

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
 Data File : BF122587.D
 Acq On : 8 Dec 2020 14:35
 Operator : JU/CG
 Sample : L4965-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT002

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-BF120520.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122587.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.457	568	573	577	rBV	3282135	3257531	77.26%	5.884%
2	5.787	626	629	643	rBV	36657	67902	1.61%	0.123%
3	6.469	740	745	758	rBV	3284751	3440816	81.61%	6.215%
4	6.669	776	779	792	rVB	137182	186190	4.42%	0.336%
5	6.840	804	808	811	rBV	1202652	1023192	24.27%	1.848%
6	7.398	898	903	906	rBV	2340692	2184853	51.82%	3.946%
7	7.439	906	910	914	rVB	43446	51124	1.21%	0.092%
8	8.122	1020	1026	1029	rBV	1635407	1491261	35.37%	2.694%
9	8.186	1033	1037	1040	rVB	68784	60845	1.44%	0.110%
10	8.416	1071	1076	1078	rBV3	49576	62784	1.49%	0.113%
11	8.498	1088	1090	1094	rBV3	50692	51464	1.22%	0.093%
12	8.545	1094	1098	1100	rBV	138973	125442	2.98%	0.227%
13	8.716	1123	1127	1130	rBV	538166	410402	9.73%	0.741%
14	8.810	1140	1143	1146	rVB	58227	70797	1.68%	0.128%
15	8.945	1162	1166	1169	rBV2	97323	89419	2.12%	0.162%
16	8.998	1173	1175	1179	rBV4	82901	107694	2.55%	0.195%
17	9.081	1185	1189	1192	rVB3	137155	148643	3.53%	0.268%
18	9.122	1193	1196	1198	rBV	114464	97177	2.30%	0.176%
19	9.145	1198	1200	1204	rVB2	249813	208040	4.93%	0.376%
20	9.198	1204	1209	1212	rBV	4248267	3688776	87.49%	6.663%
21	9.239	1214	1216	1218	rVB2	61298	49415	1.17%	0.089%
22	9.281	1218	1223	1227	rBV	1128849	990385	23.49%	1.789%
23	9.322	1227	1230	1232	rVV2	60392	76564	1.82%	0.138%
24	9.351	1232	1235	1238	rVB2	119346	125468	2.98%	0.227%
25	9.516	1260	1263	1264	rBV3	106835	104510	2.48%	0.189%
26	9.539	1264	1267	1268	rVV	144438	147127	3.49%	0.266%
27	9.557	1268	1270	1272	rVV2	176330	134173	3.18%	0.242%
28	9.598	1272	1277	1280	rVV2	486844	798673	18.94%	1.443%
29	9.622	1280	1281	1284	rVV2	302848	243874	5.78%	0.441%
30	9.657	1284	1287	1290	rVB	273337	252665	5.99%	0.456%
31	9.692	1290	1293	1298	rVB5	49267	88691	2.10%	0.160%
32	9.751	1298	1303	1306	rBV5	97925	135205	3.21%	0.244%
33	9.810	1306	1313	1317	rBV	1506113	1362084	32.31%	2.460%
34	9.875	1317	1324	1328	rBV	1714389	1744554	41.38%	3.151%
35	9.980	1340	1342	1345	rBV3	88456	84301	2.00%	0.152%
36	10.039	1349	1352	1355	rVV3	193234	288110	6.83%	0.520%

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37	10.069	1355	1357	1360	rVV2	193869	239138	5.67%	0.432%
38	10.098	1360	1362	1364	rVV2	145770	124144	2.94%	0.224%
39	10.133	1364	1368	1371	rVV4	316484	386939	9.18%	0.699%
40	10.169	1371	1374	1376	rVB	152884	145505	3.45%	0.263%
41	10.204	1376	1380	1385	rBV5	105730	216772	5.14%	0.392%
42	10.251	1385	1388	1392	rVB4	124701	145901	3.46%	0.264%
43	10.310	1392	1398	1401	rBV	1551742	1372619	32.56%	2.479%
44	10.339	1401	1403	1406	rVV2	96849	103169	2.45%	0.186%
45	10.369	1406	1408	1413	rVB4	103477	127399	3.02%	0.230%
46	10.416	1413	1416	1418	rBV4	98984	113210	2.69%	0.204%
47	10.439	1418	1420	1423	rVB3	62412	54343	1.29%	0.098%
48	10.533	1430	1436	1441	rBV	505304	743854	17.64%	1.344%
49	10.580	1441	1444	1447	rVB2	158571	144058	3.42%	0.260%
50	10.616	1447	1450	1453	rBV2	165576	173468	4.11%	0.313%
51	10.663	1453	1458	1462	rBV	2206927	2129415	50.51%	3.846%
52	10.780	1475	1478	1487	rVB	1321438	1608674	38.16%	2.906%
53	10.975	1508	1511	1513	rBV	128753	131450	3.12%	0.237%
54	11.039	1520	1522	1525	rBV2	101298	101489	2.41%	0.183%
55	11.069	1525	1527	1530	rVB	84904	57587	1.37%	0.104%
56	11.104	1531	1533	1535	rBV	101316	85460	2.03%	0.154%
57	11.233	1551	1555	1557	rBV	1126421	957490	22.71%	1.729%
58	11.263	1557	1560	1565	rVB	505436	530423	12.58%	0.958%
59	11.310	1566	1568	1572	rVB4	75349	76852	1.82%	0.139%
60	11.363	1573	1577	1579	rBV	1845105	1611989	38.23%	2.912%
61	11.386	1579	1581	1583	rVB	332962	236184	5.60%	0.427%
62	11.474	1594	1596	1599	rBV2	87033	79172	1.88%	0.143%
63	11.504	1599	1601	1604	rVV	95562	82824	1.96%	0.150%
64	11.539	1605	1607	1610	rVB	125352	104896	2.49%	0.189%
65	11.610	1617	1619	1623	rVB2	122040	113137	2.68%	0.204%
66	11.657	1624	1627	1630	rBV	978656	763105	18.10%	1.378%
67	11.751	1640	1643	1646	rVB2	92261	108233	2.57%	0.195%
68	11.822	1652	1655	1657	rBV	97603	106887	2.54%	0.193%
69	11.898	1660	1668	1676	rVV2	1590984	2757051	65.39%	4.980%
70	12.063	1693	1696	1700	rVB	700427	569734	13.51%	1.029%
71	12.157	1710	1712	1715	rBV2	79867	73308	1.74%	0.132%
72	12.216	1719	1722	1728	rVB5	117517	173949	4.13%	0.314%
73	12.310	1736	1738	1740	rVB2	63905	49842	1.18%	0.090%
74	12.345	1742	1744	1750	rVB2	91664	93117	2.21%	0.168%
75	12.410	1753	1755	1758	rBV2	54562	50193	1.19%	0.091%
76	12.451	1758	1762	1767	rBV	494680	550081	13.05%	0.994%

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77	12.545	1774	1778	1781	rBV	208320	295962	7.02%	0.535%
78	12.574	1781	1783	1786	rVV	432880	348457	8.26%	0.629%
79	12.686	1796	1802	1817	rVV2	2351289	4216072	100.00%	7.615%
80	12.804	1819	1822	1824	rVV	401872	377909	8.96%	0.683%
81	12.827	1824	1826	1828	rVB	313025	244756	5.81%	0.442%
82	12.951	1842	1847	1850	rBV	4326225	3920020	92.98%	7.081%
83	13.180	1883	1886	1888	rBV	213482	162286	3.85%	0.293%
84	13.233	1893	1895	1900	rVB2	66238	64958	1.54%	0.117%
85	13.521	1941	1944	1949	rVB	127845	103811	2.46%	0.188%
86	13.639	1961	1964	1970	rVB	64896	71334	1.69%	0.129%
87	13.851	1997	2000	2002	rBV2	76153	71898	1.71%	0.130%
88	13.886	2002	2006	2018	rVV4	203257	513355	12.18%	0.927%
89	14.004	2019	2026	2028	rVV	1626665	1918457	45.50%	3.465%
90	14.027	2028	2030	2037	rVB	198765	187822	4.45%	0.339%
91	15.039	2198	2202	2205	rBV	133190	206432	4.90%	0.373%
92	15.339	2249	2253	2256	rBV	71926	86940	2.06%	0.157%
93	15.398	2259	2263	2269	rBV	97886	120781	2.86%	0.218%
94	15.462	2269	2274	2278	rBV	1014697	1225542	29.07%	2.214%
95	15.768	2317	2326	2334	rBV4	116821	389275	9.23%	0.703%
96	16.909	2515	2520	2529	rBV2	43377	93261	2.21%	0.168%

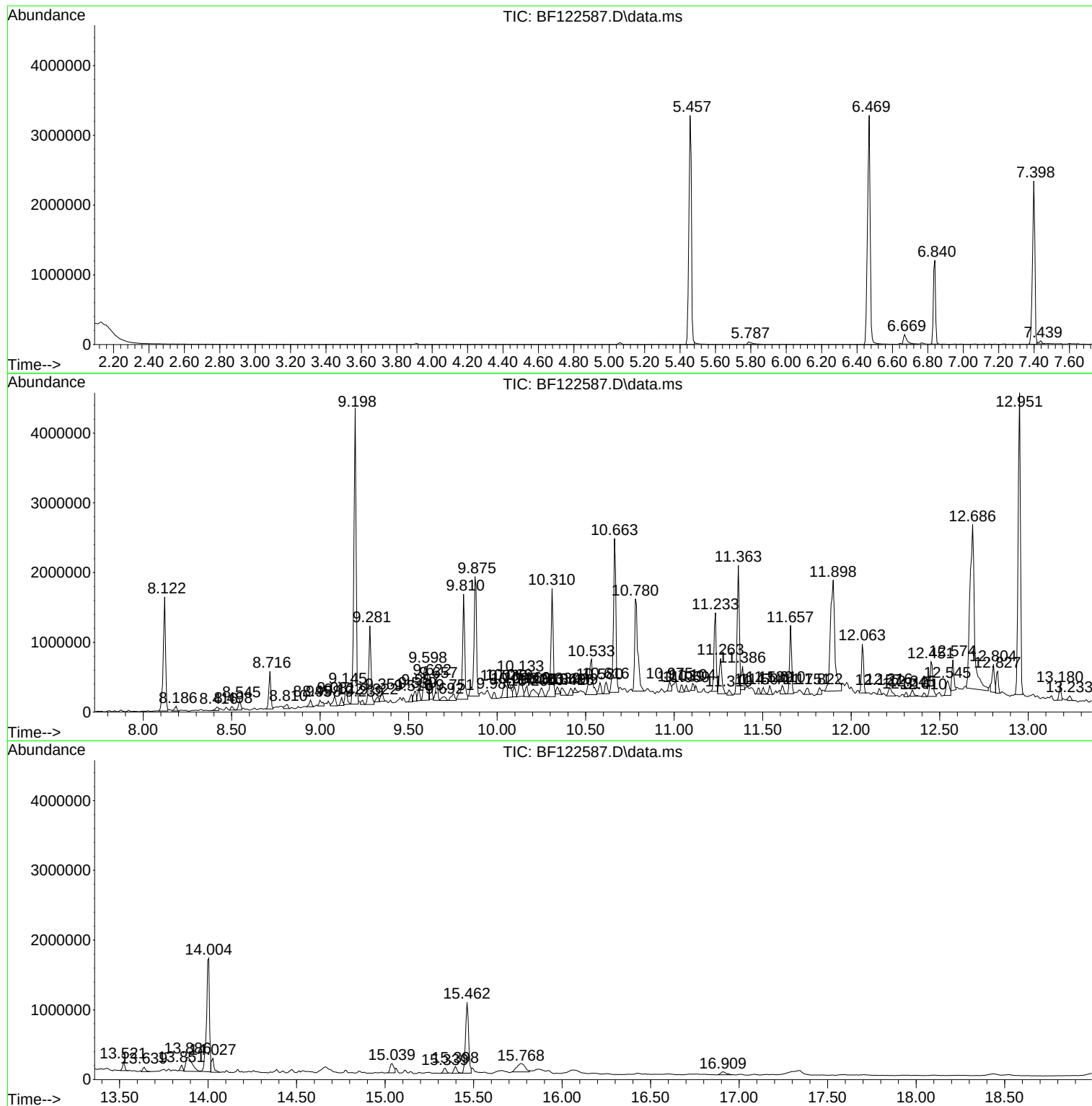
Sum of corrected areas: 55362540

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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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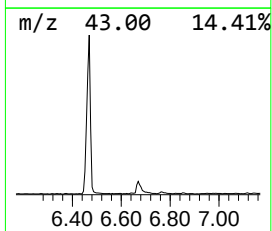
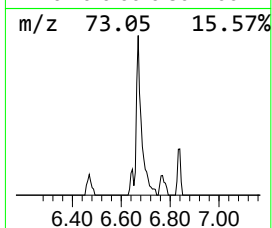
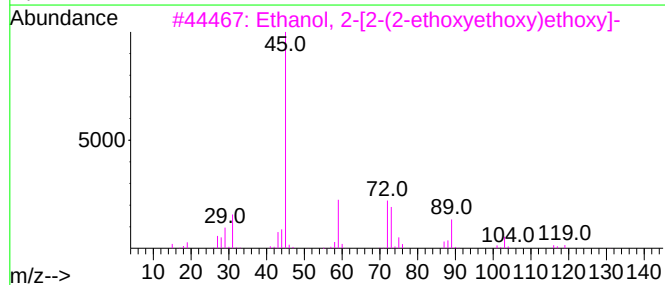
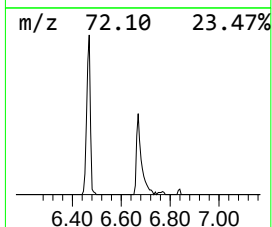
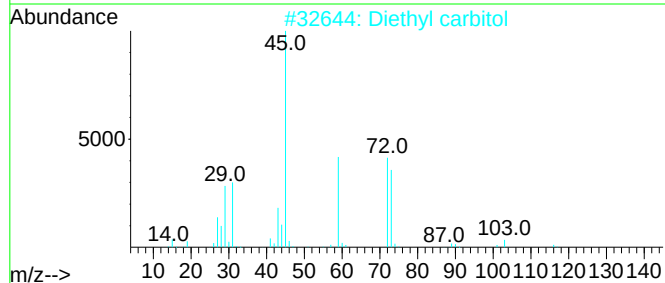
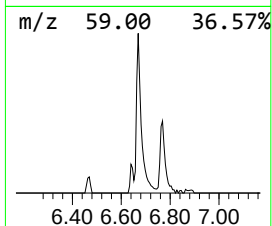
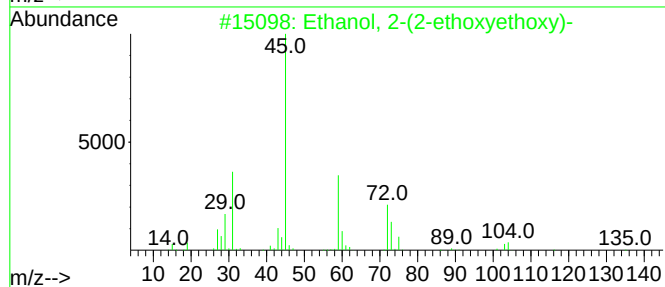
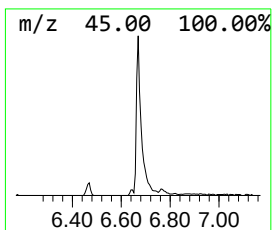
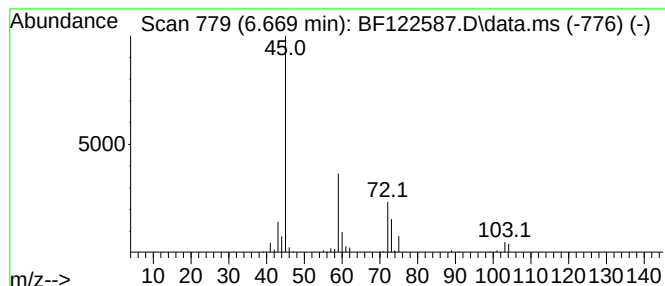
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.669	3.64 ng	186190	1,4-Dichlorobenzene-d4	6.840

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2			Diethyl carbitol	162	C8H18O3	000112-36-7	72
3			Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	64
4			Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	53
5			2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45



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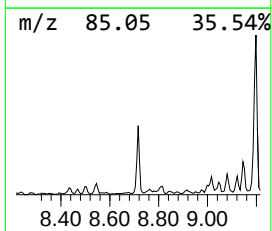
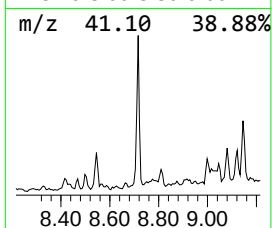
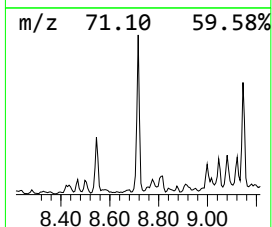
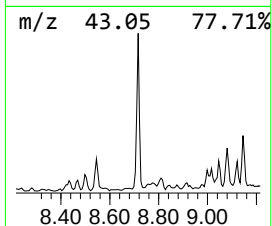
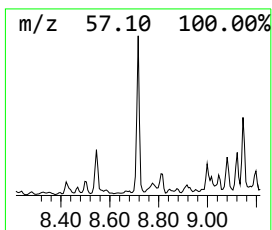
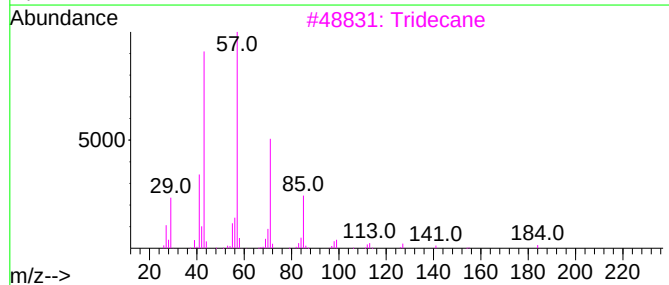
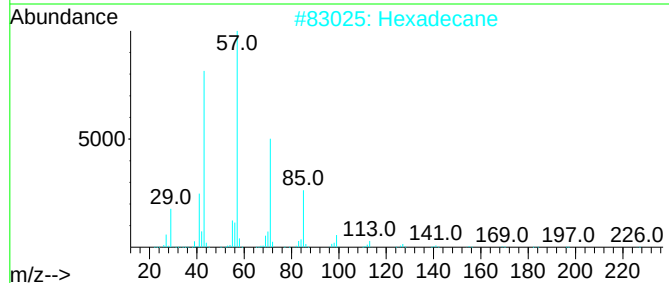
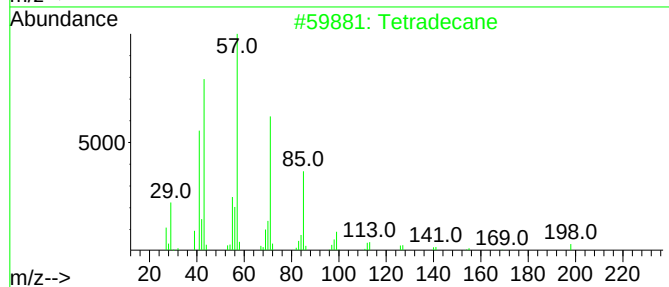
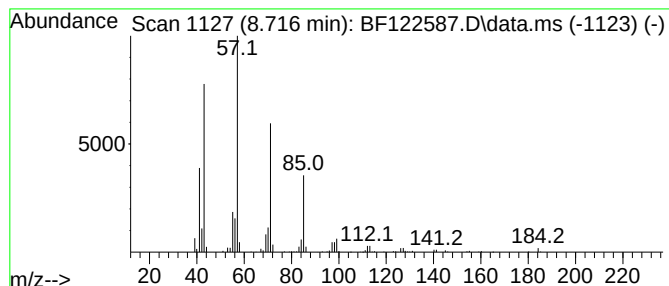
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Undecane, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.716	5.50 ng	410402	Naphthalene-d8	8.122

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	87
2			Hexadecane	226	C16H34	000544-76-3	86
3			Tridecane	184	C13H28	000629-50-5	81
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	80



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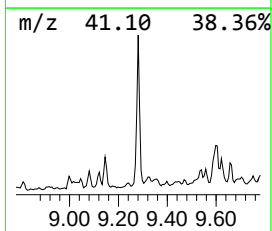
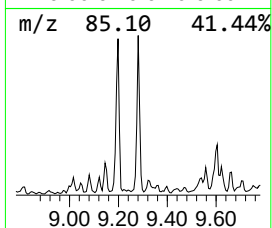
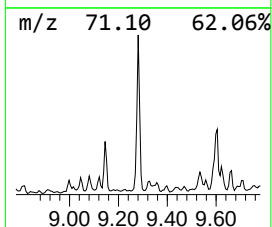
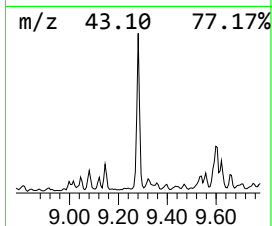
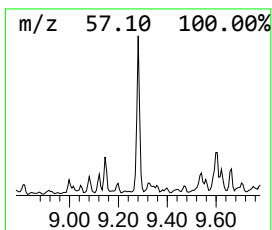
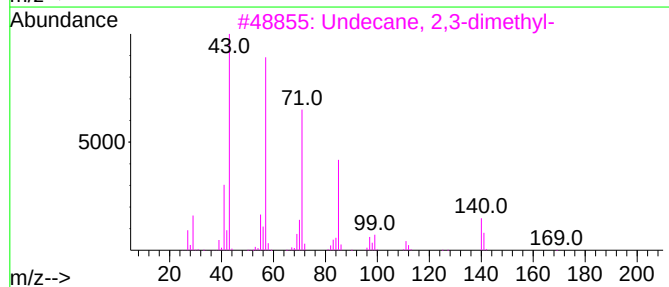
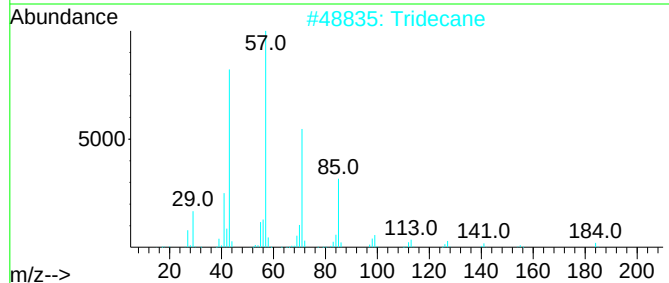
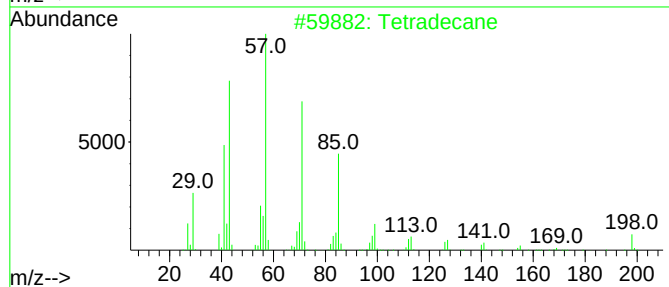
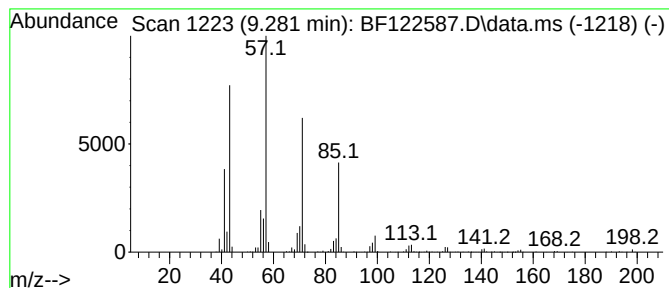
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.281	11.35 ng	990385	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Tridecane	184	C13H28	000629-50-5	90
3			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
4			Hexadecane	226	C16H34	000544-76-3	72
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122587.D
Acq On : 8 Dec 2020 14:35
Operator : JU/CG
Sample : L4965-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

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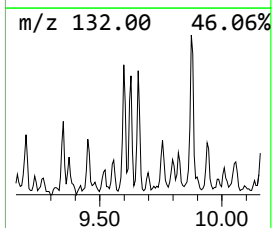
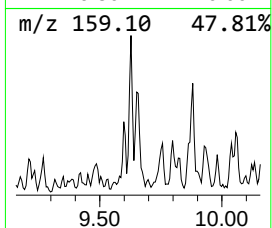
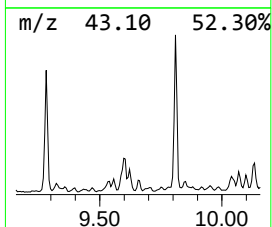
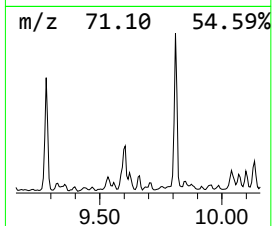
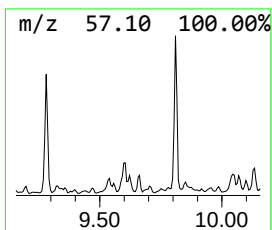
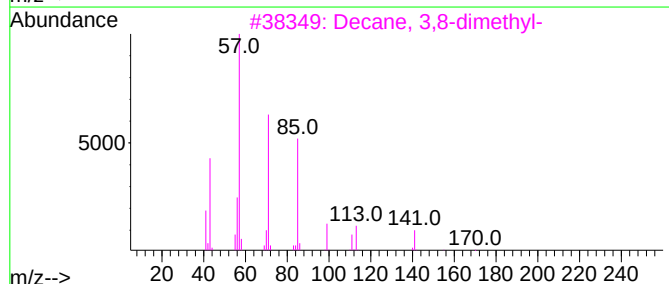
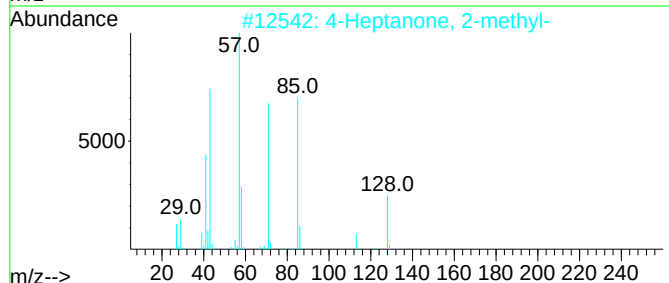
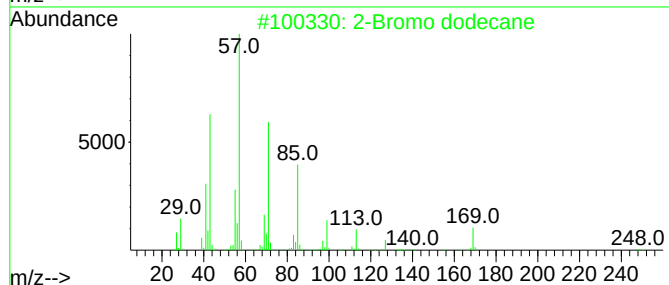
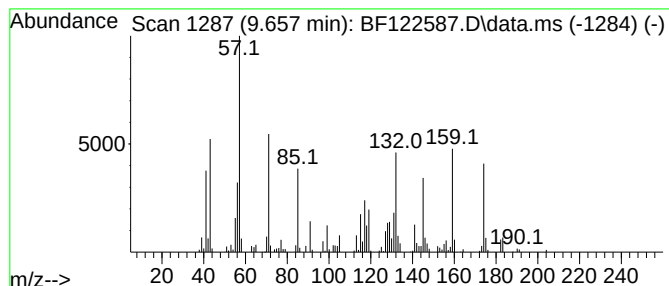
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown9.65 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.657	2.90 ng	252665	Acenaphthene-d10	9.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromo dodecane	248	C12H25Br	013187-99-0	18
2		4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	18
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	14
4		Tetratetracontane	619	C44H90	007098-22-8	14
5		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122587.D
Acq On : 8 Dec 2020 14:35
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Sample : L4965-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

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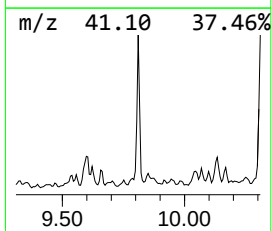
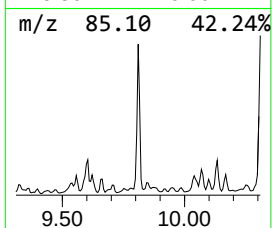
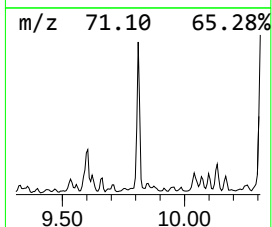
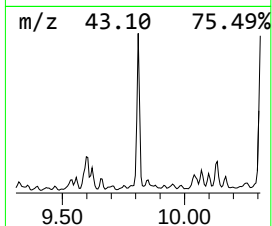
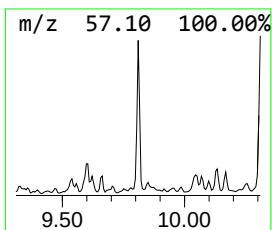
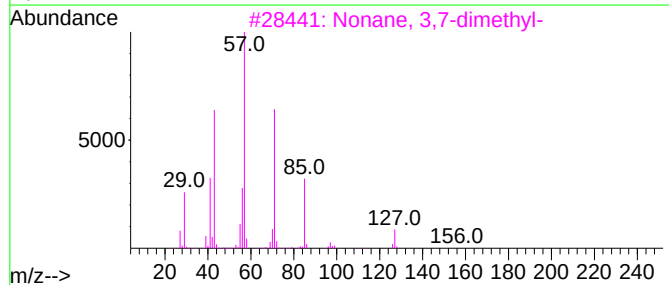
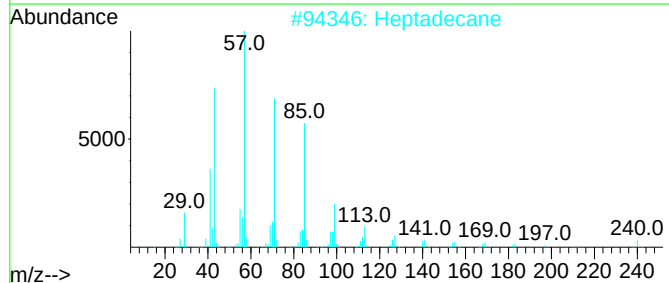
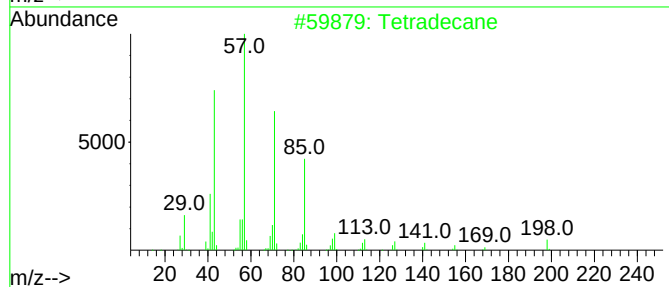
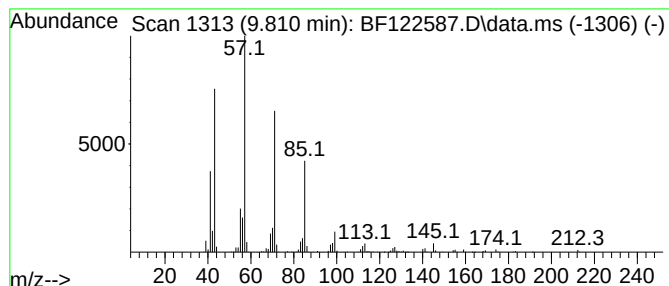
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.810	15.62 ng	1362080	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	86
2			Heptadecane	240	C17H36	000629-78-7	83
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
4			Hexadecane	226	C16H34	000544-76-3	64
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122587.D
Acq On : 8 Dec 2020 14:35
Operator : JU/CG
Sample : L4965-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

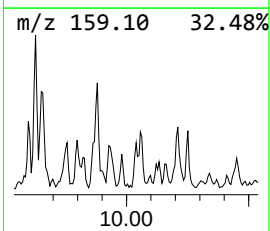
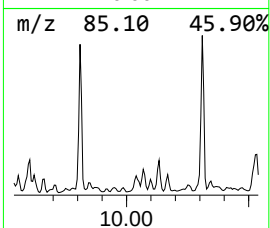
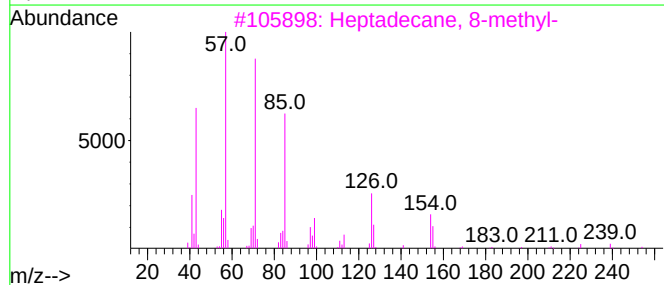
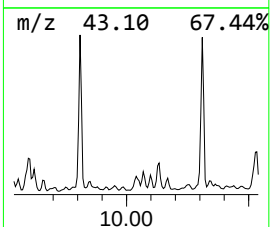
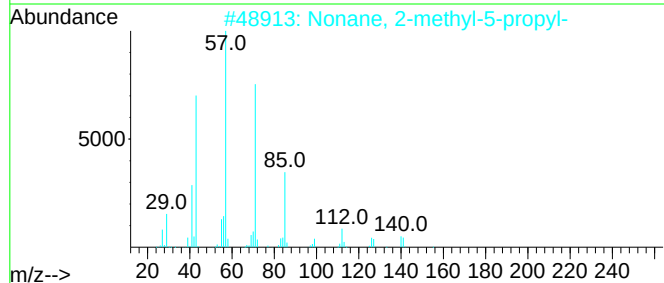
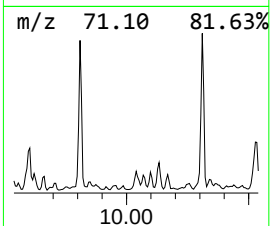
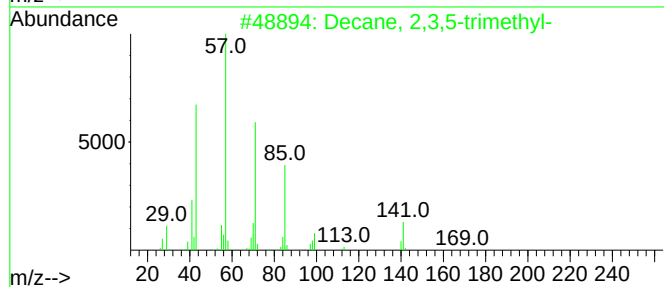
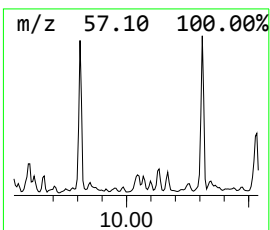
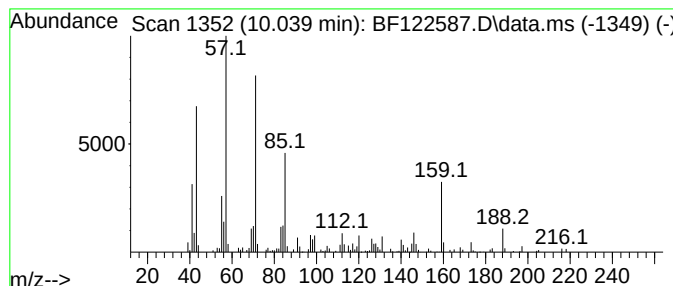
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 2,3,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.039	3.30 ng	288110	Acenaphthene-d10	9.875	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59
2	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	58
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	58
4	Tetradecane	198	C14H30	000629-59-4	46
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122587.D
Acq On : 8 Dec 2020 14:35
Operator : JU/CG
Sample : L4965-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

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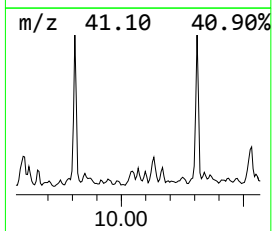
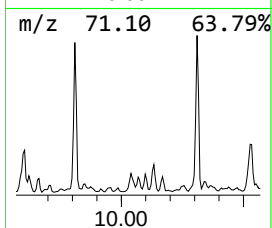
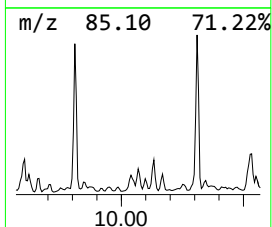
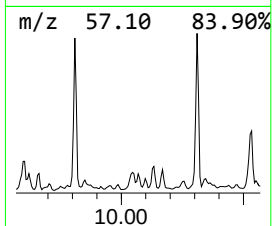
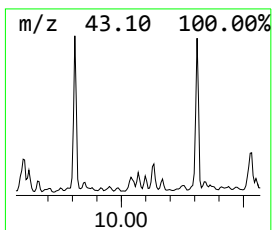
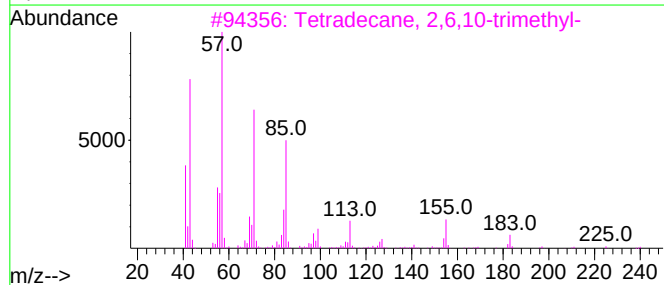
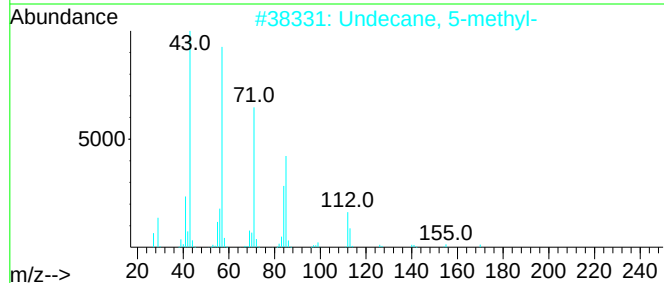
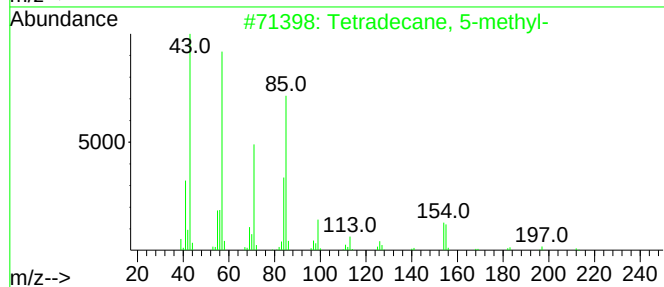
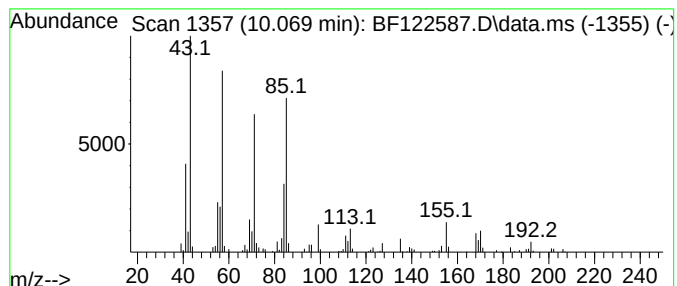
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane, 5-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.069	2.74 ng	239138	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 5-methyl-	212	C15H32	025117-32-2	86
2			Undecane, 5-methyl-	170	C12H26	001632-70-8	72
3			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72
4			Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	72
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
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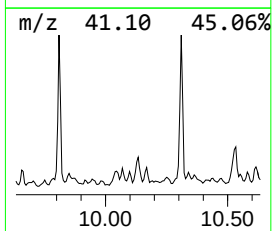
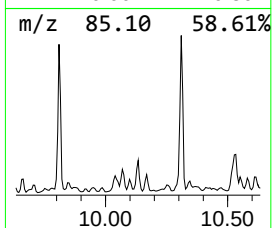
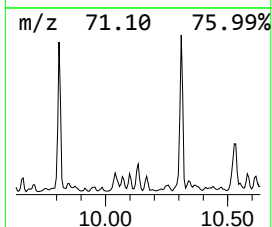
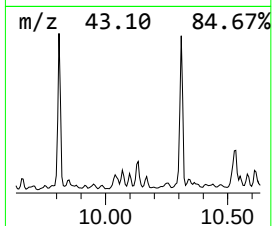
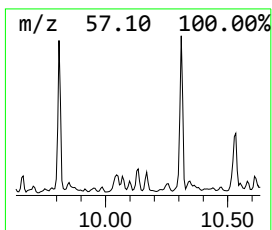
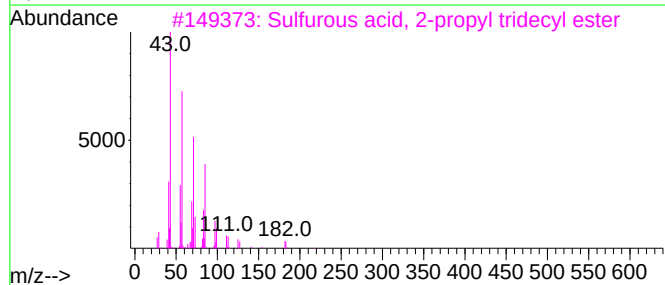
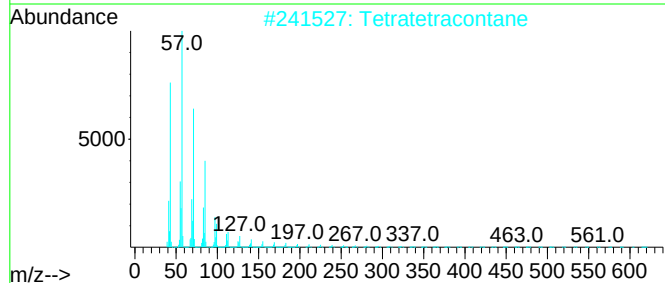
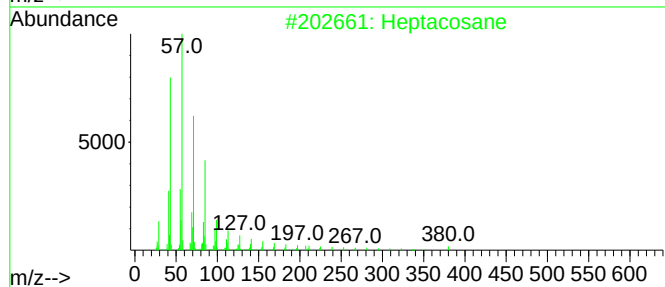
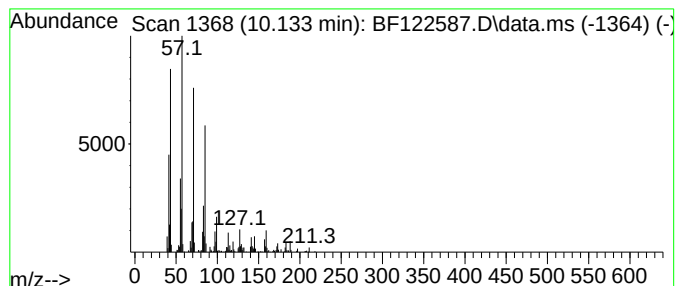
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.133	4.44 ng	386939	Acenaphthene-d10		9.875	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	83
2	Tetratetracontane		619	C44H90	007098-22-8	80
3	Sulfurous acid, 2-propyl tridecy...		306	C16H34O3S	1000309-12-4	80
4	Octacosane		394	C28H58	000630-02-4	80
5	Tridecanol, 2-ethyl-2-methyl-		242	C16H34O	1000115-66-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122587.D
Acq On : 8 Dec 2020 14:35
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Sample : L4965-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

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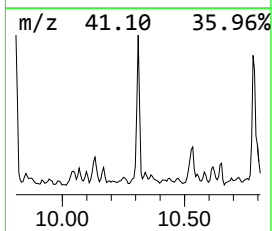
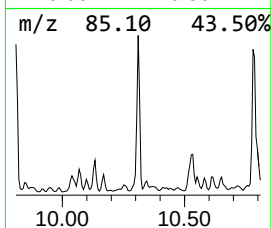
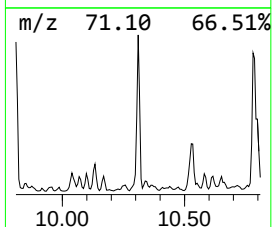
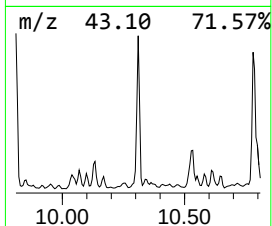
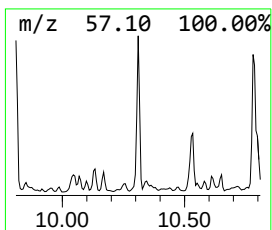
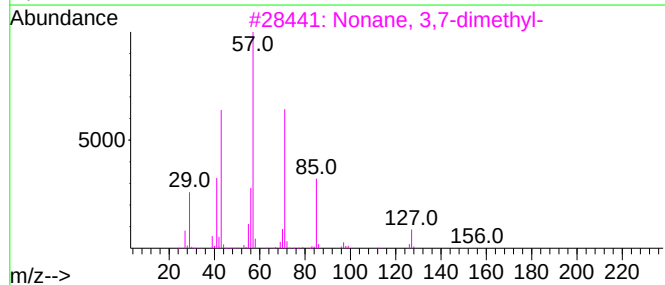
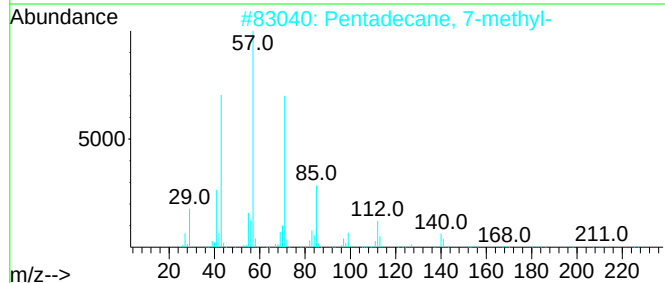
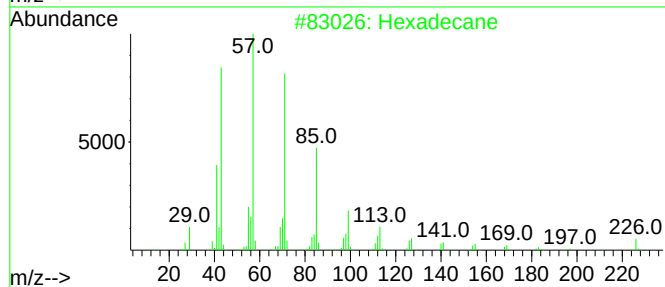
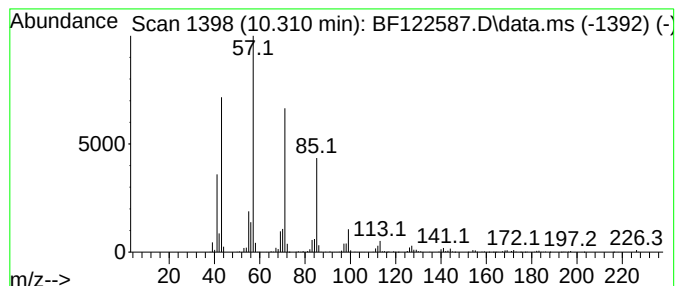
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.310	15.74 ng	1372620	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
4			Nonane, 5-butyl-	184	C13H28	017312-63-9	81
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122587.D
Acq On : 8 Dec 2020 14:35
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Sample : L4965-06
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ALS Vial : 4 Sample Multiplier: 1

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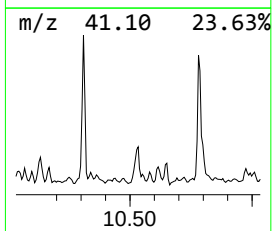
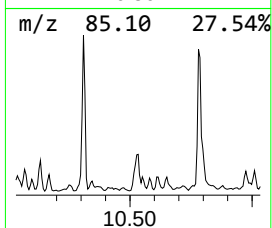
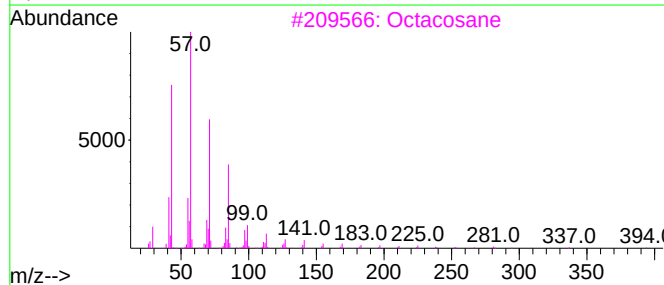
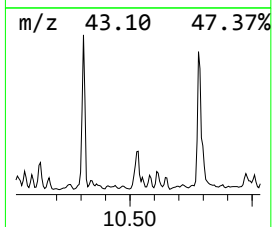
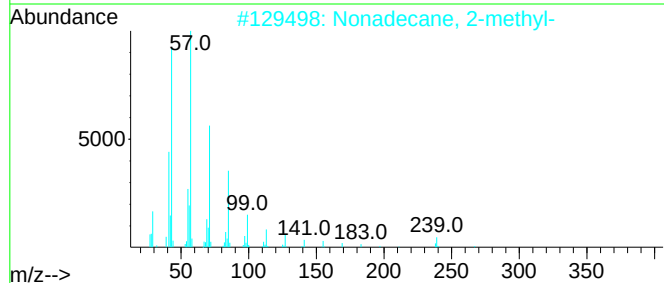
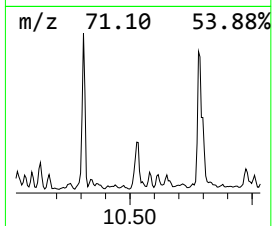
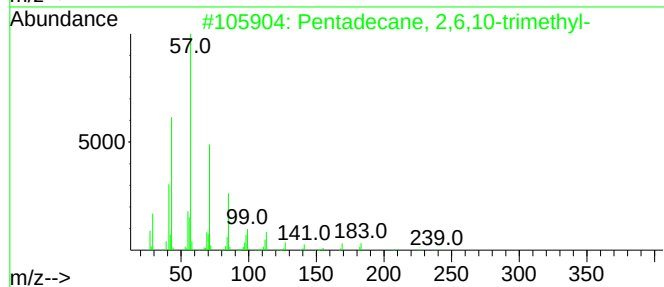
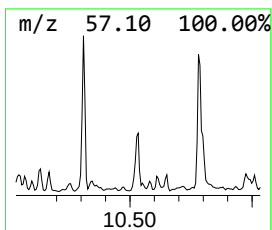
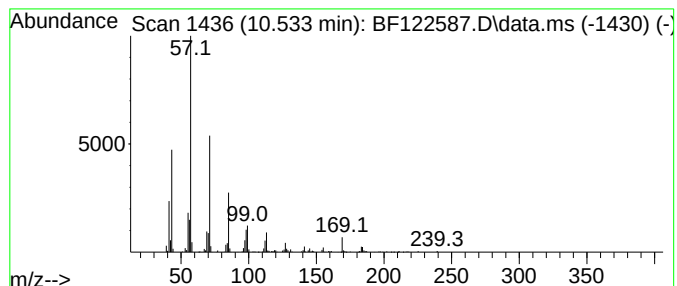
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.533	8.53 ng	743854	Acenaphthene-d10	9.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
3		Octacosane	394	C28H58	000630-02-4	80
4		Heptacosane	380	C27H56	000593-49-7	80
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122587.D
Acq On : 8 Dec 2020 14:35
Operator : JU/CG
Sample : L4965-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

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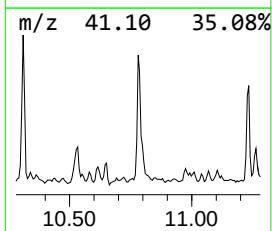
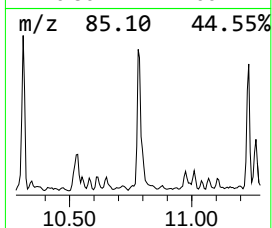
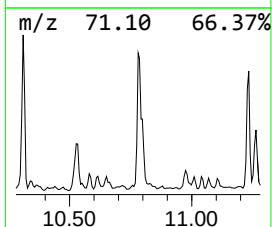
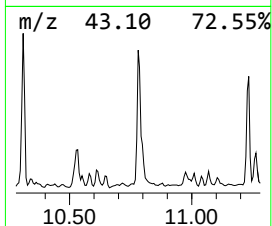
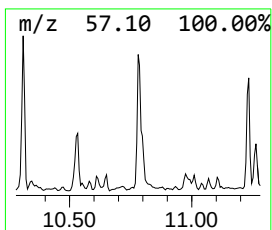
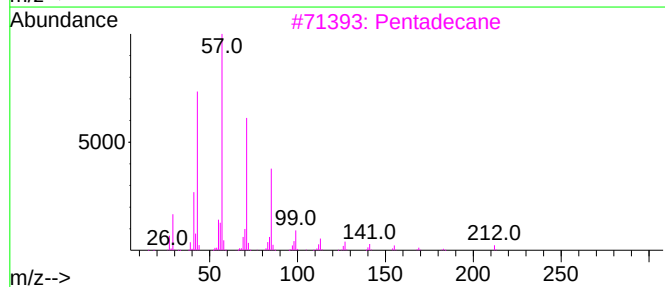
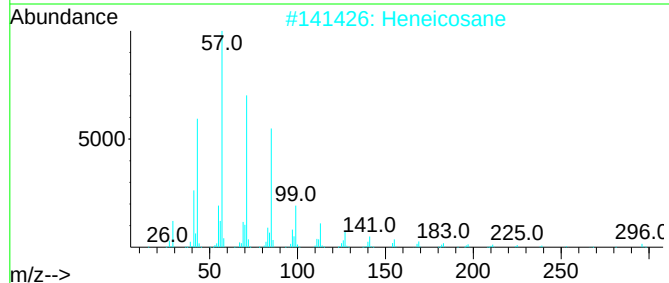
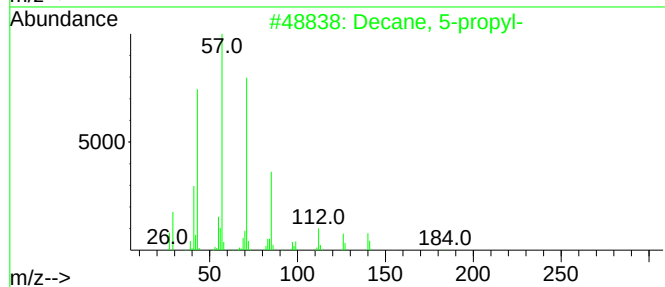
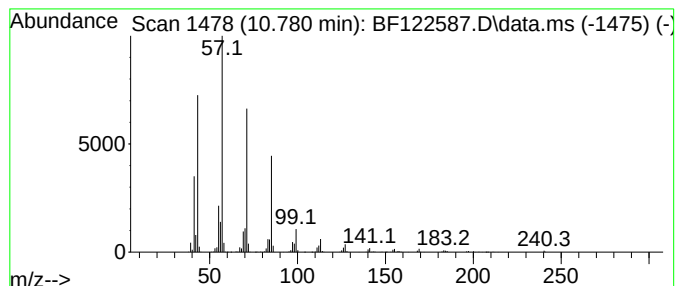
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Decane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.780	19.96 ng	1608670	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 5-propyl-	184	C13H28	017312-62-8	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Pentadecane	212	C15H32	000629-62-9	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122587.D
Acq On : 8 Dec 2020 14:35
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Sample : L4965-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

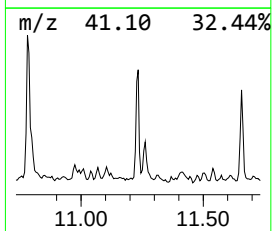
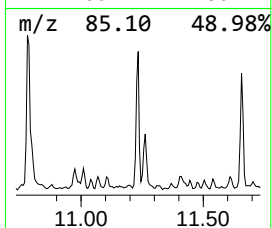
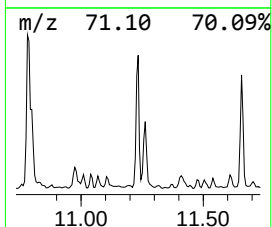
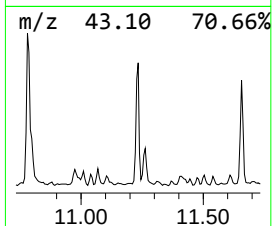
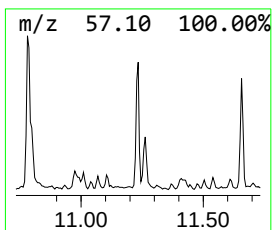
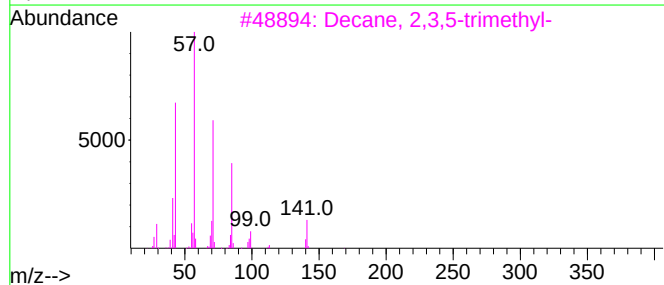
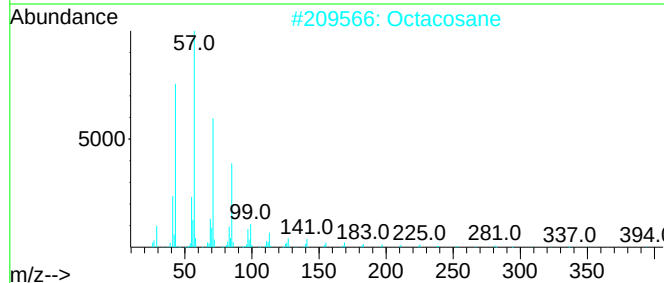
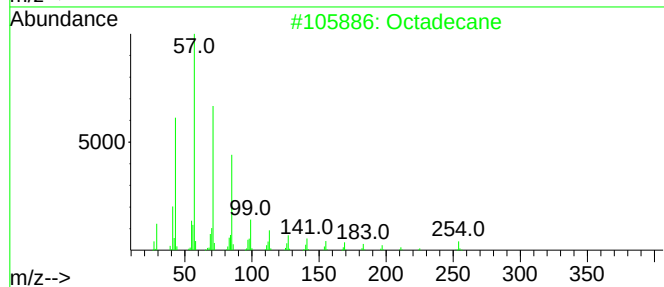
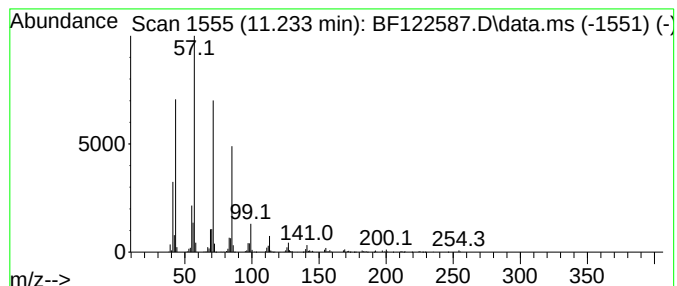
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.233	11.88 ng	957490	Phenanthrene-d10		11.363	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	93
2	Octacosane		394	C28H58	000630-02-4	90
3	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	90
4	Hexadecane		226	C16H34	000544-76-3	90
5	Tetracosane		338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122587.D
Acq On : 8 Dec 2020 14:35
Operator : JU/CG
Sample : L4965-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

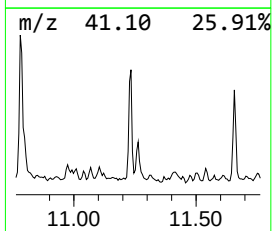
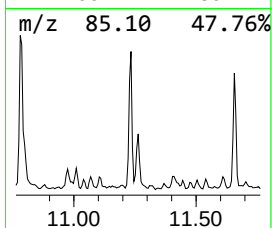
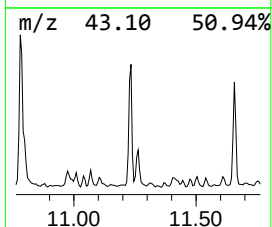
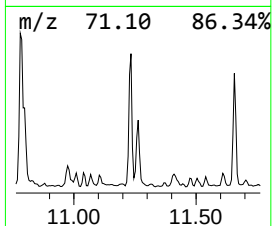
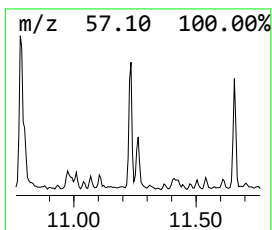
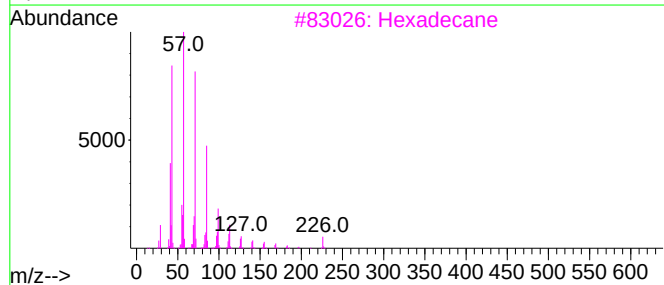
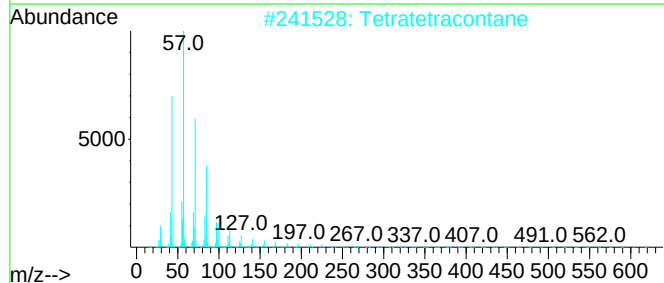
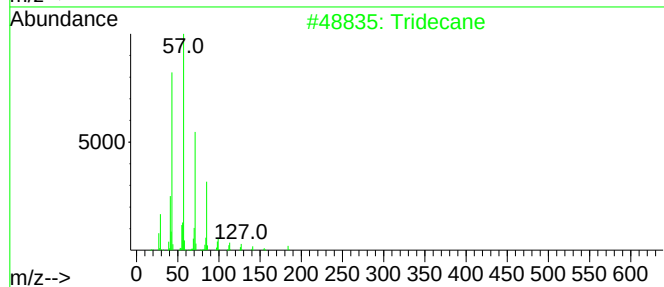
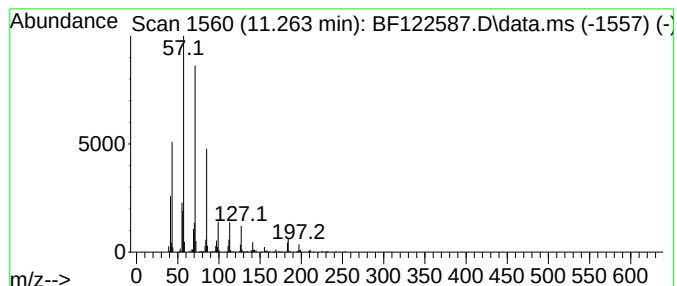
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.263	6.58 ng	530423	Phenanthrene-d10		11.363	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	90
2	Tetratetracontane		619	C44H90	007098-22-8	90
3	Hexadecane		226	C16H34	000544-76-3	83
4	Tridecane, 4-methyl-		198	C14H30	026730-12-1	76
5	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122587.D
Acq On : 8 Dec 2020 14:35
Operator : JU/CG
Sample : L4965-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

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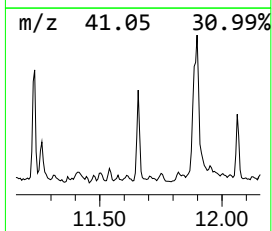
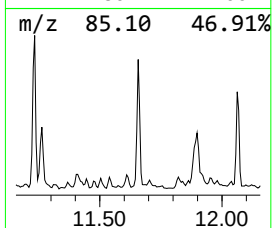
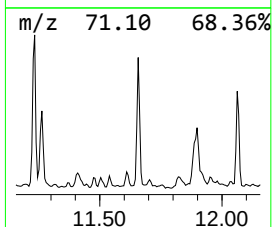
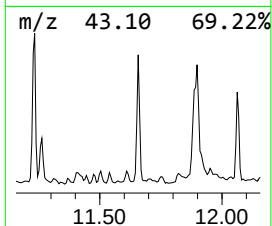
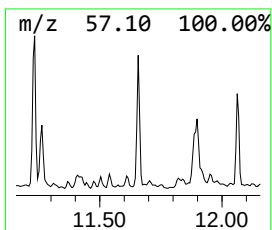
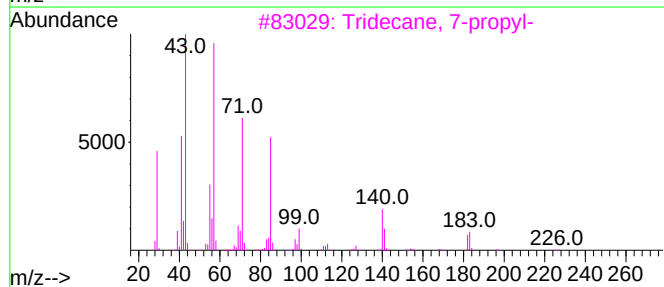
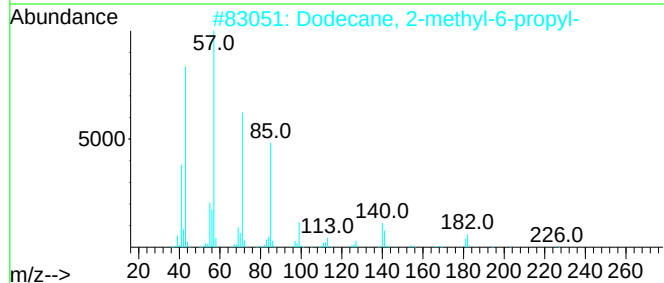
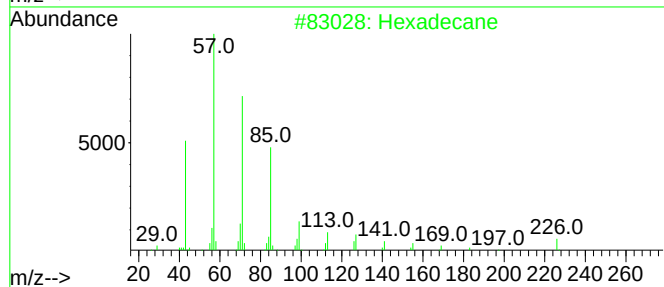
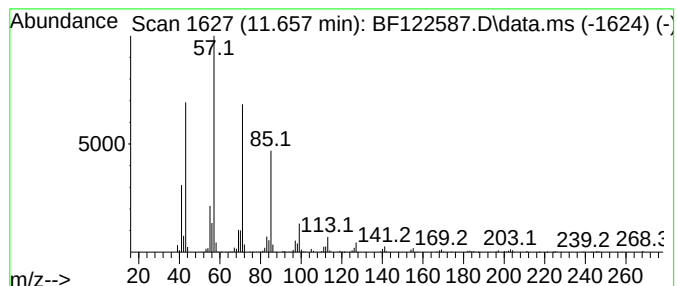
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2-methyl-6-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	9.47 ng	763105	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	94
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3			Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
4			Tetracosane	338	C24H50	000646-31-1	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122587.D
Acq On : 8 Dec 2020 14:35
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Sample : L4965-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

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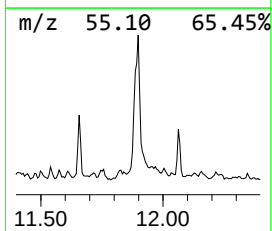
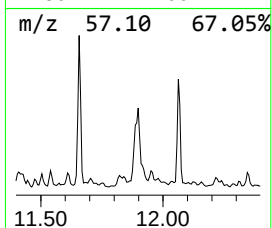
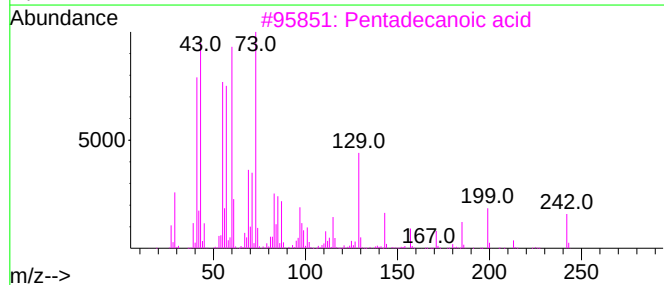
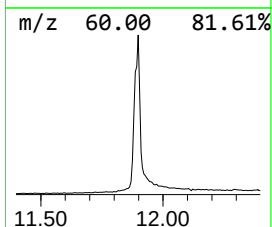
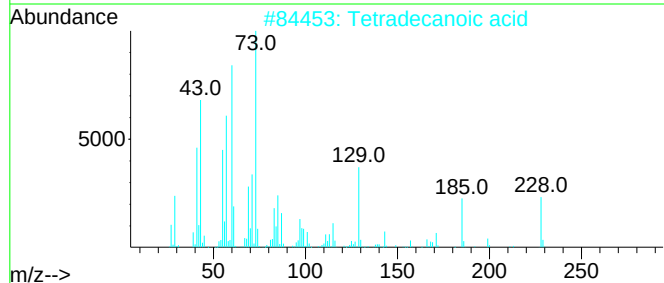
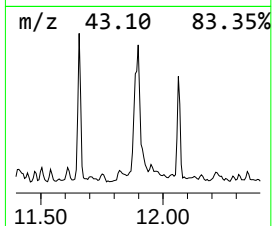
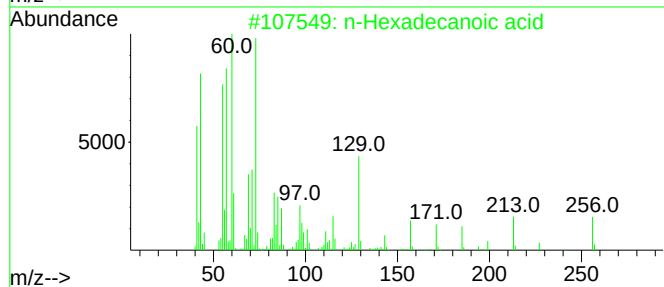
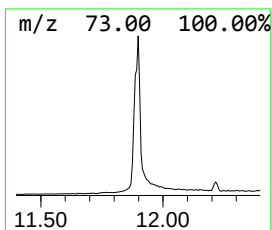
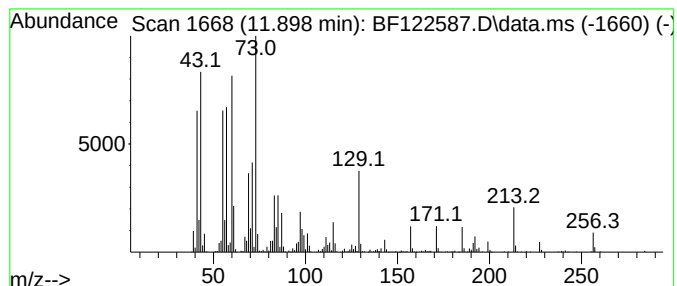
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	34.21 ng	2757050	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Octadecanoic acid	284	C18H36O2	000057-11-4	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122587.D
Acq On : 8 Dec 2020 14:35
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Sample : L4965-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

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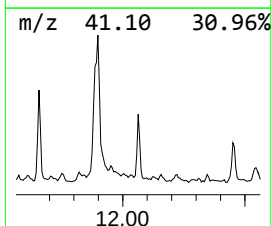
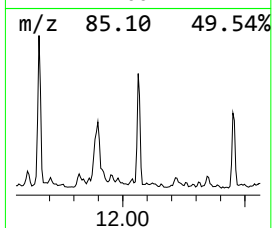
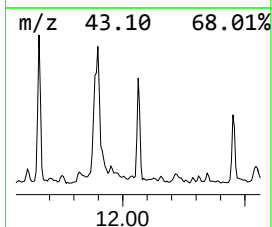
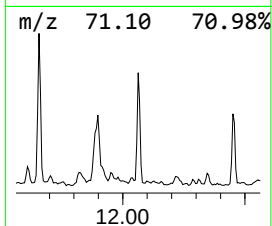
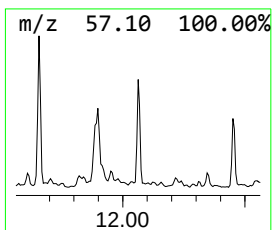
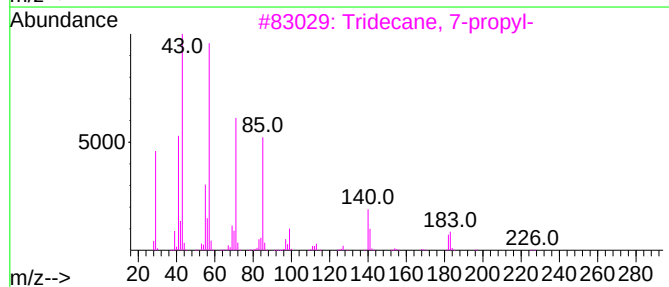
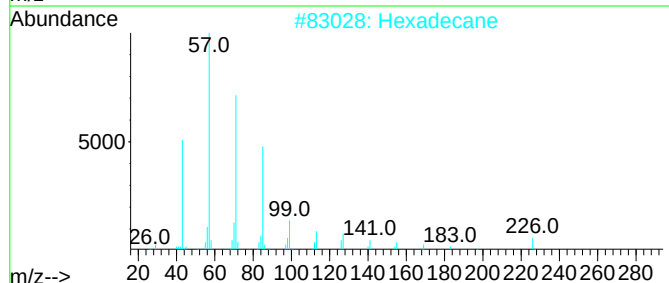
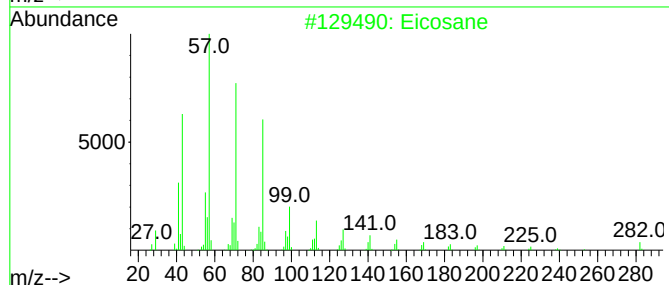
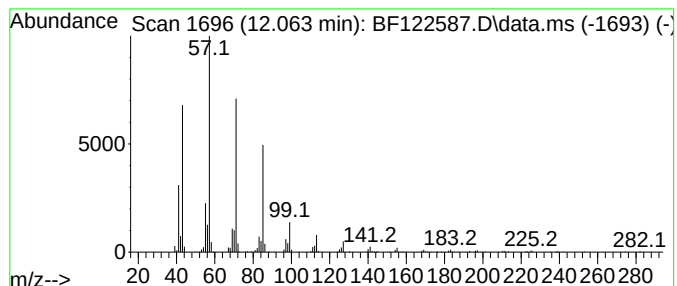
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	7.07 ng	569734	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane	282	C20H42	000112-95-8	96
2		Hexadecane	226	C16H34	000544-76-3	96
3		Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
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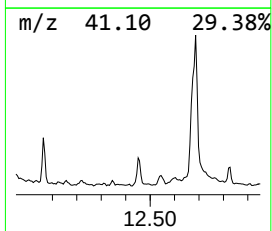
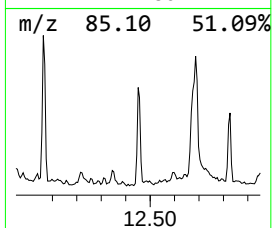
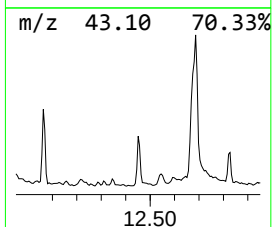
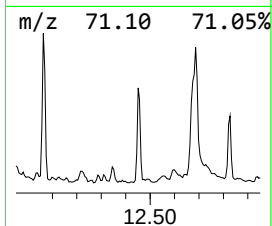
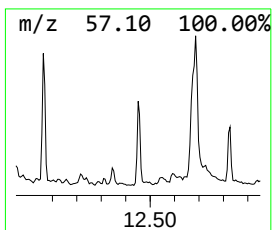
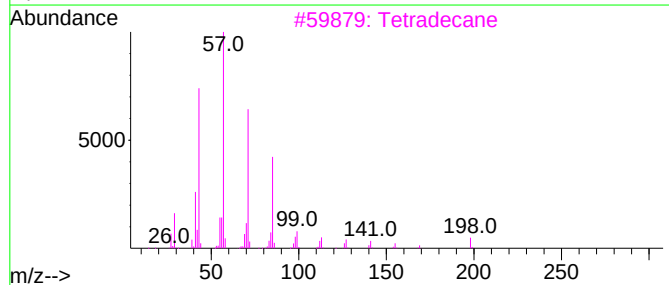
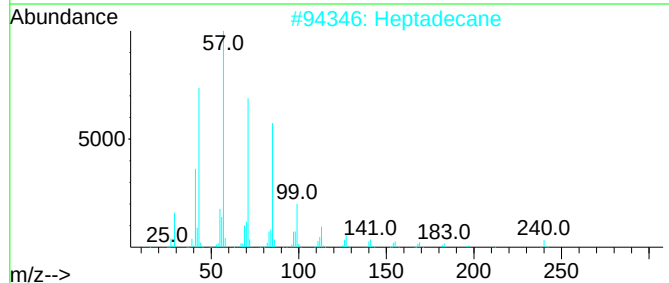
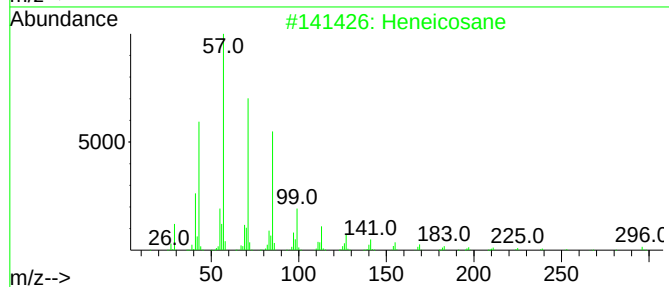
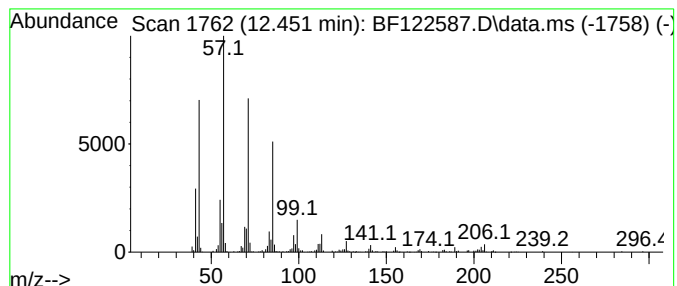
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.451	6.82 ng	550081	Phenanthrene-d10		11.363	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heptadecane		240	C17H36	000629-78-7	87
3	Tetradecane		198	C14H30	000629-59-4	86
4	Nonadecane		268	C19H40	000629-92-5	86
5	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122587.D
Acq On : 8 Dec 2020 14:35
Operator : JU/CG
Sample : L4965-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRT002

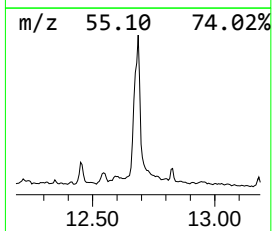
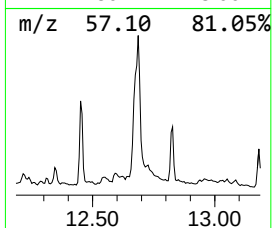
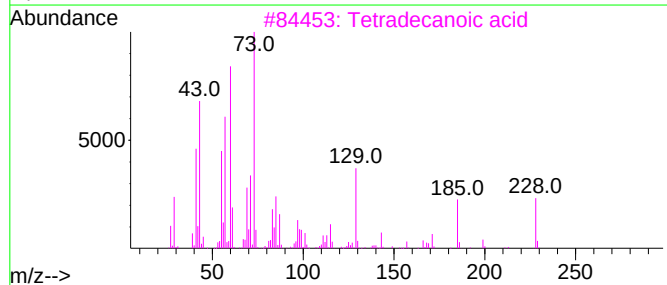
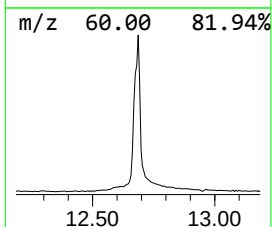
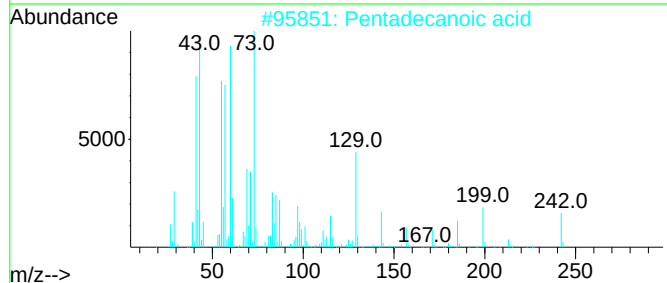
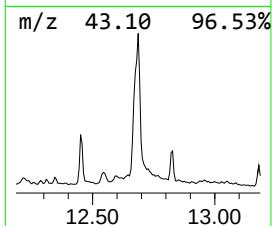
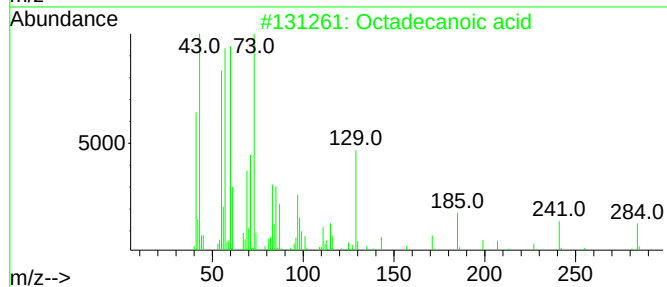
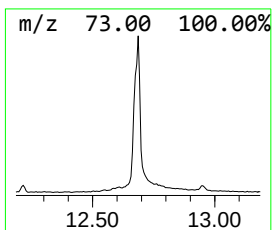
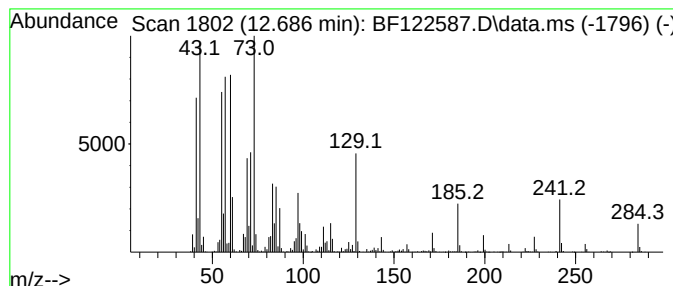
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.686	43.95 ng	4216070	Chrysene-d12	14.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4			n-Decanoic acid	172	C10H20O2	000334-48-5	70
5			Tridecanoic acid	214	C13H26O2	000638-53-9	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122587.D
Acq On : 8 Dec 2020 14:35
Operator : JU/CG
Sample : L4965-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

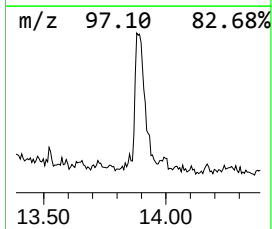
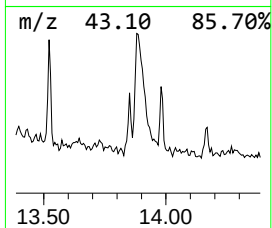
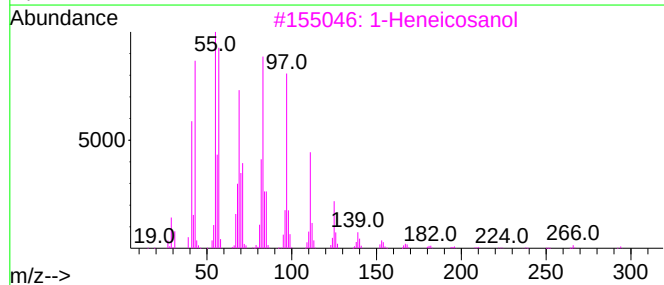
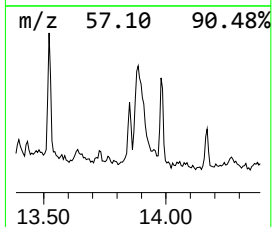
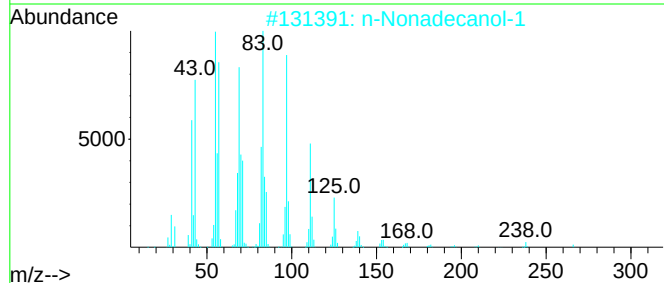
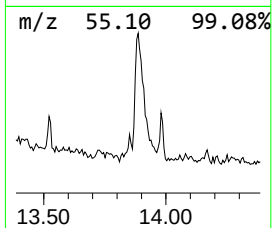
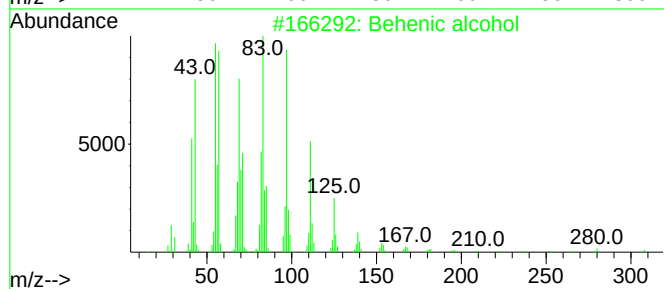
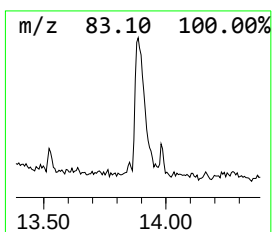
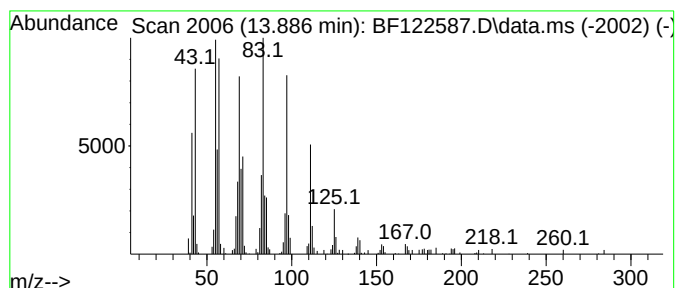
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Behenic alcohol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.886	5.35 ng	513355	Chrysene-d12	14.004	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	1-Octadecanol	270	C18H38O	000112-92-5	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122587.D
Acq On : 8 Dec 2020 14:35
Operator : JU/CG
Sample : L4965-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRT002

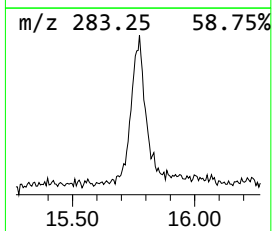
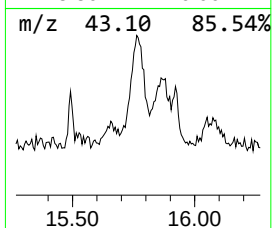
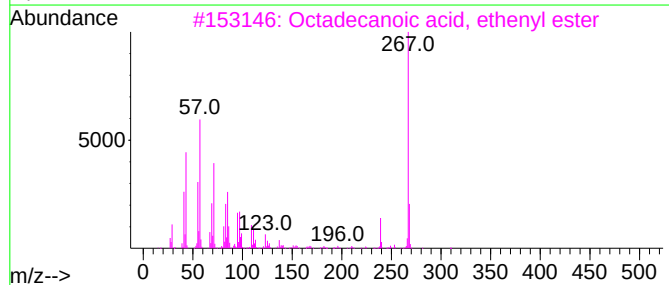
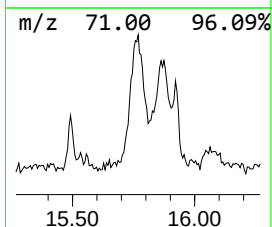
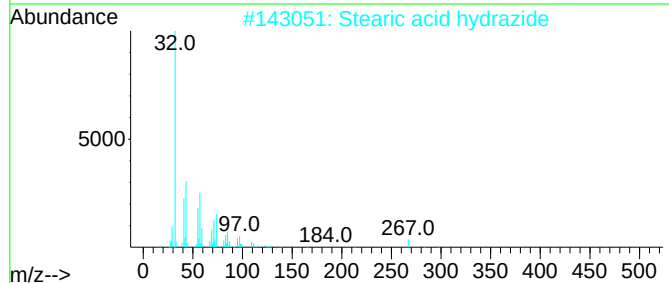
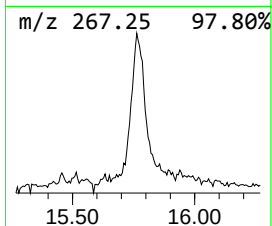
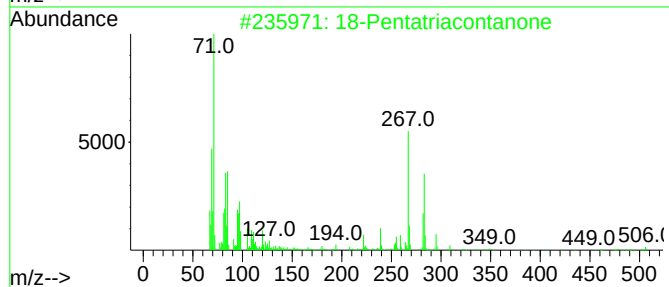
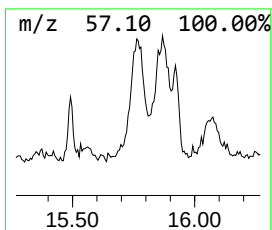
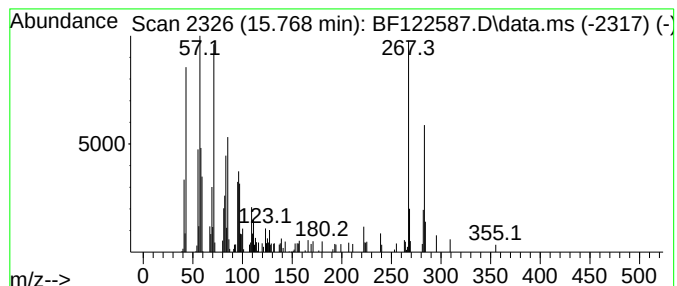
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 18-Pentatriacontanone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.768	6.35 ng	389275	Perylene-d12	15.463

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		18-Pentatriacontanone	507	C35H70O	000504-53-0	78
2		Stearic acid hydrazide	298	C18H38N2O	004130-54-5	43
3		Octadecanoic acid, ethenyl ester	310	C20H38O2	000111-63-7	35
4		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	27
5		1-Threitol, 2-O-nonyl-	248	C13H28O4	163776-15-6	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
 Data File : BF122587.D
 Acq On : 8 Dec 2020 14:35
 Operator : JU/CG
 Sample : L4965-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT002

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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
Ethanol, 2-(2-e...	6.669	3.6	ng	186190	1	6.840	1023190	20.0
Undecane, 2,6-d...	8.716	5.5	ng	410402	2	8.122	1491260	20.0
Tetradecane	9.281	11.4	ng	990385	3	9.875	1744550	20.0
unknown9.65	9.657	2.9	ng	252665	3	9.875	1744550	20.0
Heptadecane	9.810	15.6	ng	1362080	3	9.875	1744550	20.0
Decane, 2,3,5-t...	10.039	3.3	ng	288110	3	9.875	1744550	20.0
Tetradecane, 5-...	10.069	2.7	ng	239138	3	9.875	1744550	20.0
Heptacosane	10.133	4.4	ng	386939	3	9.875	1744550	20.0
Hexadecane	10.310	15.7	ng	1372620	3	9.875	1744550	20.0
Pentadecane, 2,...	10.533	8.5	ng	743854	3	9.875	1744550	20.0
Decane, 5-propyl-	10.780	20.0	ng	1608670	4	11.363	1611990	20.0
Octadecane	11.233	11.9	ng	957490	4	11.363	1611990	20.0
Tridecane	11.263	6.6	ng	530423	4	11.363	1611990	20.0
Dodecane, 2-met...	11.657	9.5	ng	763105	4	11.363	1611990	20.0
n-Hexadecanoic ...	11.898	34.2	ng	2757050	4	11.363	1611990	20.0
Eicosane	12.063	7.1	ng	569734	4	11.363	1611990	20.0
Heneicosane	12.451	6.8	ng	550081	4	11.363	1611990	20.0
Octadecanoic acid	12.686	44.0	ng	4216070	5	14.004	1918460	20.0
Behenic alcohol	13.886	5.3	ng	513355	5	14.004	1918460	20.0
18-Pentatriacon...	15.768	6.3	ng	389275	6	15.463	1225540	20.0