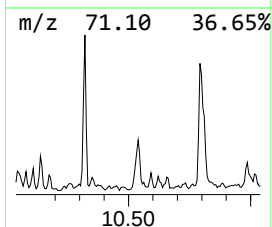
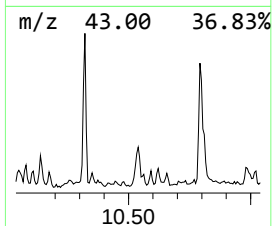
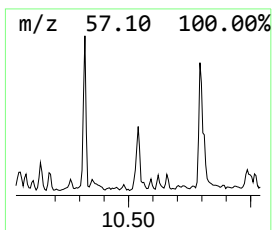
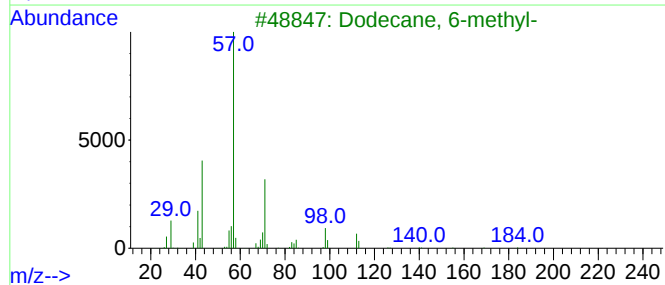
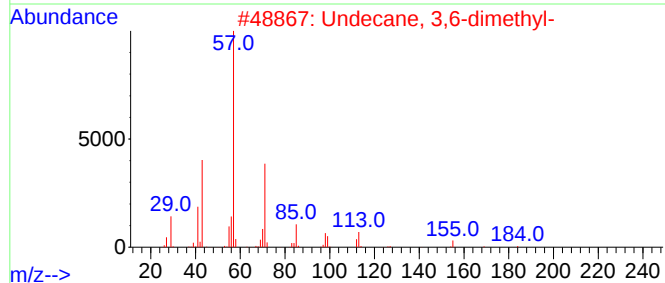
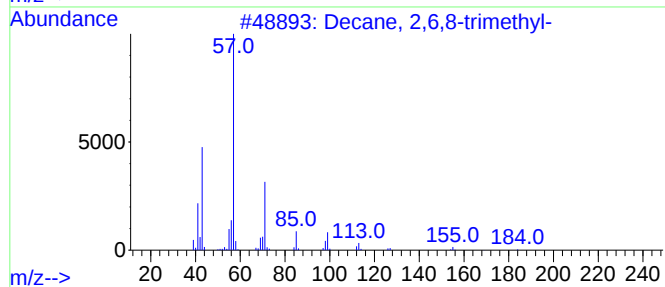
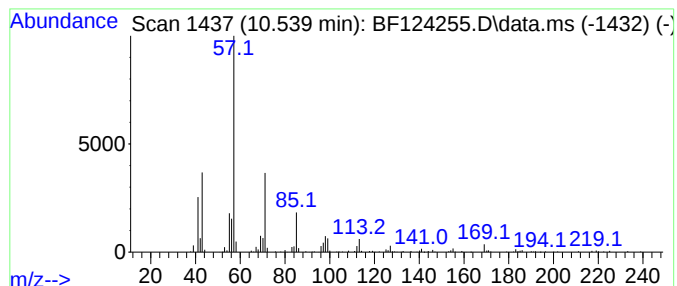
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Decane, 2,6,8-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	29.17 ng	531973	Acenaphthene-d10	9.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	90
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
3			Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
4			5-Ethyldecane	170	C12H26	017302-36-2	64
5			Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
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Operator : JU/CG
Sample : M2644-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

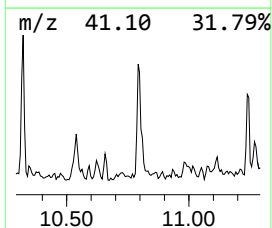
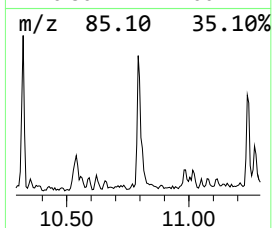
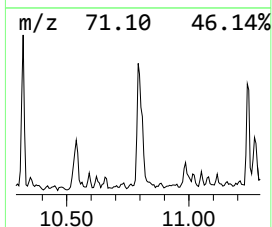
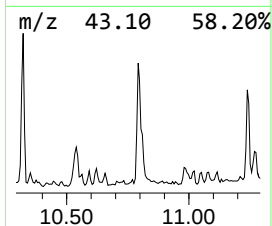
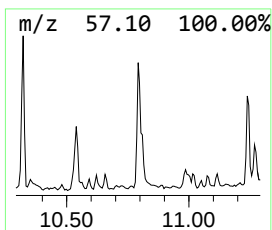
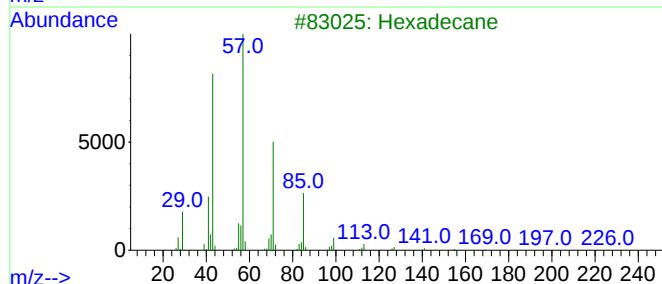
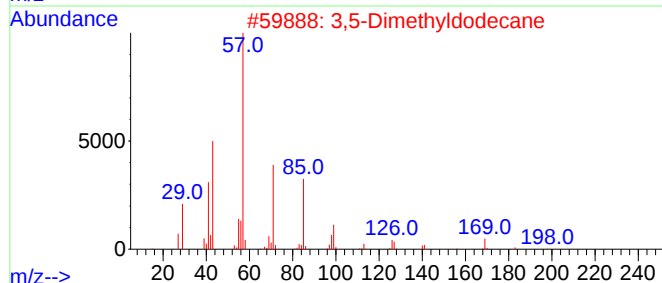
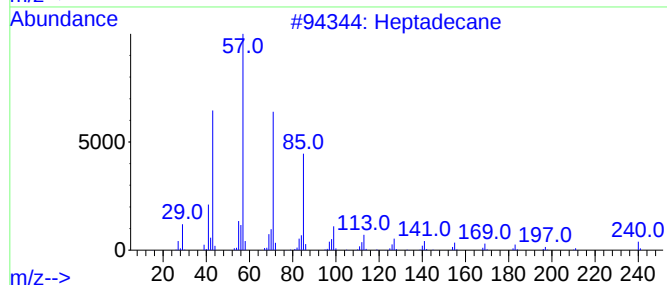
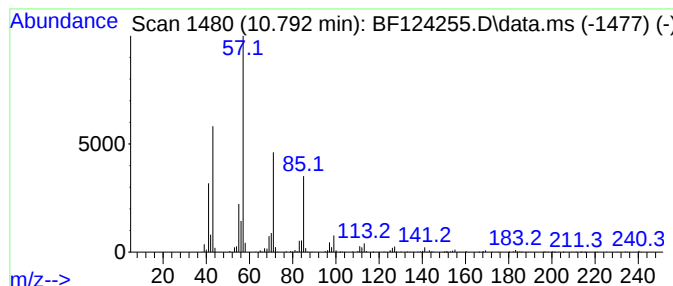
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.792	87.68 ng	1272090	Phenanthrene-d10		11.380	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	90
2	3,5-Dimethyldodecane		198	C14H30	107770-99-0	87
3	Hexadecane		226	C16H34	000544-76-3	86
4	Pentadecane		212	C15H32	000629-62-9	86
5	Tridecane, 6-methyl-		198	C14H30	013287-21-3	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124255.D
Acq On : 11 Jun 2021 3:21
Operator : JU/CG
Sample : M2644-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

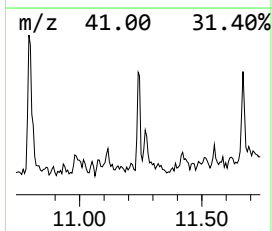
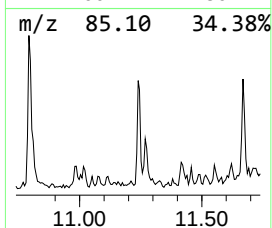
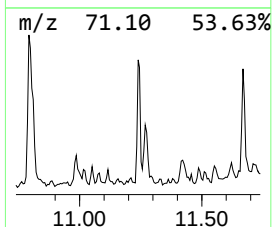
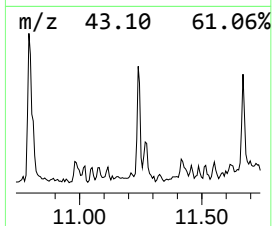
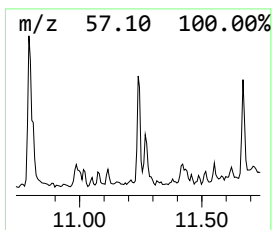
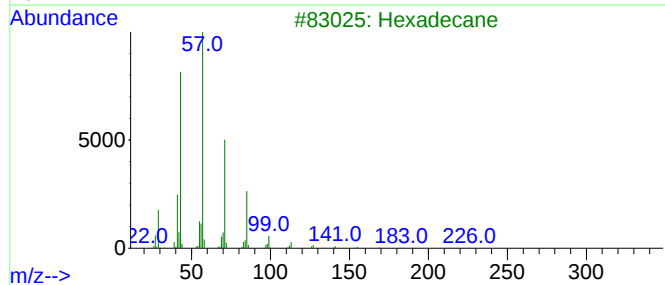
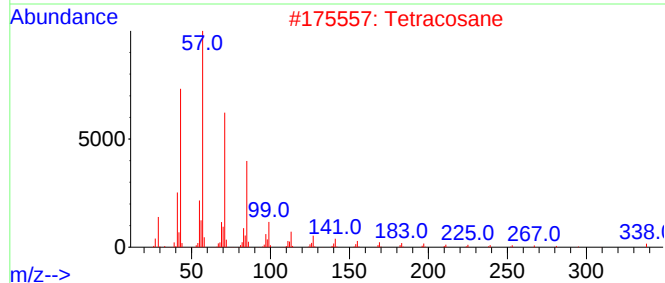
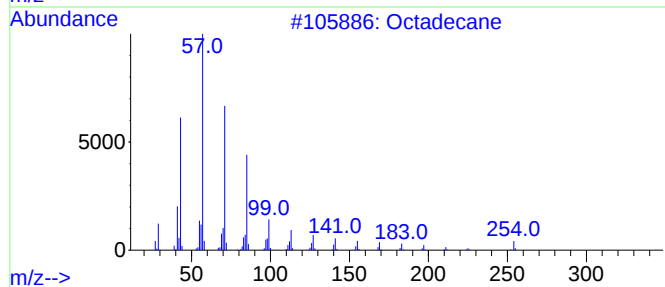
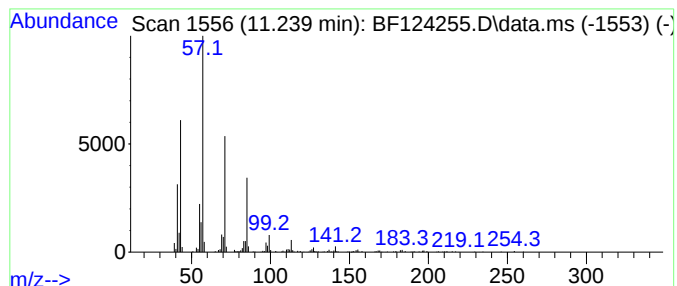
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.239	46.06 ng	668252	Phenanthrene-d10		11.380	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	91
2	Tetracosane		338	C24H50	000646-31-1	90
3	Hexadecane		226	C16H34	000544-76-3	86
4	Heneicosane		296	C21H44	000629-94-7	83
5	Silane, trichlorooctadecyl-		386	C18H37Cl3Si	000112-04-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
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Instrument :
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ClientSampleId :
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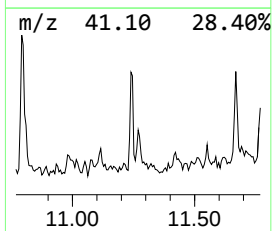
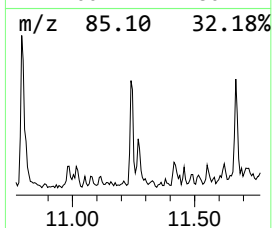
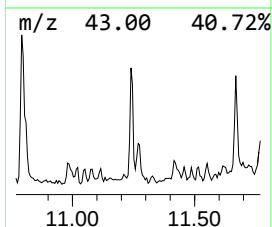
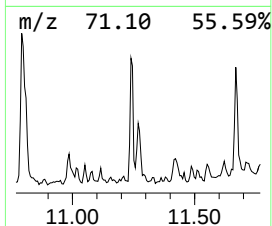
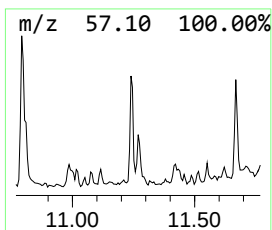
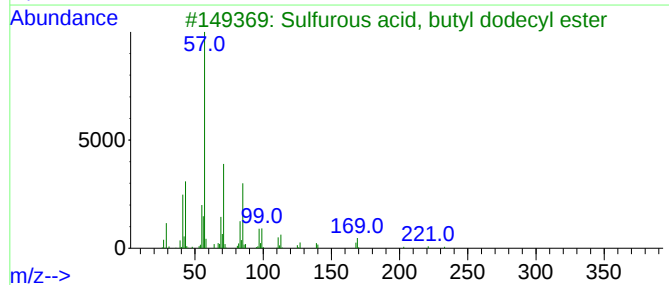
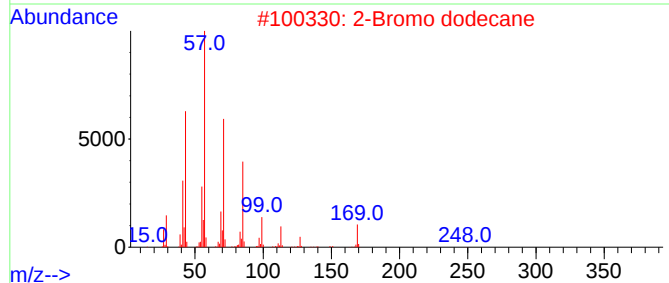
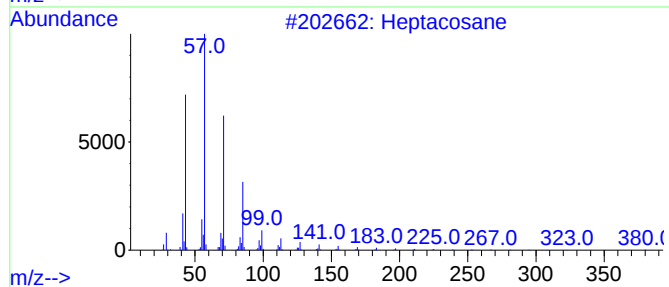
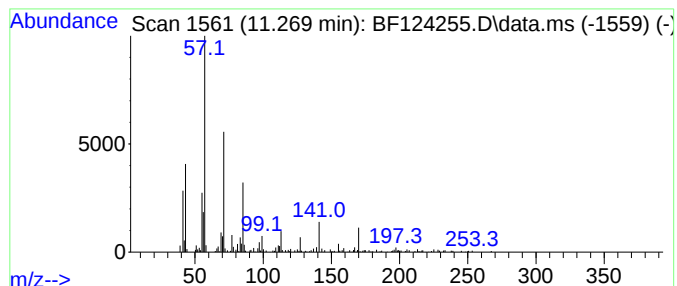
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.269	33.50 ng	486037	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	64
2			2-Bromo dodecane	248	C12H25Br	013187-99-0	64
3			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	53
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	50
5			5-Ethylnonadecane	296	C21H44	1000360-43-1	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124255.D
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Operator : JU/CG
Sample : M2644-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

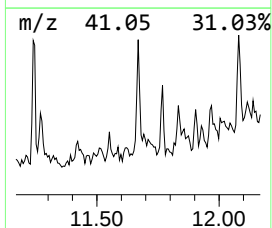
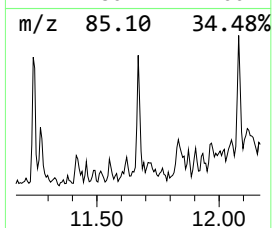
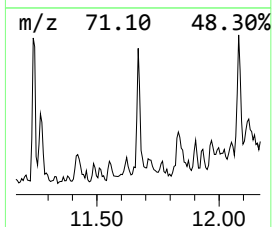
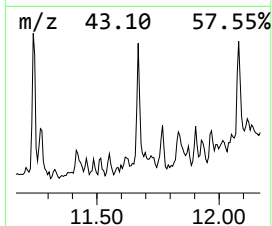
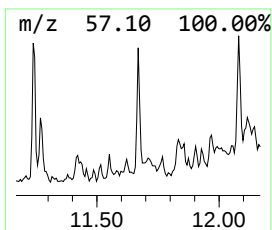
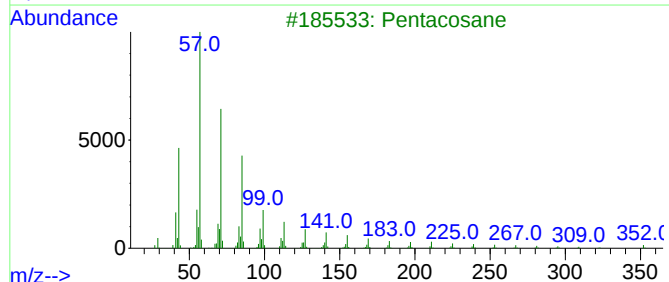
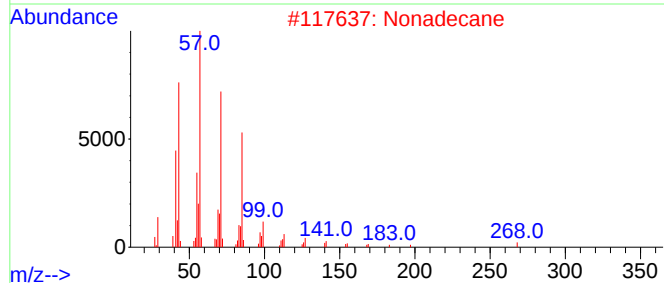
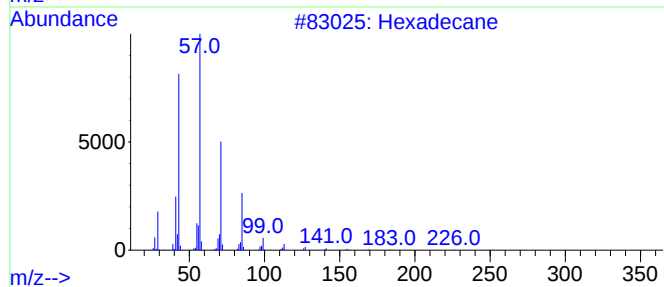
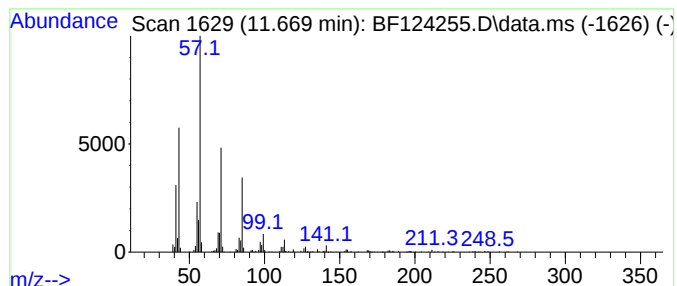
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.669	38.52 ng	558851	Phenanthrene-d10		11.380	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	93
2	Nonadecane		268	C19H40	000629-92-5	90
3	Pentacosane		352	C25H52	000629-99-2	90
4	Eicosane, 10-methyl-		296	C21H44	054833-23-7	86
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
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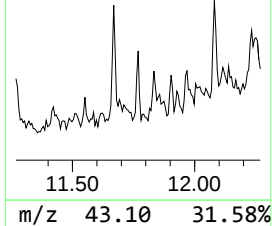
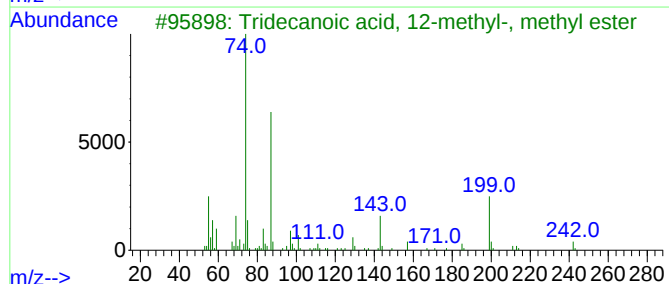
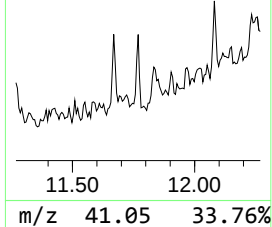
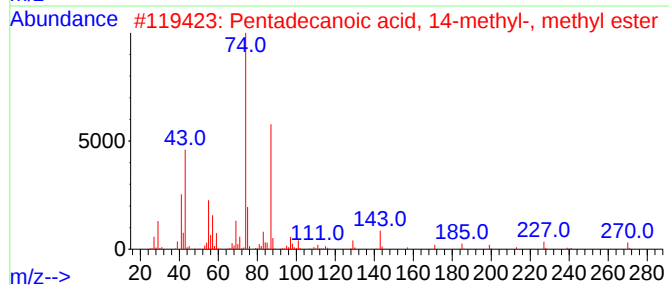
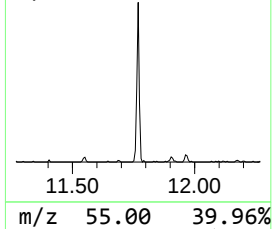
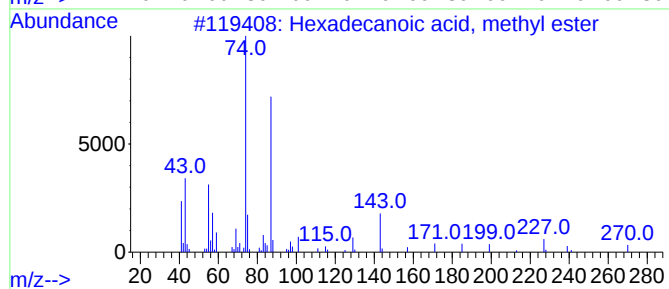
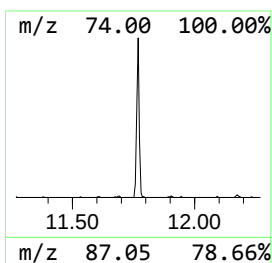
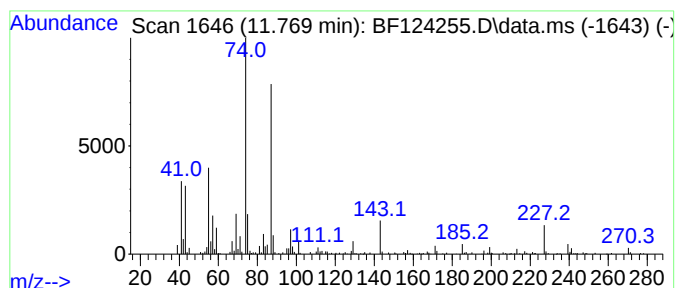
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Hexadecanoic acid, methyl e... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.769	26.69 ng	387233	Phenanthrene-d10	11.380	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	97
3	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	86
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
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Sample : M2644-01 10X
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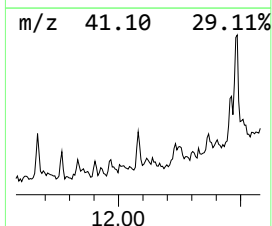
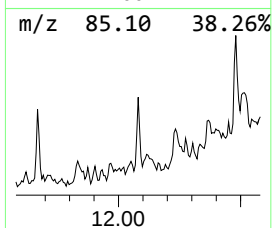
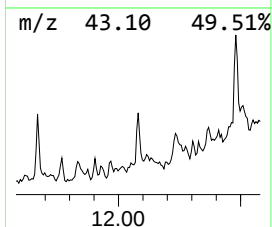
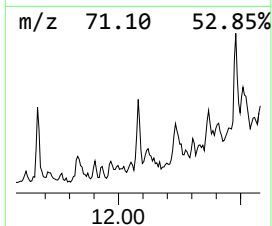
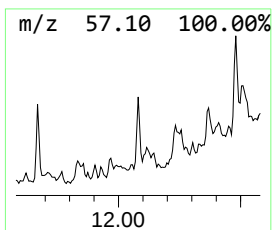
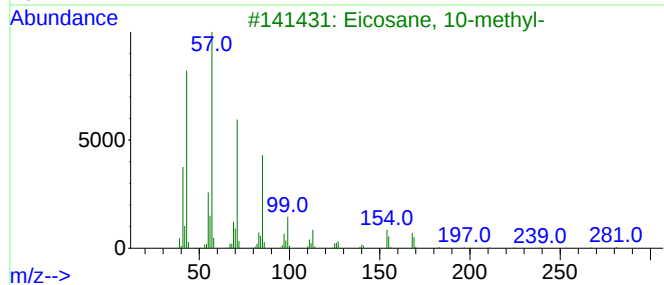
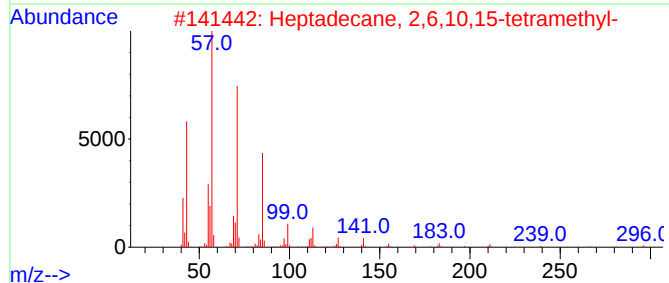
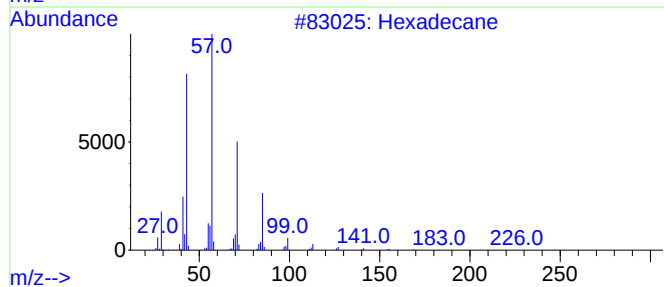
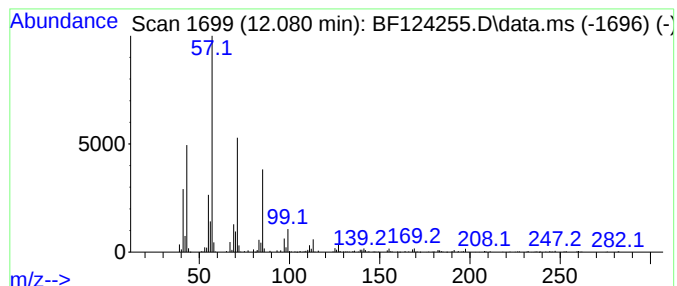
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.080	43.75 ng	634692	Phenanthrene-d10	11.380	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	78
4	Heneicosane	296	C21H44	000629-94-7	78
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
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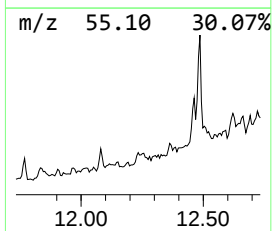
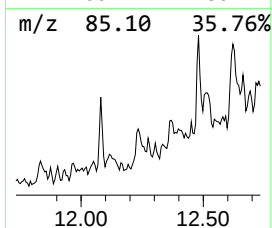
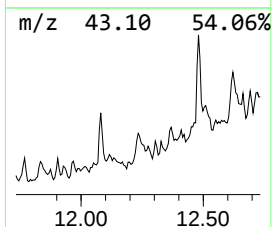
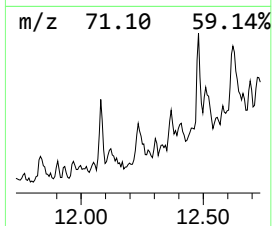
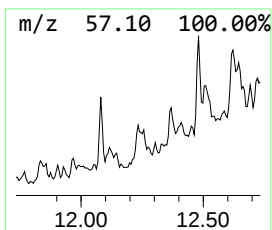
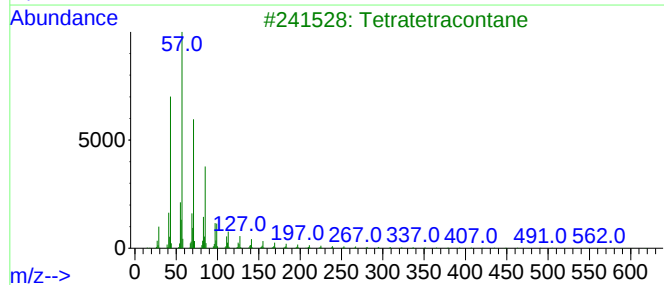
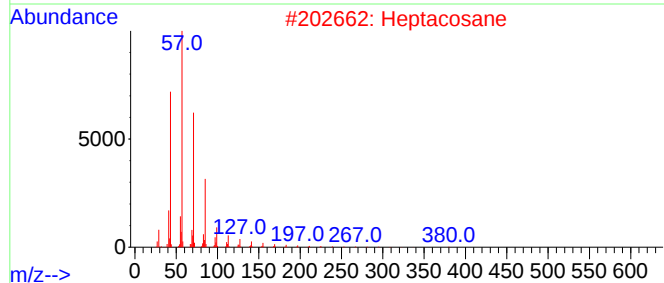
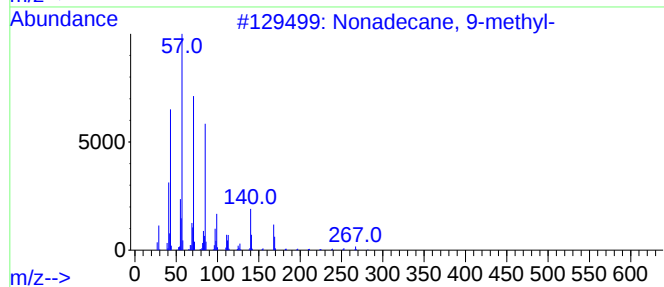
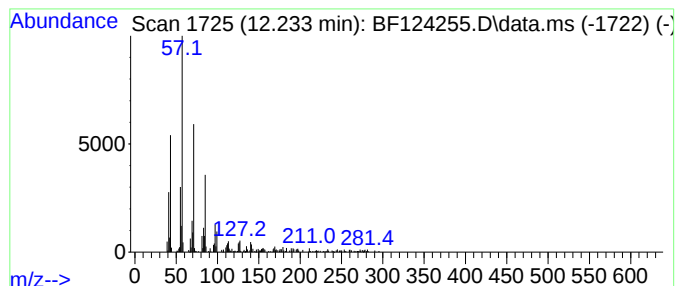
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Nonadecane, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.233	23.42 ng	339825	Phenanthrene-d10	11.380

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
2		Heptacosane	380	C27H56	000593-49-7	83
3		Tetratetracontane	619	C44H90	007098-22-8	80
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
5		Eicosane	282	C20H42	000112-95-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124255.D
Acq On : 11 Jun 2021 3:21
Operator : JU/CG
Sample : M2644-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
1846-75-76

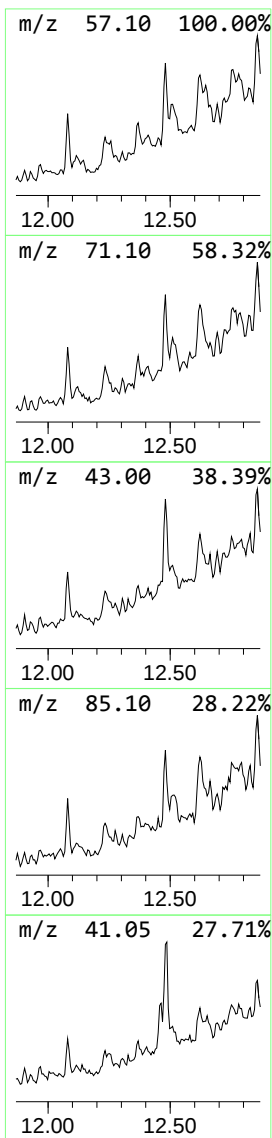
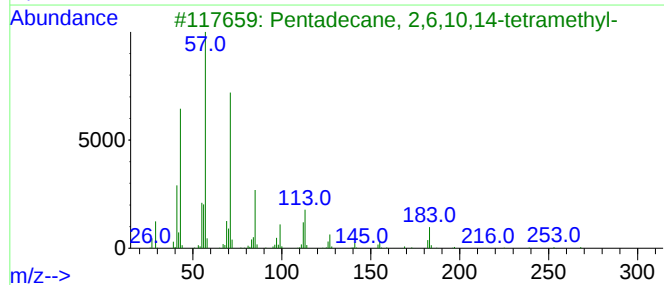
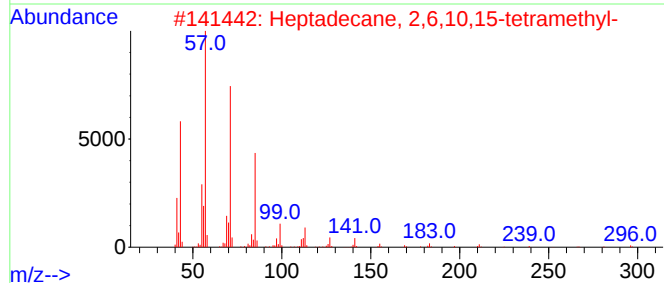
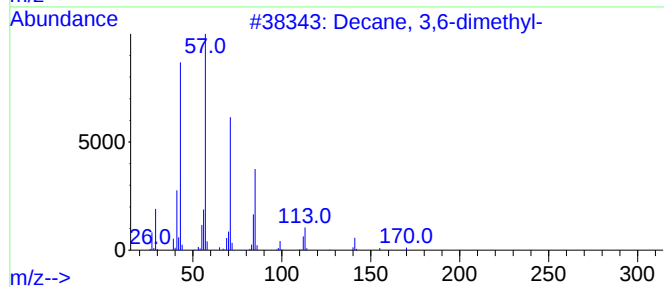
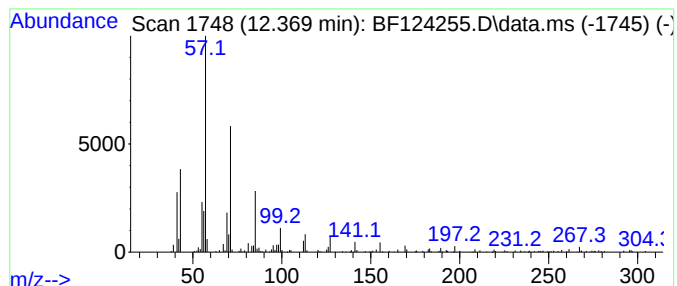
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Decane, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.369	34.04 ng	493931	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	81
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	81
3			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
4			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	80
5			Octadecane	254	C18H38	000593-45-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124255.D
Acq On : 11 Jun 2021 3:21
Operator : JU/CG
Sample : M2644-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1846-75-76

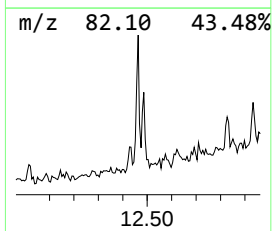
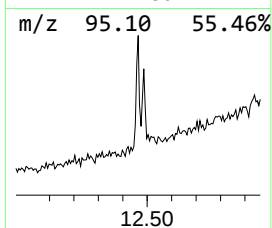
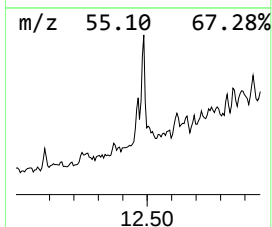
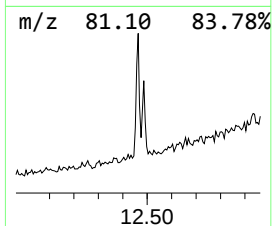
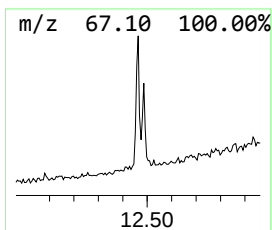
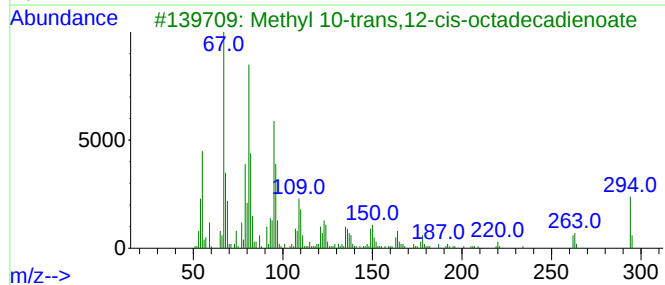
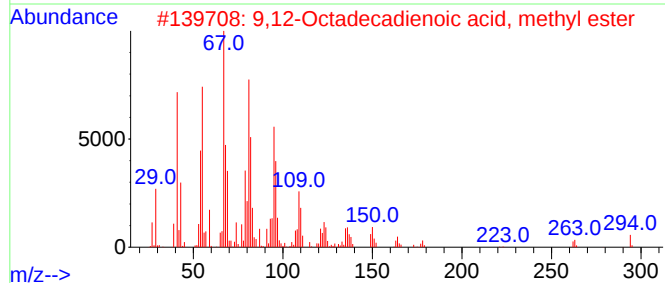
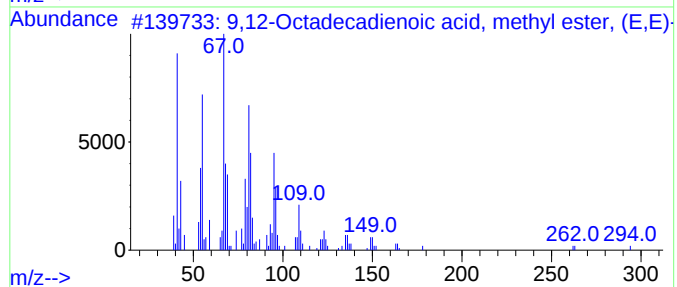
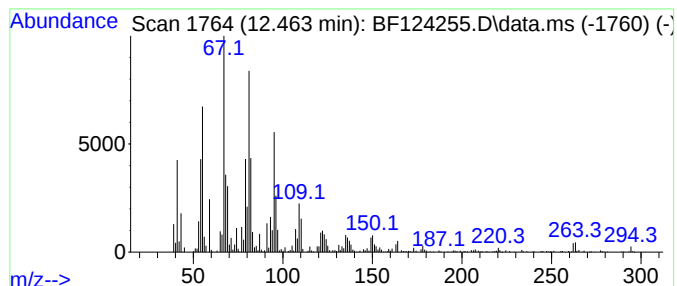
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	82.78 ng	1201070	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99		
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	98		
3	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	93		
4	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	93		
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	91		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124255.D
Acq On : 11 Jun 2021 3:21
Operator : JU/CG
Sample : M2644-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1846-75-76

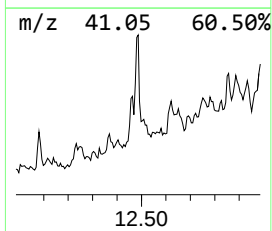
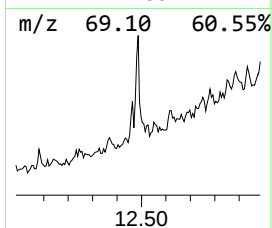
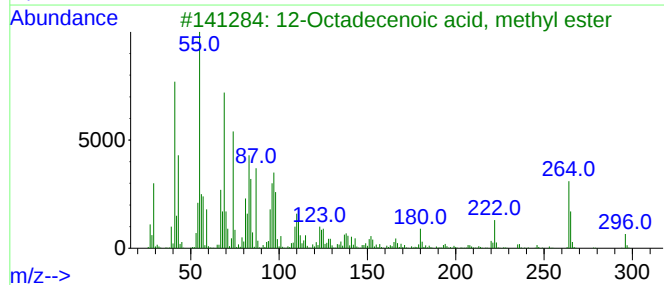
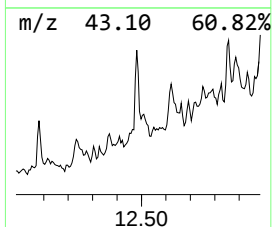
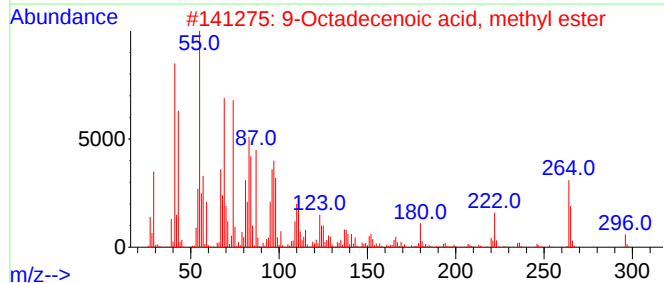
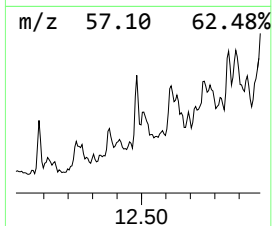
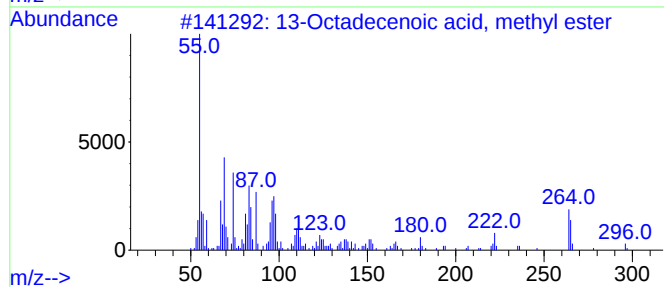
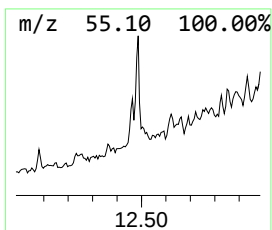
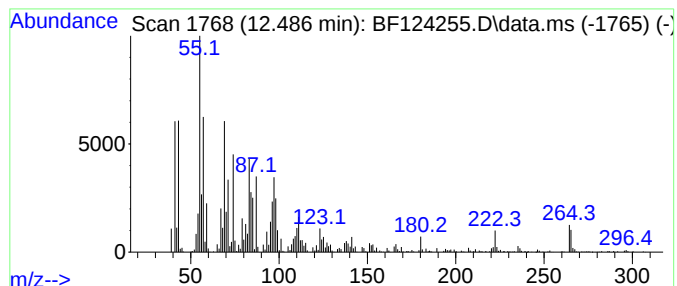
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 13-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	129.81 ng	1883410	Phenanthrene-d10	11.380

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	93
3		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	93
4		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	91
5		11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124255.D
Acq On : 11 Jun 2021 3:21
Operator : JU/CG
Sample : M2644-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1846-75-76

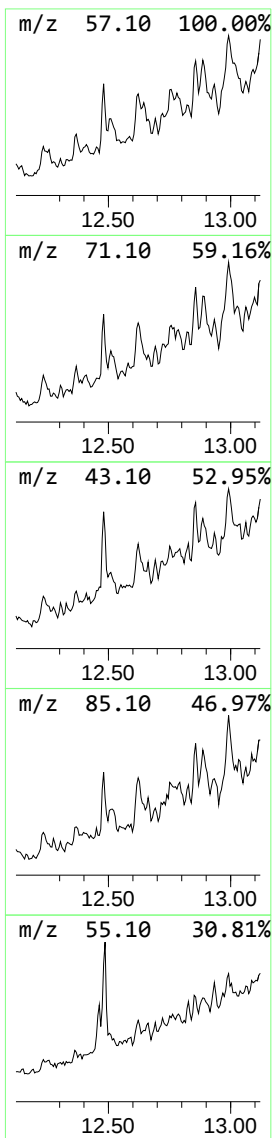
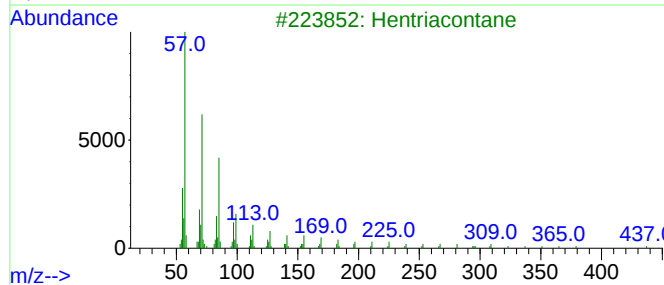
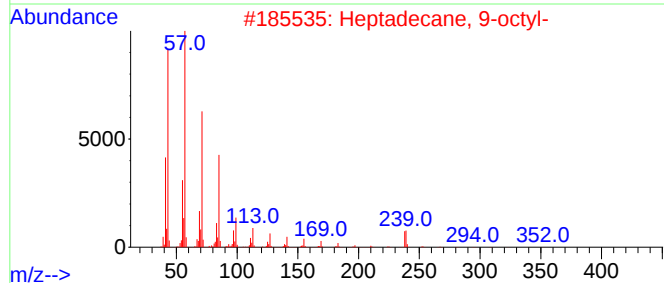
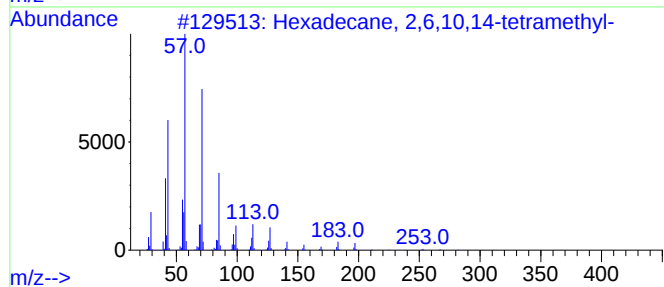
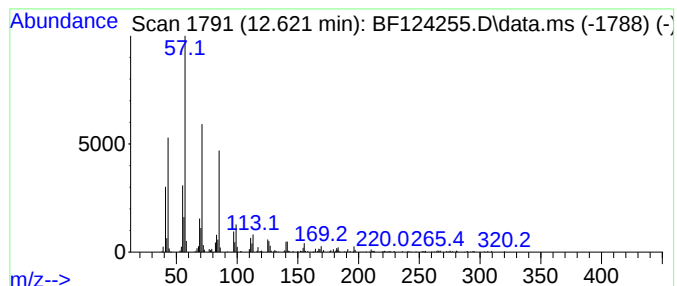
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Hexadecane, 2,6,10,14-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.621	62.11 ng	901195	Phenanthrene-d10	11.380

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	89
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3		Hentriacontane	437	C31H64	000630-04-6	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Pentacosane	352	C25H52	000629-99-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
 Data File : BF124255.D
 Acq On : 11 Jun 2021 3:21
 Operator : JU/CG
 Sample : M2644-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Sulfurous acid,...	8.557	23.9	ng	359657	2	8.134	300480	20.0
Tridecane	8.728	67.7	ng	1016750	2	8.134	300480	20.0
Dodecane, 2,7,1...	9.157	24.1	ng	440127	3	9.892	364785	20.0
Hexadecane	9.292	74.1	ng	1351620	3	9.892	364785	20.0
Heptadecane, 2,...	9.610	36.2	ng	660423	3	9.892	364785	20.0
Pentadecane	9.822	60.9	ng	1111520	3	9.892	364785	20.0
Tetradecane	10.322	50.5	ng	920825	3	9.892	364785	20.0
Decane, 2,6,8-t...	10.539	29.2	ng	531973	3	9.892	364785	20.0
Heptadecane	10.792	87.7	ng	1272090	4	11.380	290172	20.0
Octadecane	11.239	46.1	ng	668252	4	11.380	290172	20.0
Heptacosane	11.269	33.5	ng	486037	4	11.380	290172	20.0
Nonadecane	11.669	38.5	ng	558851	4	11.380	290172	20.0
Hexadecanoic ac...	11.769	26.7	ng	387233	4	11.380	290172	20.0
Heptadecane, 2,...	12.080	43.8	ng	634692	4	11.380	290172	20.0
Nonadecane, 9-m...	12.233	23.4	ng	339825	4	11.380	290172	20.0
Decane, 3,6-dim...	12.369	34.0	ng	493931	4	11.380	290172	20.0
9,12-Octadecadi...	12.463	82.8	ng	1201070	4	11.380	290172	20.0
13-Octadecenoic...	12.486	129.8	ng	1883410	4	11.380	290172	20.0
Hexadecane, 2,6...	12.621	62.1	ng	901195	4	11.380	290172	20.0