

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
 Data File : BF114140.D
 Acq On : 11 May 2019 00:06
 Operator : JU/SJ
 Sample : K2761-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-006-A

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BF051019.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.051	501	504	511	rVB	432618	455904	16.00%	1.026%
2	5.475	565	576	587	rBV	632270	667273	23.42%	1.501%
3	5.769	623	626	631	rBV	115787	108133	3.79%	0.243%
4	6.110	681	684	687	rBV2	77351	82842	2.91%	0.186%
5	6.392	729	732	734	rBV2	99035	103474	3.63%	0.233%
6	6.481	744	747	754	rVV	1717185	1627103	57.10%	3.661%
7	6.622	768	771	779	rVB	1411232	1206576	42.34%	2.715%
8	6.692	779	783	786	rBV2	236676	264649	9.29%	0.595%
9	6.851	807	810	818	rVB	2228578	2053739	72.07%	4.620%
10	6.916	818	821	825	rBV3	86210	87296	3.06%	0.196%
11	7.010	833	837	840	rBV	1648867	1364807	47.89%	3.071%
12	7.134	855	858	861	rVB	134866	124825	4.38%	0.281%
13	7.175	861	865	867	rBV2	80498	106274	3.73%	0.239%
14	7.245	872	877	881	rBV2	109025	130085	4.56%	0.293%
15	7.410	897	905	908	rBV	1120104	1106769	38.84%	2.490%
16	7.451	910	912	916	rVB	413174	347348	12.19%	0.781%
17	7.504	916	921	924	rVB4	92326	136775	4.80%	0.308%
18	7.781	966	968	971	rVV3	90387	98134	3.44%	0.221%
19	7.822	971	975	978	rVV3	76953	102997	3.61%	0.232%
20	7.857	978	981	982	rVV	86585	80409	2.82%	0.181%
21	7.886	982	986	991	rVV5	106943	215780	7.57%	0.485%
22	7.933	991	994	996	rVV2	75720	72432	2.54%	0.163%
23	8.092	1015	1021	1023	rBV5	49047	89315	3.13%	0.201%
24	8.133	1023	1028	1031	rBV	2924317	2849742	100.00%	6.411%
25	8.198	1037	1039	1042	rVB	179983	144189	5.06%	0.324%
26	8.333	1060	1062	1066	rVB2	61493	80448	2.82%	0.181%
27	8.428	1073	1078	1081	rVV5	120439	161663	5.67%	0.364%
28	8.481	1085	1087	1090	rVB3	74974	71698	2.52%	0.161%
29	8.516	1090	1093	1096	rBV3	114262	116382	4.08%	0.262%
30	8.557	1097	1100	1102	rBV	204829	168319	5.91%	0.379%
31	8.639	1111	1114	1117	rBV2	141171	115378	4.05%	0.260%
32	8.681	1117	1121	1126	rBV7	55015	85652	3.01%	0.193%
33	8.728	1126	1129	1132	rBV	628775	486990	17.09%	1.096%
34	8.792	1137	1140	1143	rVV4	92235	129814	4.56%	0.292%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.828	1143	1146	1147	rVV3	87728	89386	3.14%	0.201%
36	8.845	1147	1149	1153	rVB	155877	123256	4.33%	0.277%
37	8.945	1163	1166	1170	rVV2	120629	156648	5.50%	0.352%
38	9.092	1187	1191	1194	rVB3	106042	124323	4.36%	0.280%
39	9.157	1199	1202	1207	rVB2	220759	197215	6.92%	0.444%
40	9.204	1207	1210	1214	rBV	2015315	1659947	58.25%	3.735%
41	9.292	1221	1225	1230	rBV	681821	615049	21.58%	1.384%
42	9.357	1234	1236	1239	rVV2	92989	101907	3.58%	0.229%
43	9.480	1252	1257	1259	rVB3	91741	143911	5.05%	0.324%
44	9.545	1265	1268	1270	rBV	161071	127943	4.49%	0.288%
45	9.569	1270	1272	1275	rVV	126274	93074	3.27%	0.209%
46	9.598	1275	1277	1279	rVV	354627	349808	12.28%	0.787%
47	9.633	1281	1283	1286	rVB2	109519	88210	3.10%	0.198%
48	9.669	1286	1289	1292	rVB2	118474	124696	4.38%	0.281%
49	9.745	1300	1302	1307	rBV3	61549	89152	3.13%	0.201%
50	9.822	1312	1315	1319	rVB	602102	465451	16.33%	1.047%
51	9.886	1319	1326	1329	rBV2	2783718	2400500	84.24%	5.401%
52	9.922	1329	1332	1335	rVB4	104625	102833	3.61%	0.231%
53	9.992	1341	1344	1349	rVB3	81279	93026	3.26%	0.209%
54	10.051	1351	1354	1357	rVV3	63328	100332	3.52%	0.226%
55	10.086	1357	1360	1363	rVV2	151502	192657	6.76%	0.433%
56	10.145	1365	1370	1374	rVV5	102879	190867	6.70%	0.429%
57	10.204	1377	1380	1383	rBV2	80681	81550	2.86%	0.183%
58	10.316	1397	1399	1402	rVB	476613	411235	14.43%	0.925%
59	10.374	1407	1409	1415	rVB5	50326	71509	2.51%	0.161%
60	10.433	1415	1419	1421	rBV2	169185	171639	6.02%	0.386%
61	10.539	1432	1437	1443	rBV	187575	271807	9.54%	0.612%
62	10.592	1443	1446	1449	rVB4	74481	73650	2.58%	0.166%
63	10.674	1454	1460	1463	rBV2	131092	172871	6.07%	0.389%
64	10.792	1477	1480	1488	rVB	503690	645112	22.64%	1.451%
65	11.010	1514	1517	1520	rVB2	64630	73651	2.58%	0.166%
66	11.239	1553	1556	1558	rBV	402023	314210	11.03%	0.707%
67	11.269	1558	1561	1566	rVB	287737	316298	11.10%	0.712%
68	11.369	1575	1578	1581	rBV	2499146	2424895	85.09%	5.456%
69	11.392	1581	1582	1585	rVV	948798	632672	22.20%	1.423%
70	11.445	1589	1591	1594	rVB	248456	186512	6.54%	0.420%
71	11.480	1594	1597	1600	rBV3	61908	72899	2.56%	0.164%

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72	11.598	1612	1617	1619	rBV	122007	149356	5.24%	0.336%
73	11.663	1625	1628	1631	rBV	383998	289532	10.16%	0.651%
74	11.763	1642	1645	1647	rBV	613475	445106	15.62%	1.001%
75	11.874	1661	1664	1665	rVV	167383	153254	5.38%	0.345%
76	11.898	1665	1668	1671	rVV2	331506	326079	11.44%	0.734%
77	11.945	1674	1676	1679	rVV	70650	83498	2.93%	0.188%
78	11.980	1679	1682	1685	rVV	270157	309891	10.87%	0.697%
79	12.004	1685	1686	1691	rVB2	142830	118451	4.16%	0.266%
80	12.069	1695	1697	1700	rVV	363133	308142	10.81%	0.693%
81	12.169	1711	1714	1716	rBV	112619	123255	4.33%	0.277%
82	12.298	1734	1736	1738	rBV2	86741	83221	2.92%	0.187%
83	12.351	1742	1745	1751	rBV3	135119	215523	7.56%	0.485%
84	12.421	1754	1757	1759	rBV	207283	206979	7.26%	0.466%
85	12.445	1759	1761	1763	rVV	1296085	1260978	44.25%	2.837%
86	12.468	1763	1765	1770	rVB2	1978668	1675633	58.80%	3.770%
87	12.551	1776	1779	1782	rBV2	286003	301118	10.57%	0.677%
88	12.580	1782	1784	1788	rVV	1020071	901060	31.62%	2.027%
89	12.810	1818	1823	1825	rBV	1032421	1087765	38.17%	2.447%
90	12.833	1825	1827	1830	rVB2	382951	327342	11.49%	0.736%
91	12.951	1844	1847	1850	rBV	1758126	1402450	49.21%	3.155%
92	13.139	1877	1879	1881	rVB	274767	200197	7.03%	0.450%
93	13.186	1884	1887	1889	rBV	398316	358432	12.58%	0.806%
94	13.527	1942	1945	1948	rBV2	408104	350914	12.31%	0.789%
95	13.857	1998	2001	2009	rVB2	619815	785128	27.55%	1.766%
96	14.010	2023	2027	2030	rBV2	1893420	1891301	66.37%	4.255%
97	14.174	2052	2055	2058	rBV	463075	407696	14.31%	0.917%
98	14.474	2104	2106	2111	rBV	447580	469427	16.47%	1.056%
99	14.780	2156	2158	2161	rBV	431550	397286	13.94%	0.894%
100	15.474	2273	2276	2279	rBV	953780	1225676	43.01%	2.758%

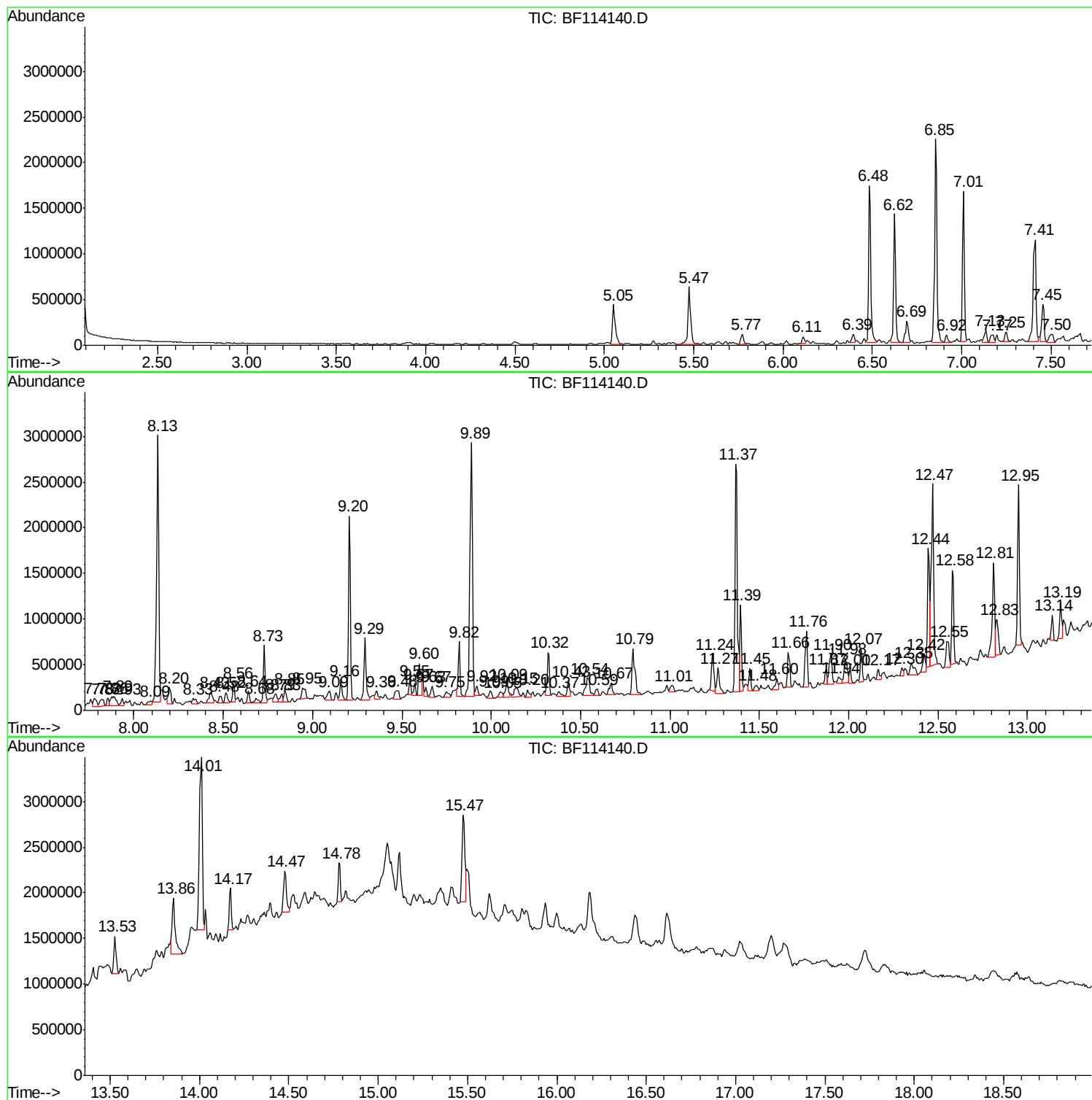
Sum of corrected areas: 44448605

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
FK-SF-03-006-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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Instrument :
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ClientSampleId :
FK-SF-03-006-A

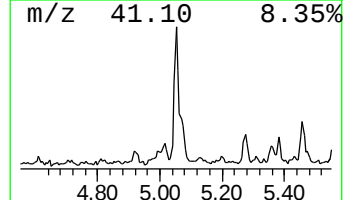
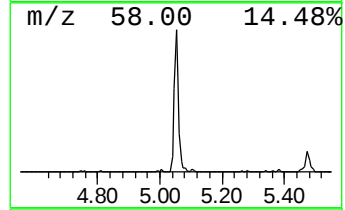
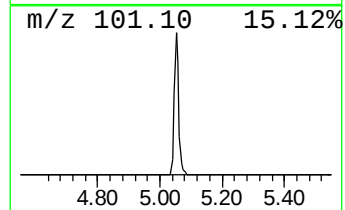
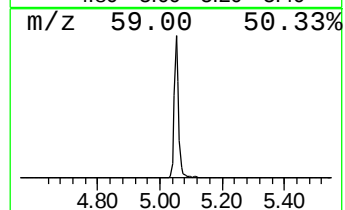
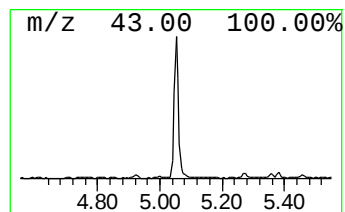
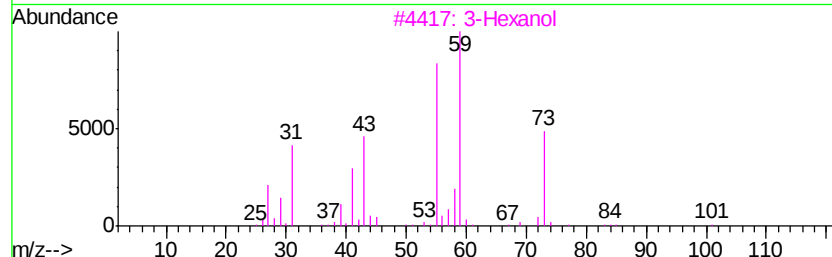
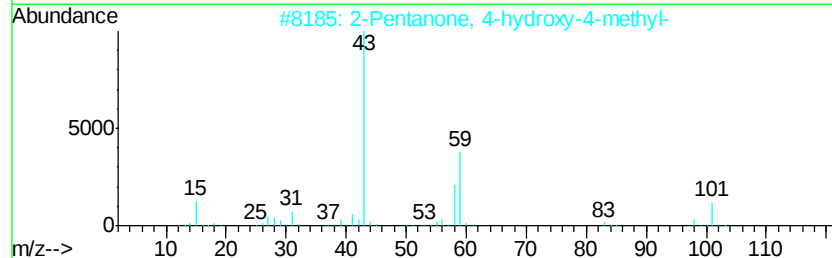
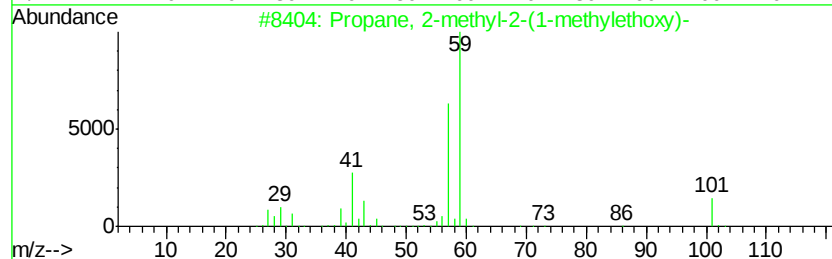
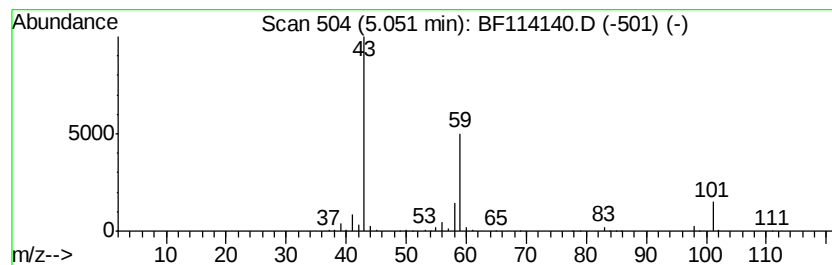
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2-methyl-2-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	4.44 ng	455904	1,4-Dichlorobenzene-d4	6.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3		3-Hexanol	102	C6H14O	000623-37-0	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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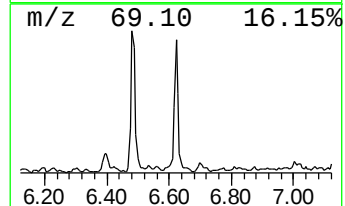
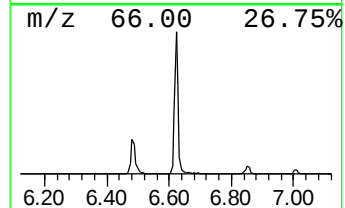
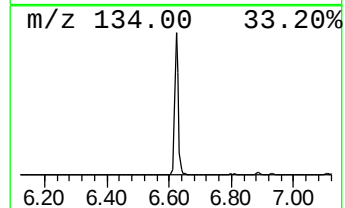
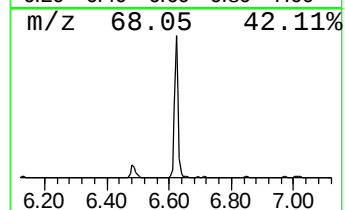
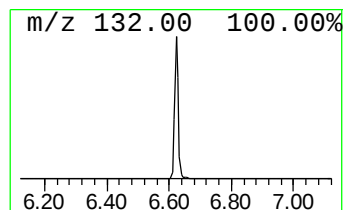
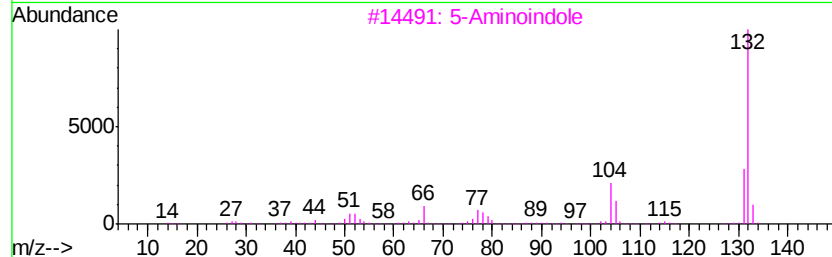
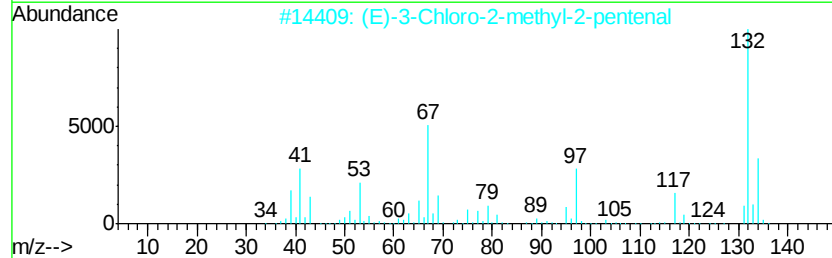
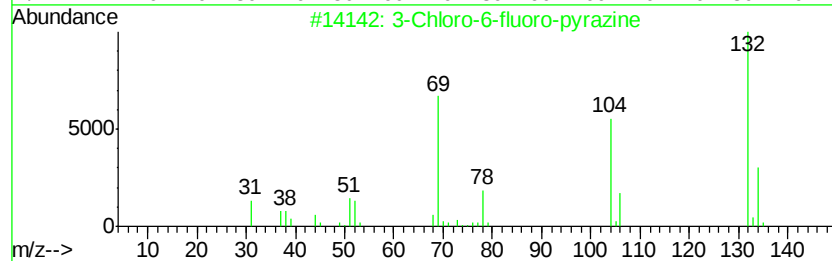
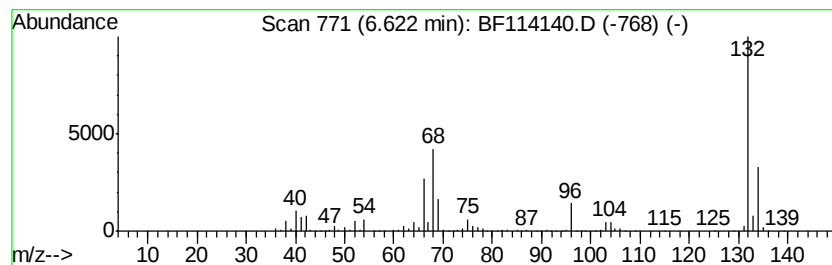
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.62 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	11.75 ng	1206580	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Amphetaminil	250	C17H18N2	017590-01-1	10
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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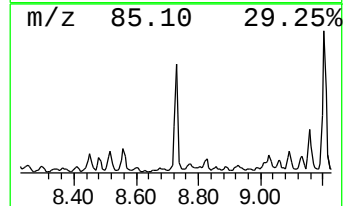
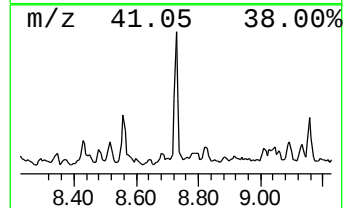
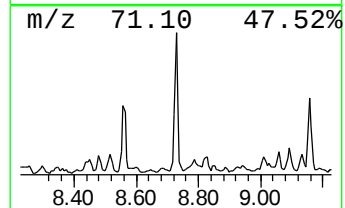
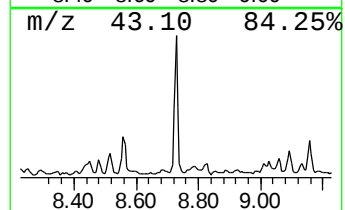
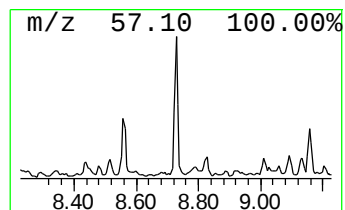
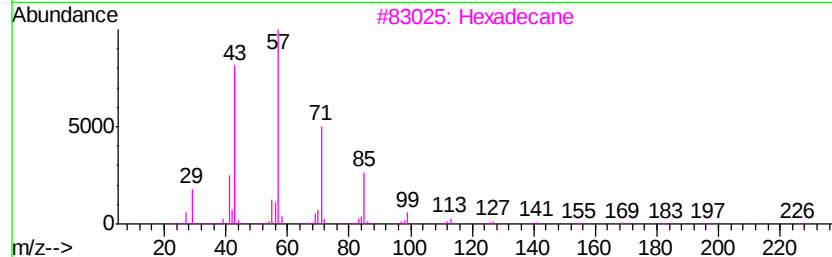
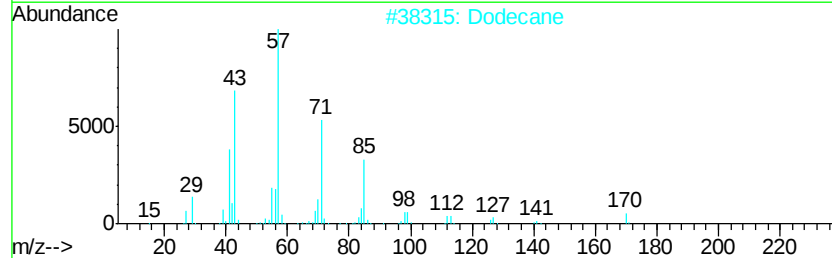
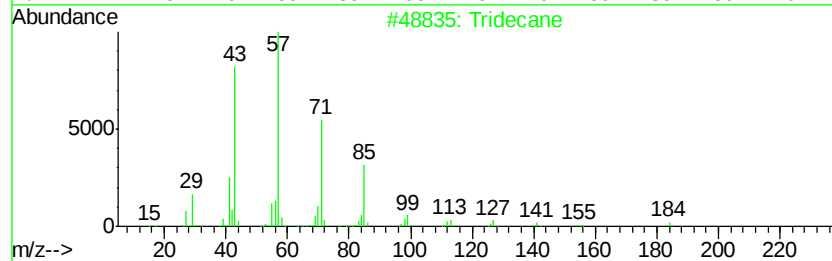
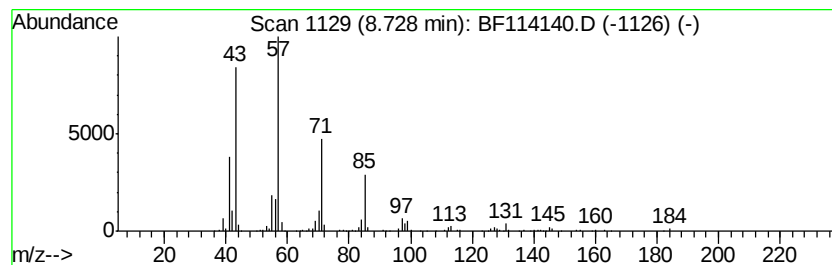
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	3.42 ng	486990	Naphthalene-d8	8.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	94
2	Dodecane		170	C12H26	000112-40-3	86
3	Hexadecane		226	C16H34	000544-76-3	86
4	Undecane		156	C11H24	001120-21-4	72
5	Dodecane, 2-methyl-		184	C13H28	001560-97-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114140.D
Acq On : 11 May 2019 00:06
Operator : JU/SJ
Sample : K2761-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

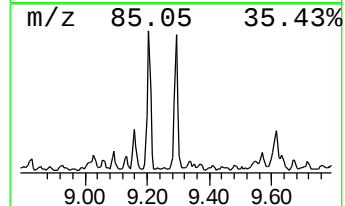
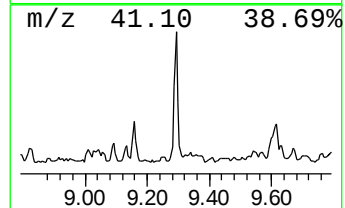
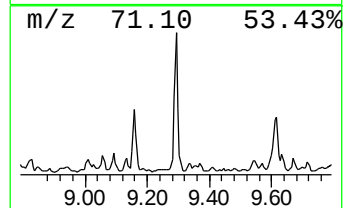
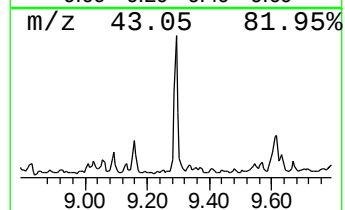
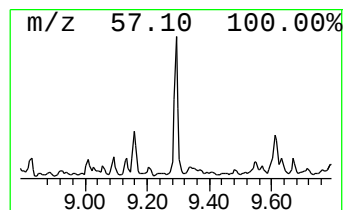
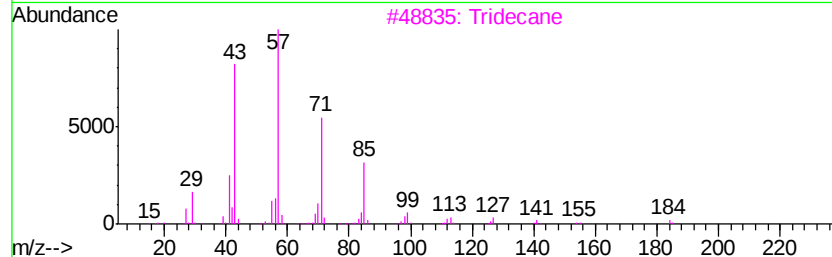
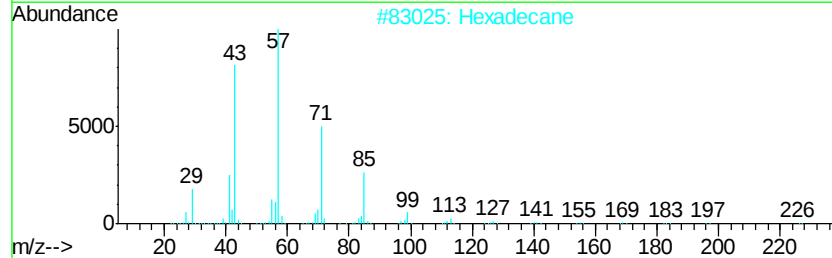
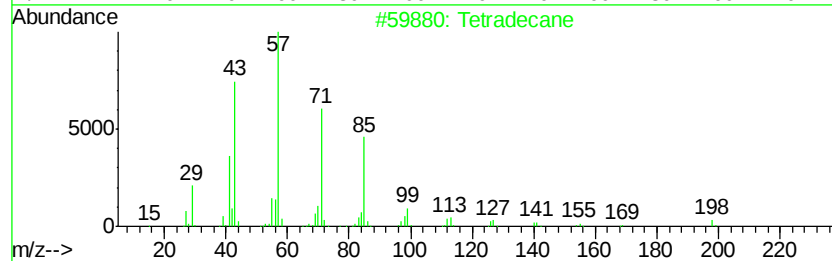
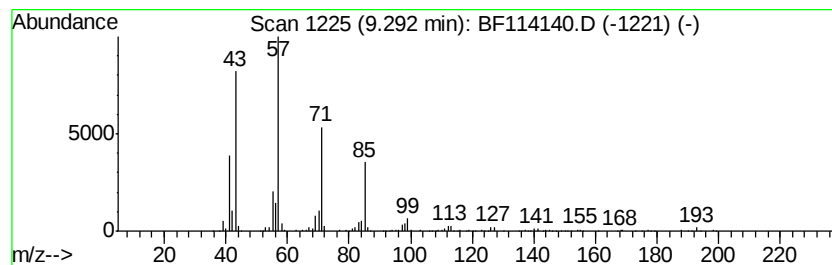
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	5.12 ng	615049	Acenaphthene-d10	9.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	86
4		Pentadecane	212	C15H32	000629-62-9	86
5		Undecane	156	C11H24	001120-21-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
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Sample : K2761-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

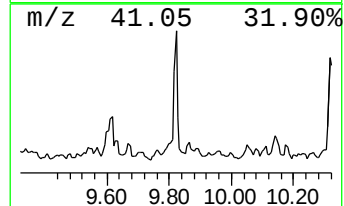
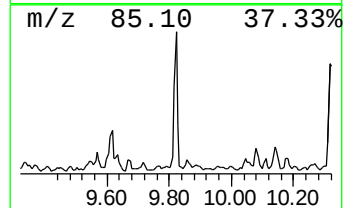
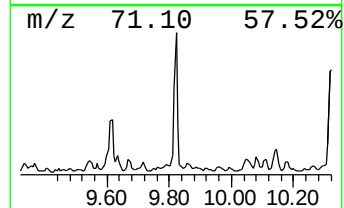
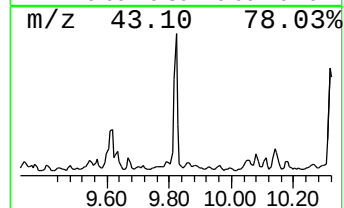
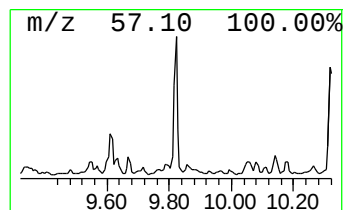
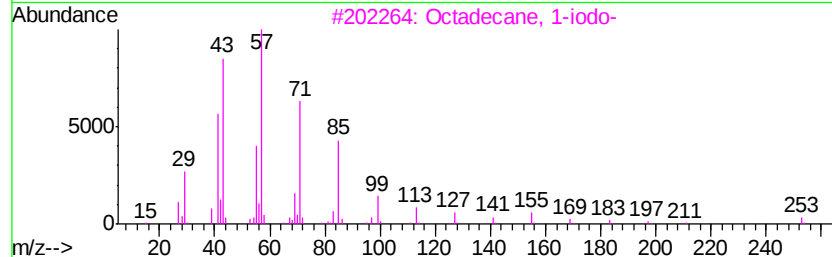
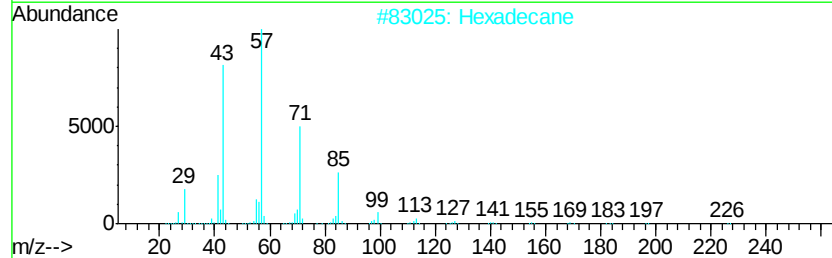
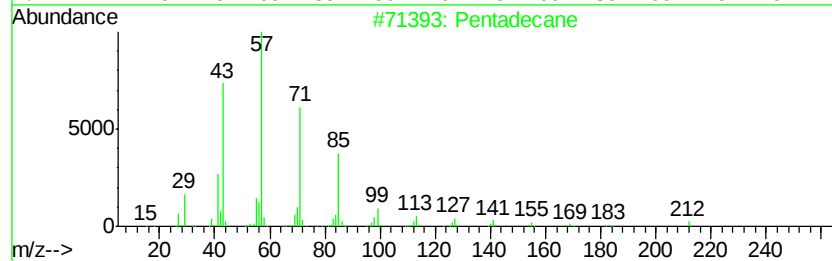
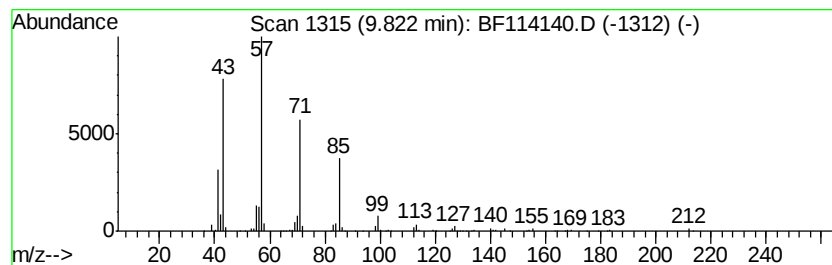
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.82	3.88 ng	465451	Acenaphthene-d10		9.89
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53
5	Undecane	156	C11H24	001120-21-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114140.D
Acq On : 11 May 2019 00:06
Operator : JU/SJ
Sample : K2761-01 5X
Misc :
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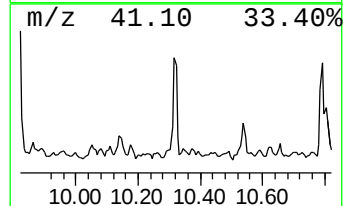
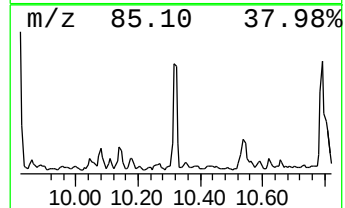
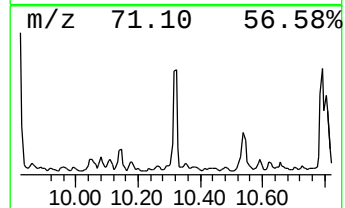
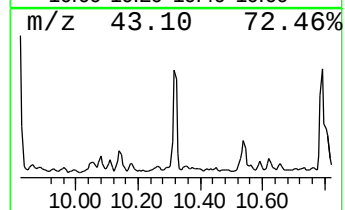
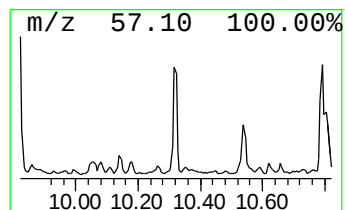
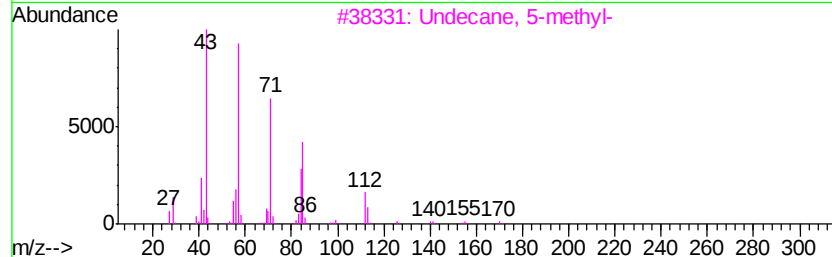
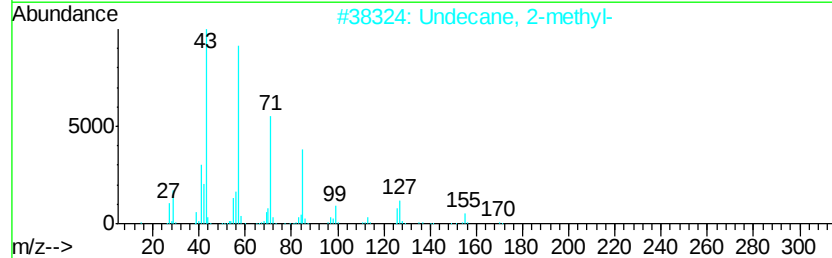
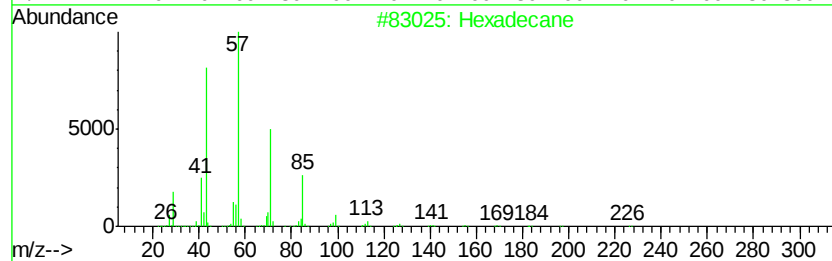
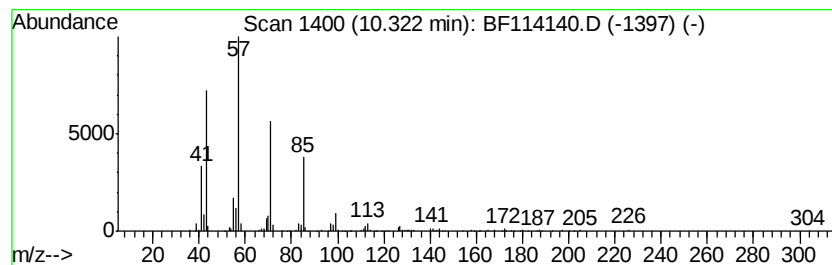
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.32	3.43 ng	411235	Acenaphthene-d10		9.89
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	90
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	83
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114140.D
Acq On : 11 May 2019 00:06
Operator : JU/SJ
Sample : K2761-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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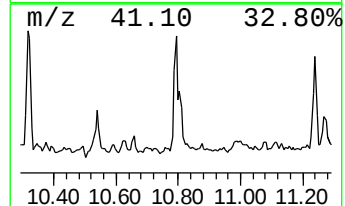
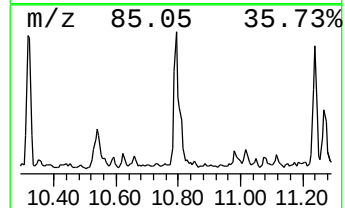
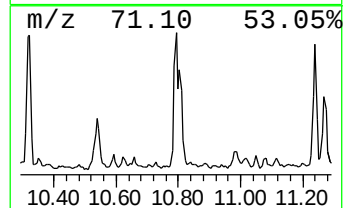
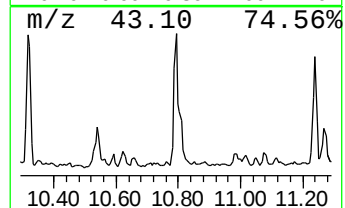
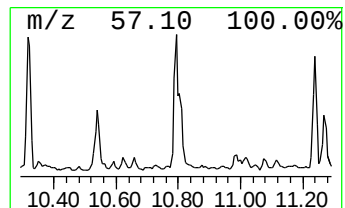
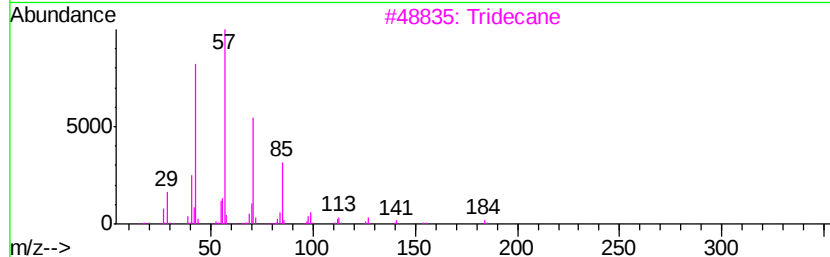
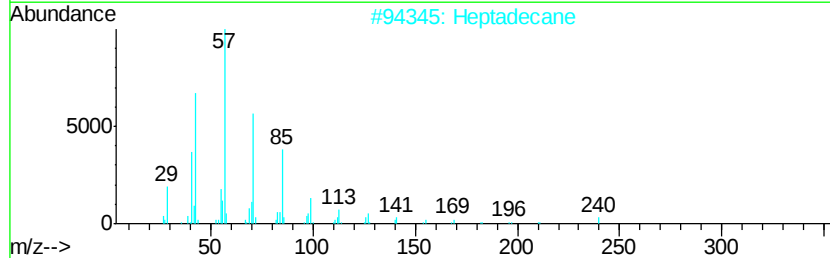
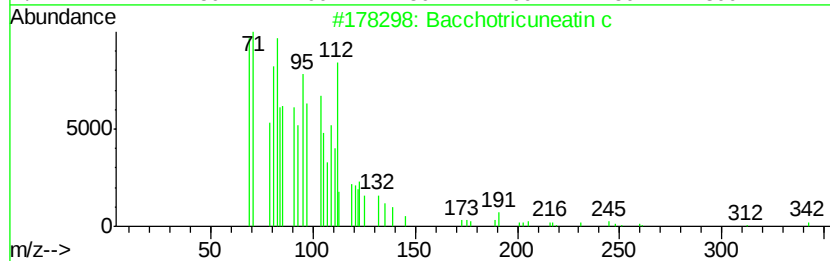
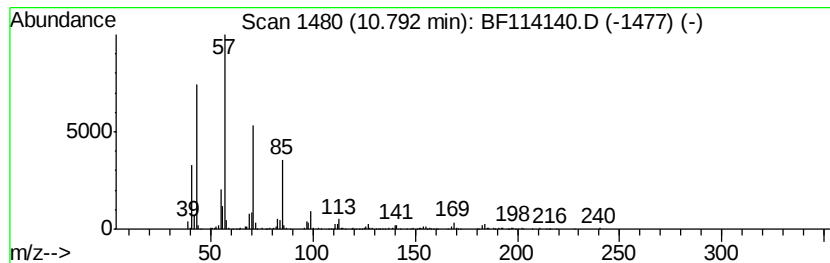
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Bacchotricuneatin c Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	5.32 ng	645112	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2		Heptadecane	240	C17H36	000629-78-7	95
3		Tridecane	184	C13H28	000629-50-5	93
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114140.D
Acq On : 11 May 2019 00:06
Operator : JU/SJ
Sample : K2761-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FK-SF-03-006-A

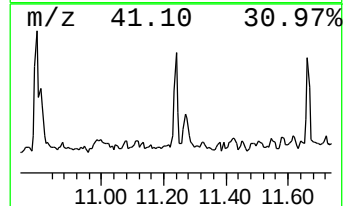
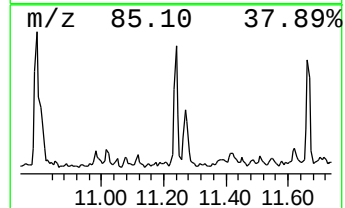
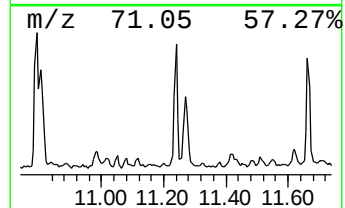
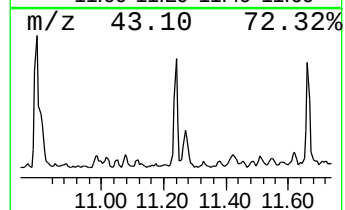
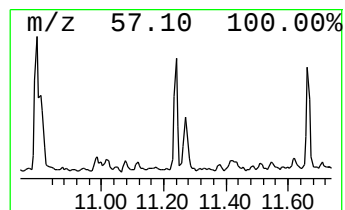
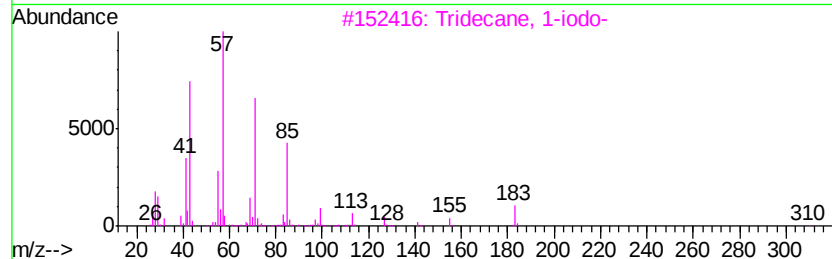
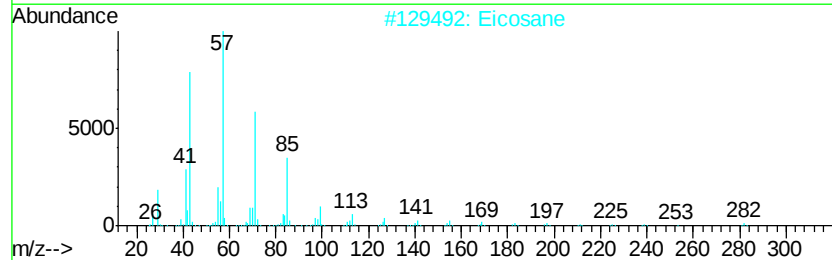
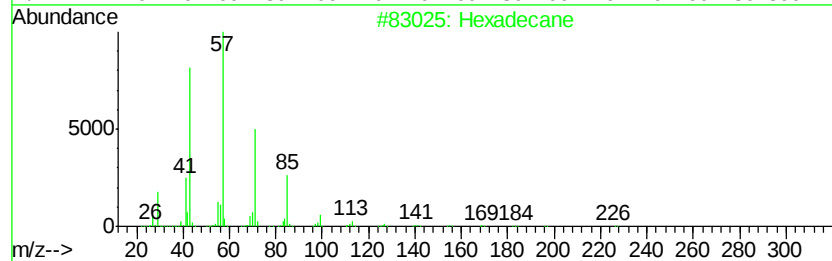
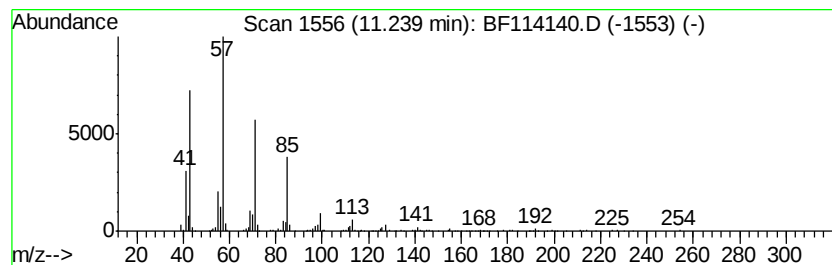
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	2.59 ng	314210	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Eicosane		282	C20H42	000112-95-8	90
3	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	87
4	Tetradecane		198	C14H30	000629-59-4	86
5	Octadecane		254	C18H38	000593-45-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
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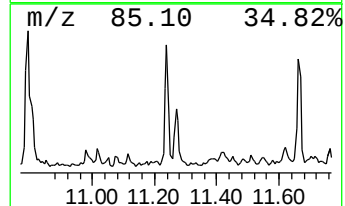
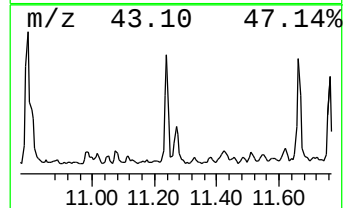
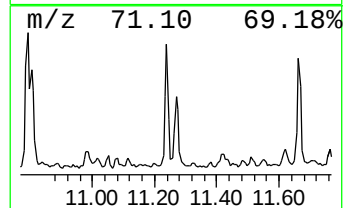
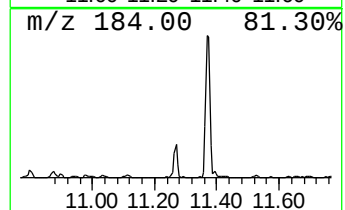
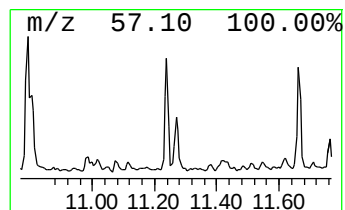
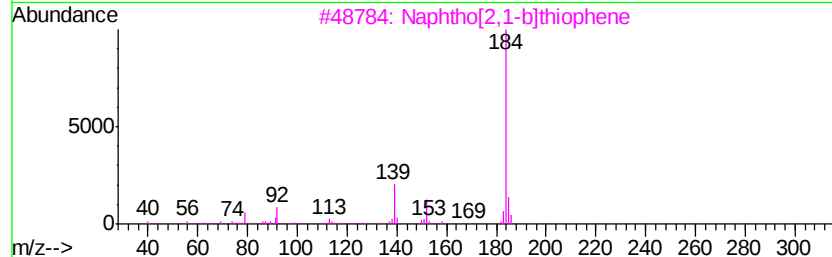
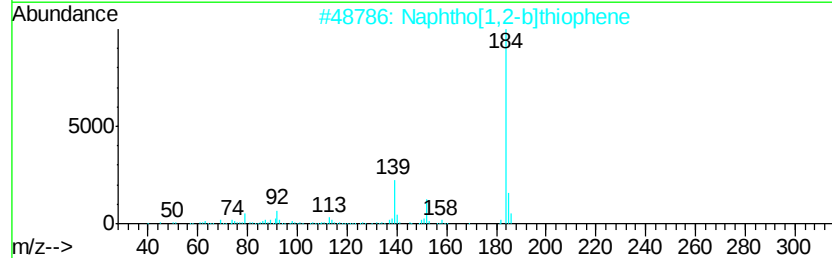
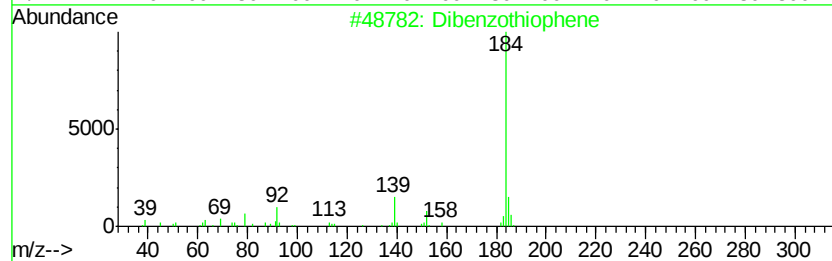
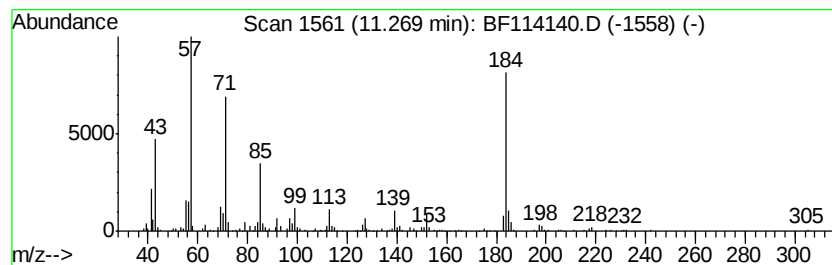
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.61 ng	316298	Phenanthrene-d10	11.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dibenzothiophene	184 C12H8S	000132-65-0	87
2	Naphtho[1,2-b]thiophene	184 C12H8S	000234-41-3	55
3	Naphtho[2,1-b]thiophene	184 C12H8S	000233-02-3	55
4	Azuleno(2,1-b)thiophene	184 C12H8S	000248-13-5	50
5	Heptadecane	240 C17H36	000629-78-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114140.D
Acq On : 11 May 2019 00:06
Operator : JU/SJ
Sample : K2761-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FK-SF-03-006-A

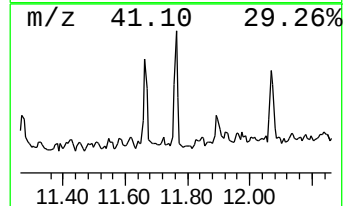
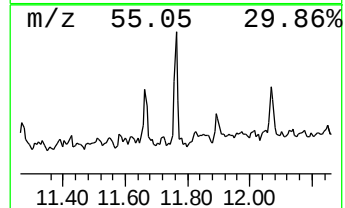
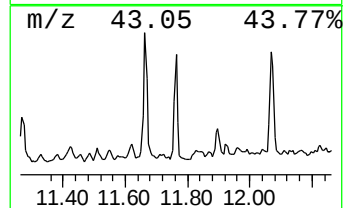
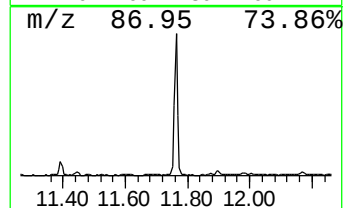
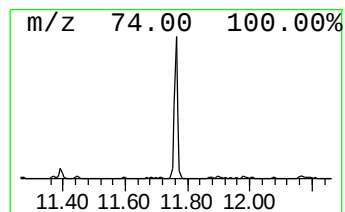
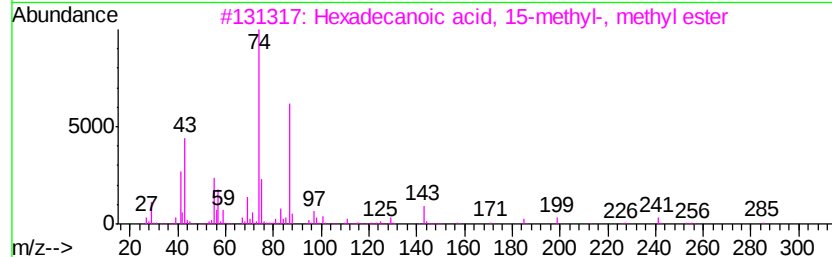
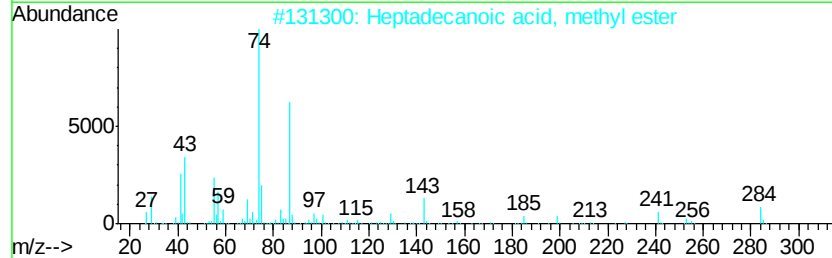
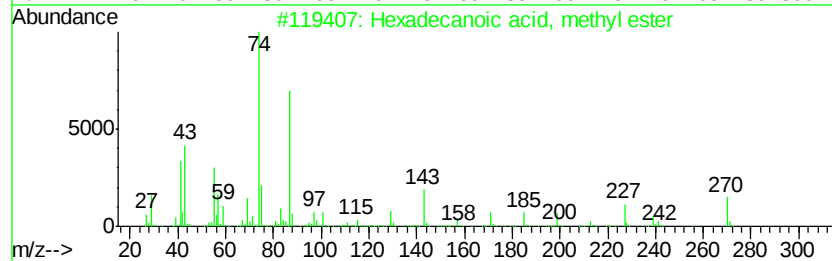
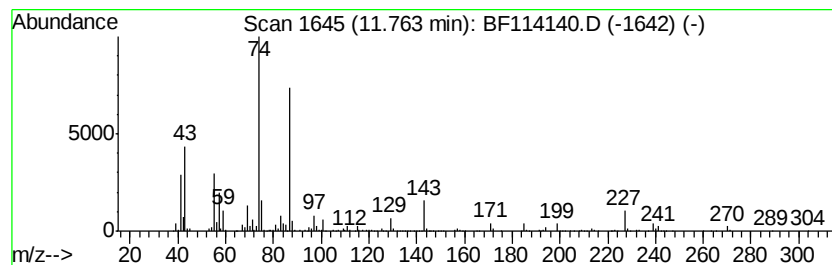
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	3.67 ng	445106	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
2		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	87
3		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114140.D
Acq On : 11 May 2019 00:06
Operator : JU/SJ
Sample : K2761-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

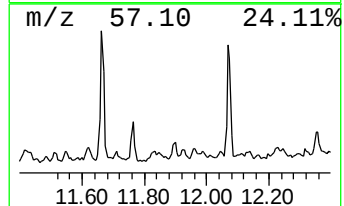
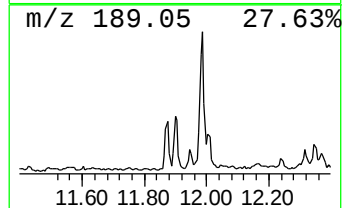
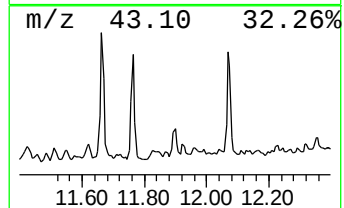
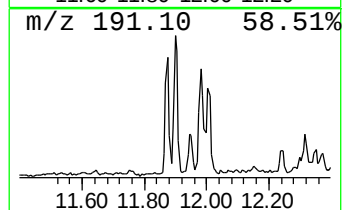
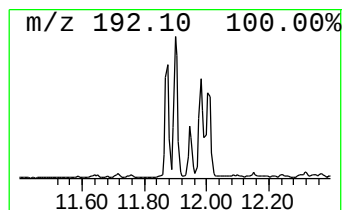
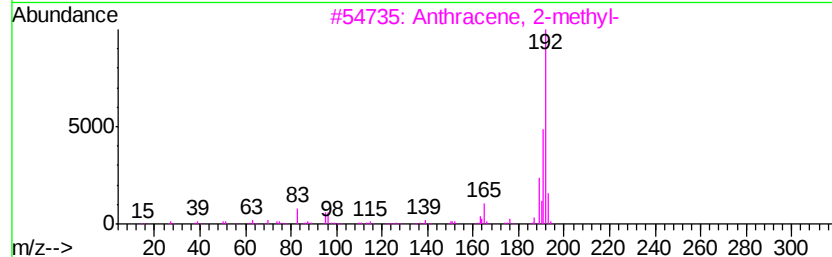
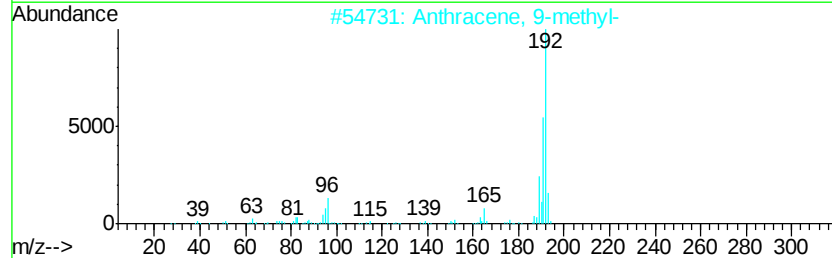
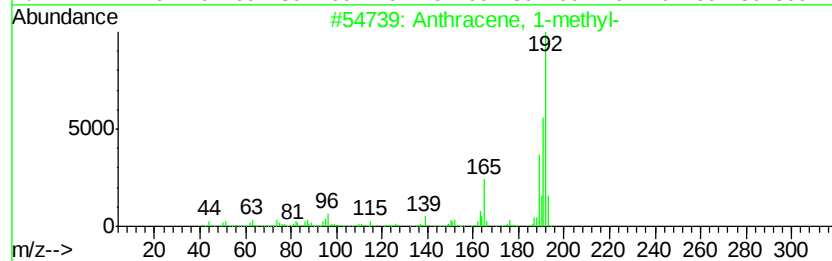
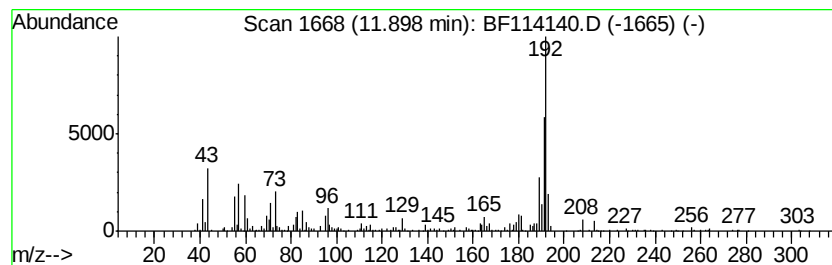
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.69 ng	326079	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
4			1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	86
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114140.D
Acq On : 11 May 2019 00:06
Operator : JU/SJ
Sample : K2761-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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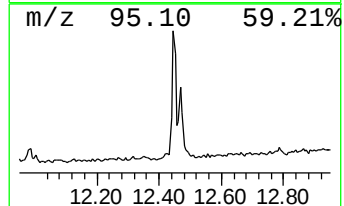
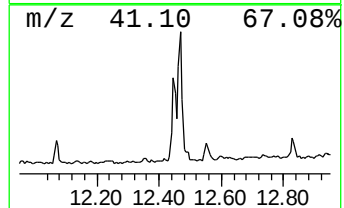
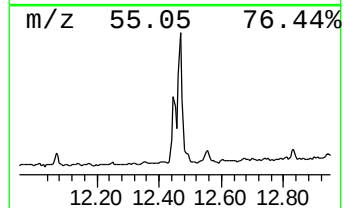
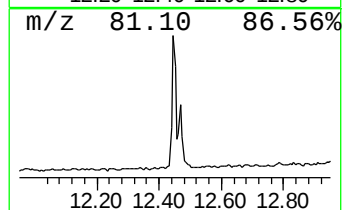
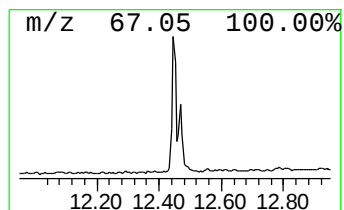
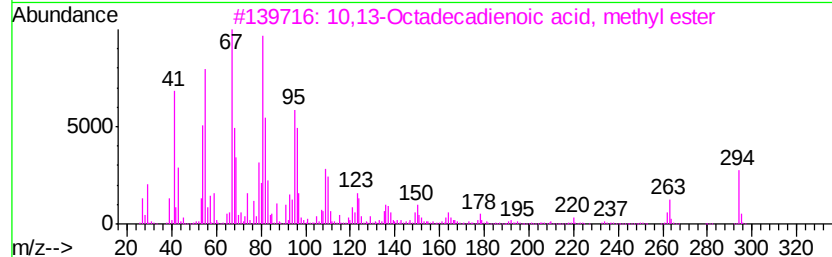
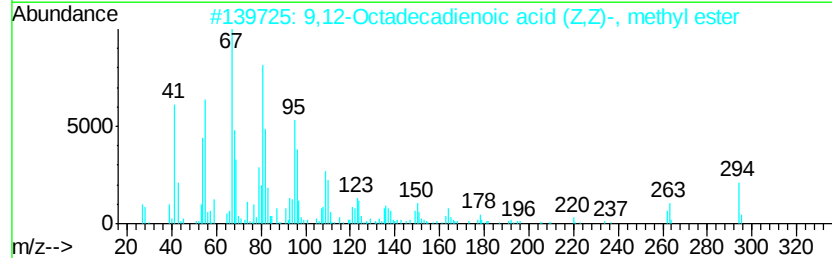
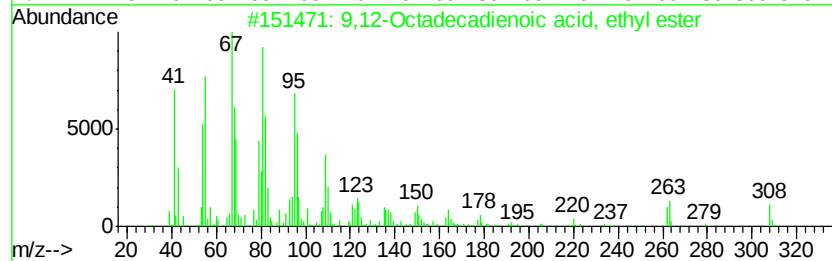
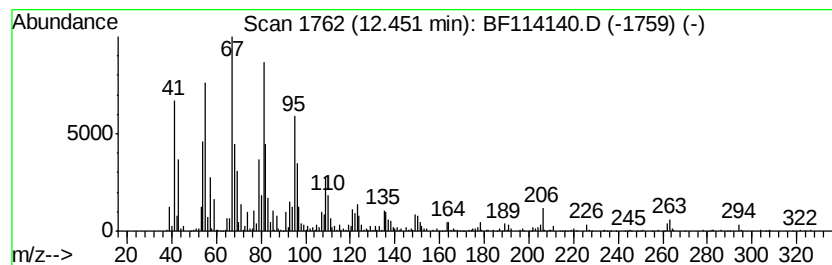
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	10.40 ng	1260980	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, ethyl...	308	C20H36O2	007619-08-1	99
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5		Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114140.D
Acq On : 11 May 2019 00:06
Operator : JU/SJ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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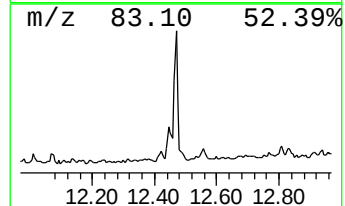
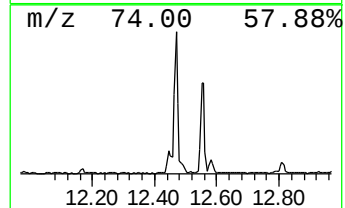
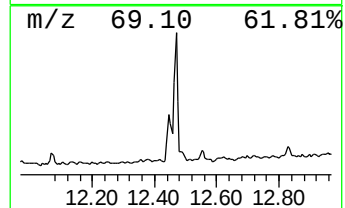
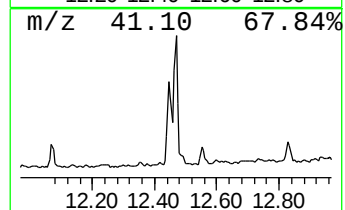
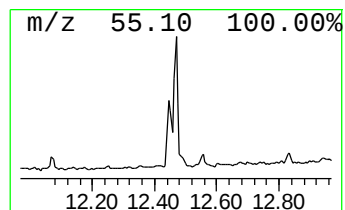
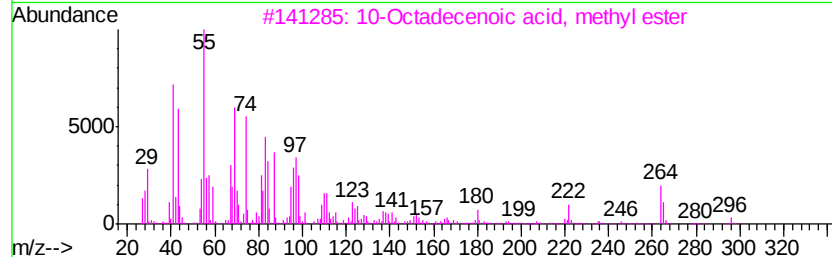
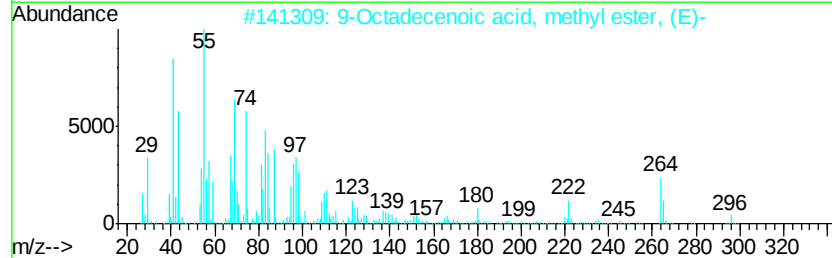
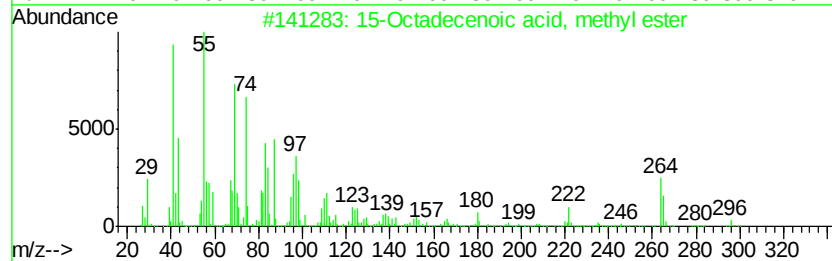
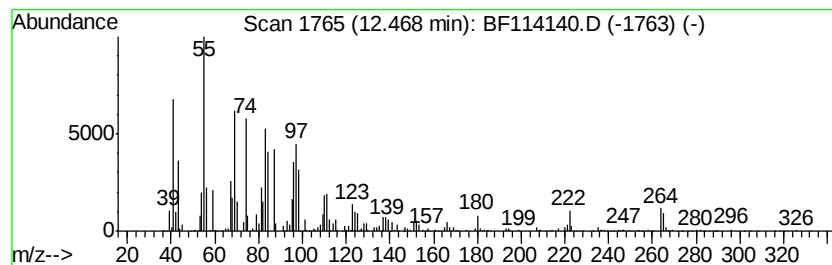
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 15-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	13.82 ng	1675630	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2		9-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-62-8	98
3		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	97
4		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	97
5		11-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-63-9	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114140.D
Acq On : 11 May 2019 00:06
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Sample : K2761-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

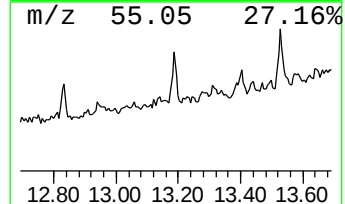
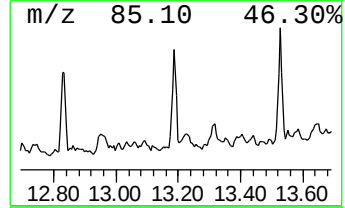
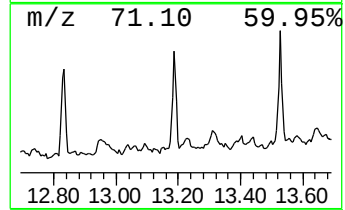
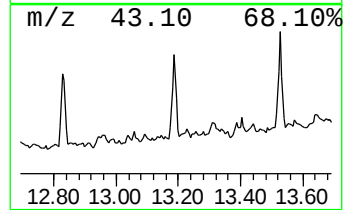
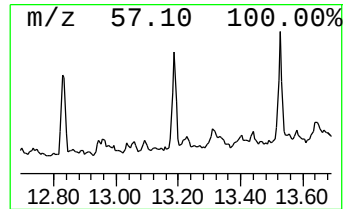
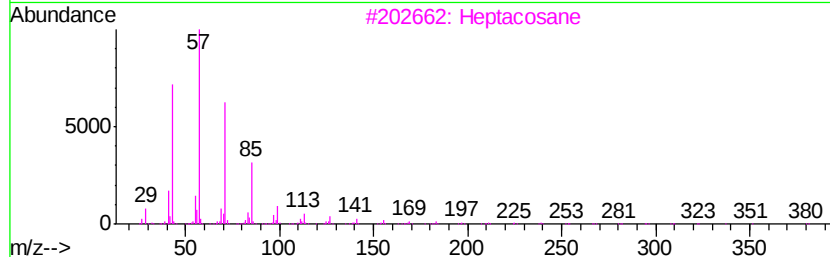
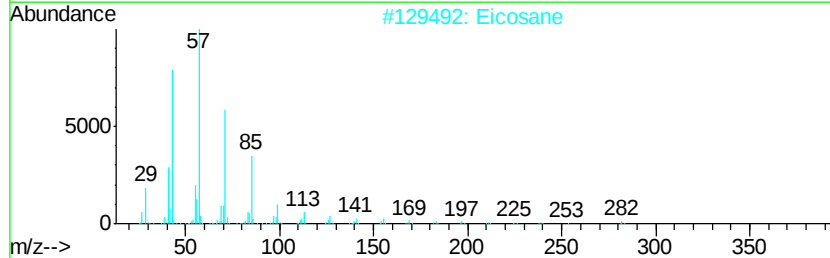
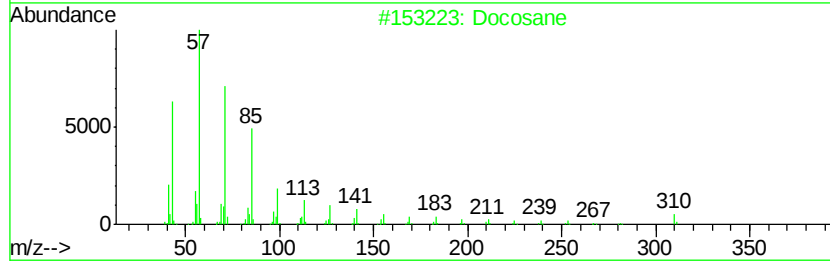
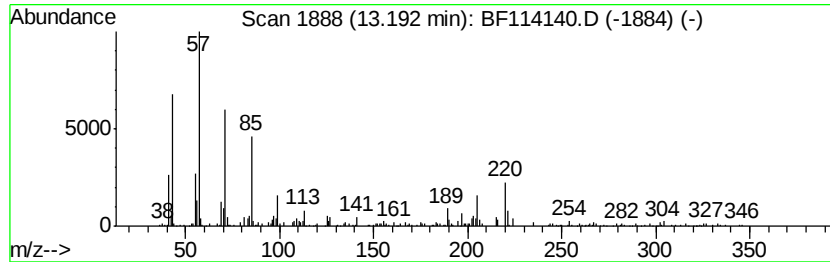
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ClientSampleId :
FK-SF-03-006-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Docosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	3.79 ng	358432	Chrysene-d12	14.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Docosane		310 C22H46	000629-97-0 90
2	Eicosane		282 C20H42	000112-95-8 90
3	Heptacosane		380 C27H56	000593-49-7 81
4	Tetracosane		338 C24H50	000646-31-1 74
5	Tricosane, 2-methyl-		338 C24H50	001928-30-9 72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114140.D
Acq On : 11 May 2019 00:06
Operator : JU/SJ
Sample : K2761-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

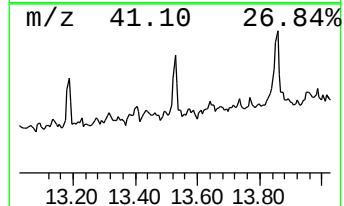
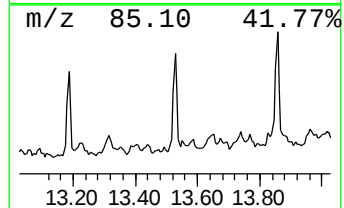
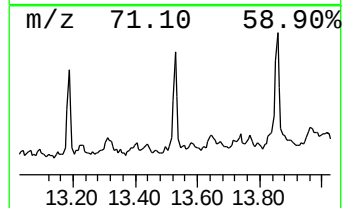
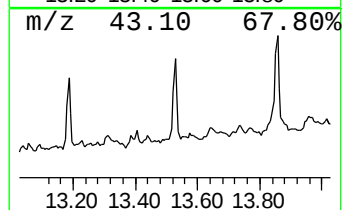
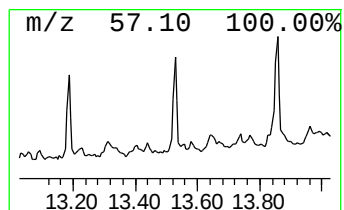
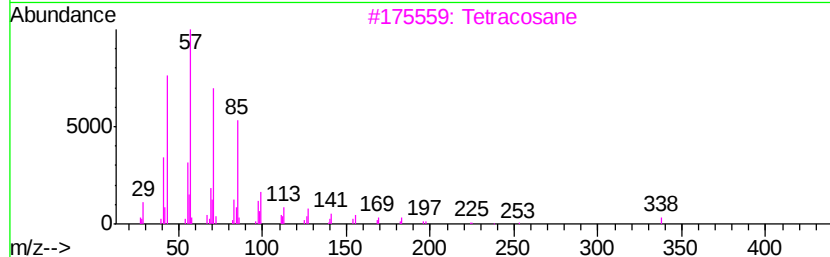
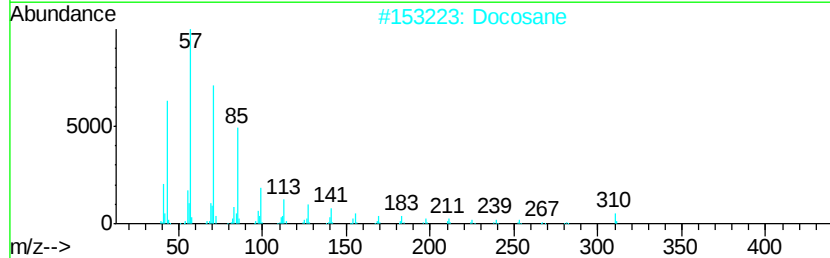
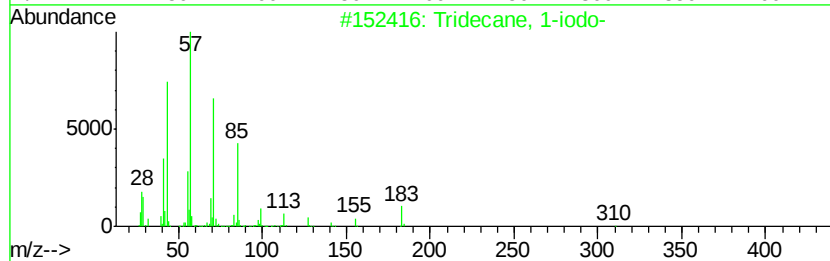
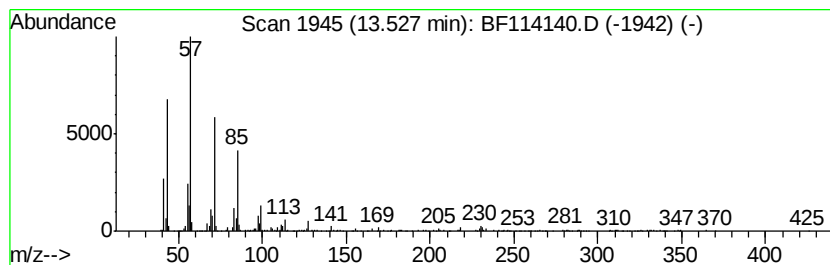
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	3.71 ng	350914	Chrysene-d12	14.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2			Docosane	310	C22H46	000629-97-0	90
3			Tetracosane	338	C24H50	000646-31-1	87
4			Nonadecane	268	C19H40	000629-92-5	87
5			Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114140.D
Acq On : 11 May 2019 00:06
Operator : JU/SJ
Sample : K2761-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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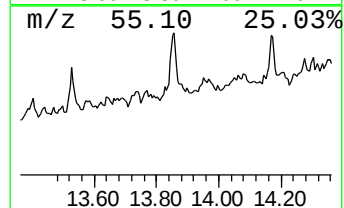
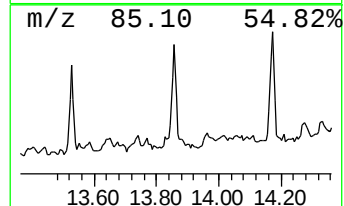
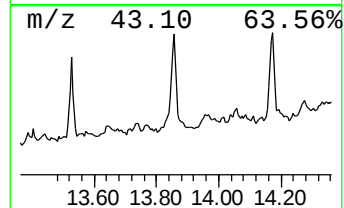
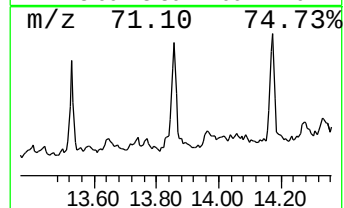
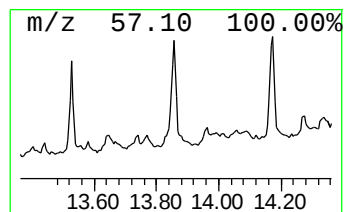
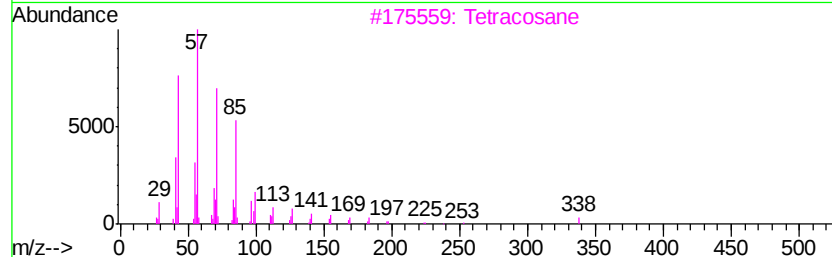
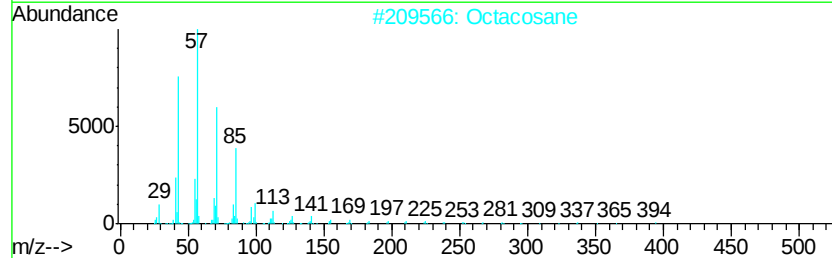
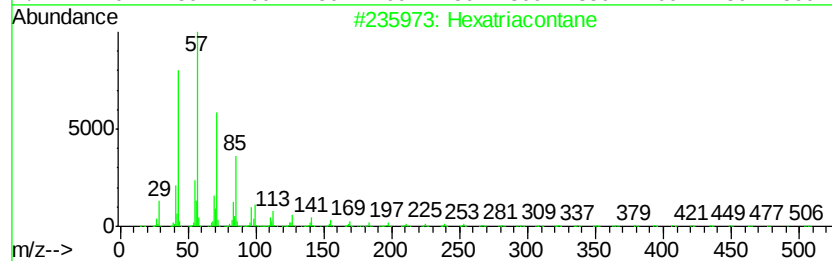
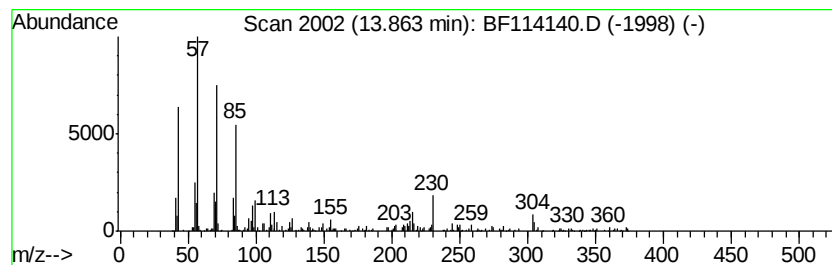
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexatriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	8.30 ng	785128	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexatriacontane	507	C36H74	000630-06-8	87
2		Octacosane	394	C28H58	000630-02-4	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114140.D
Acq On : 11 May 2019 00:06
Operator : JU/SJ
Sample : K2761-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

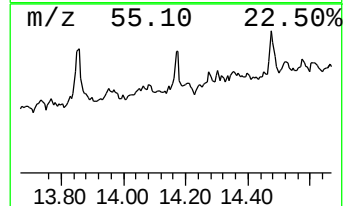
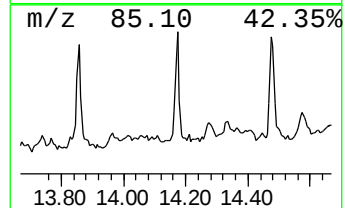
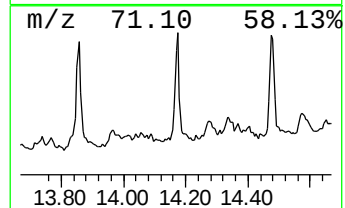
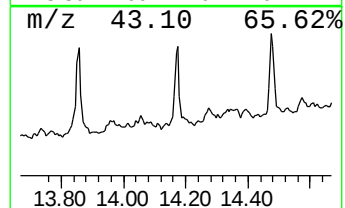
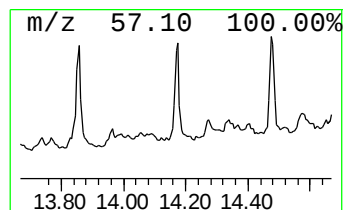
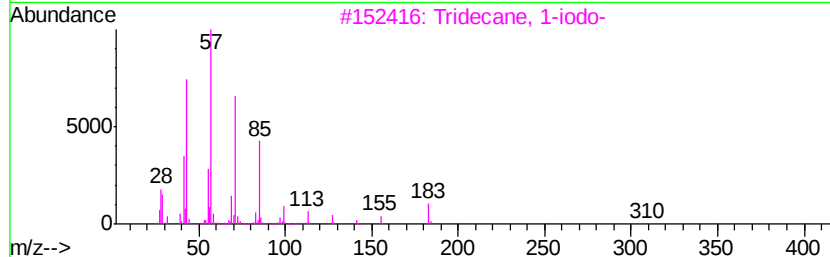
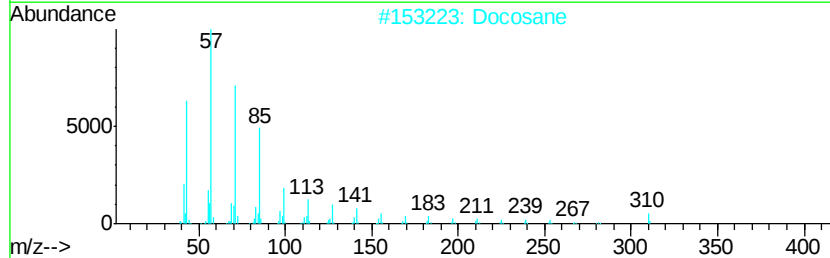
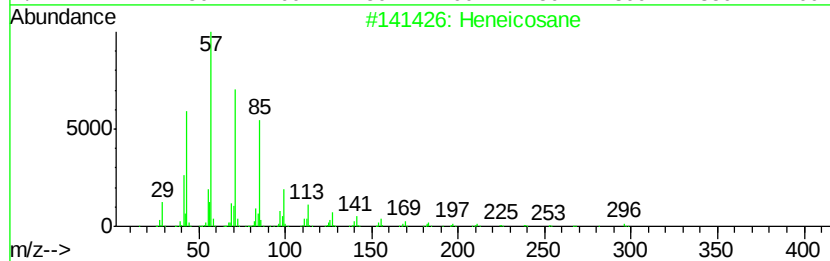
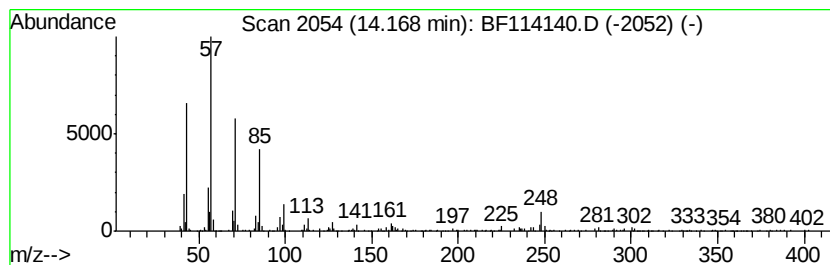
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.17	4.31 ng	407696	Chrysene-d12	14.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Docosane	310	C22H46	000629-97-0	93
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
5	Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114140.D
Acq On : 11 May 2019 00:06
Operator : JU/SJ
Sample : K2761-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

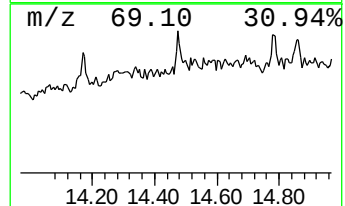
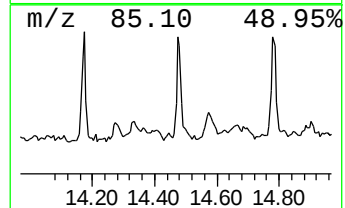
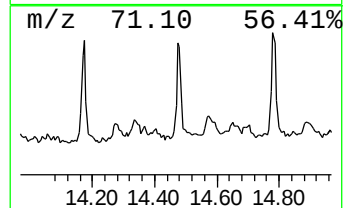
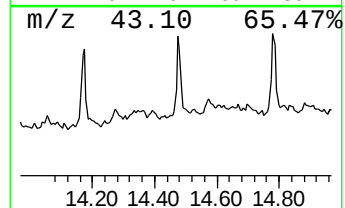
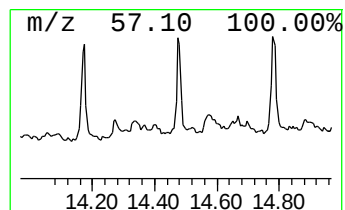
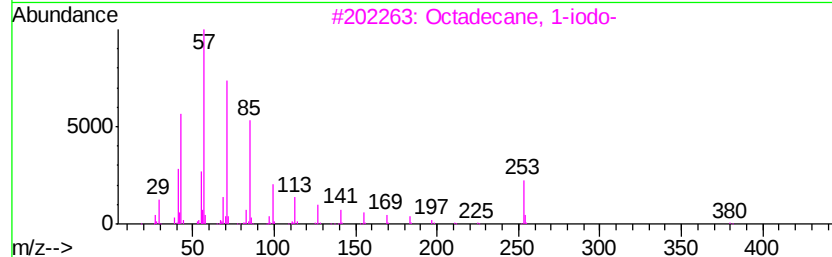
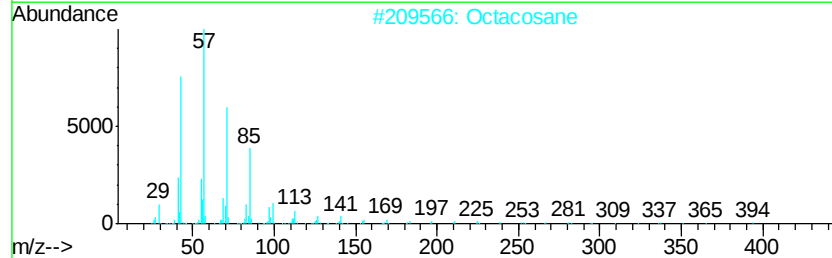
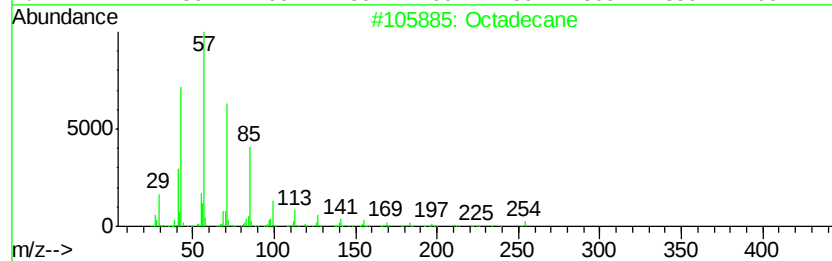
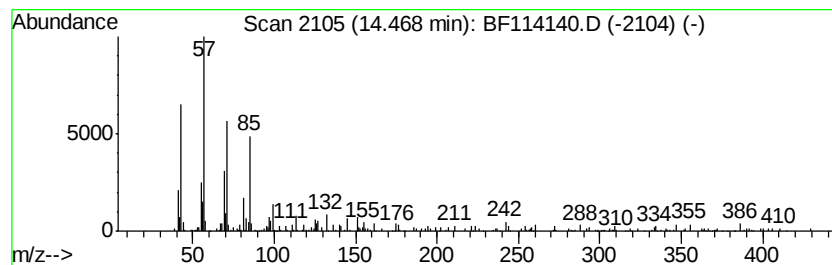
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	4.96 ng	469427	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		Octacosane	394	C28H58	000630-02-4	83
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
5		Pentadecane	212	C15H32	000629-62-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114140.D
Acq On : 11 May 2019 00:06
Operator : JU/SJ
Sample : K2761-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

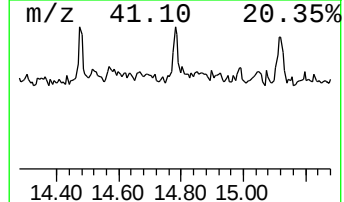
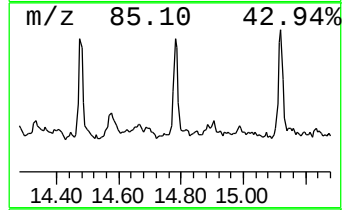
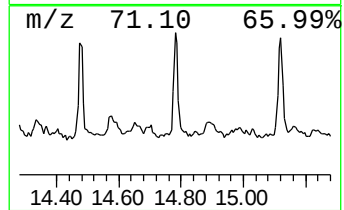
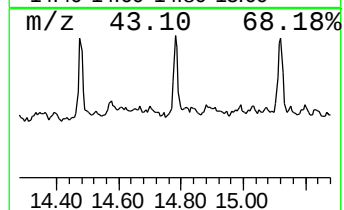
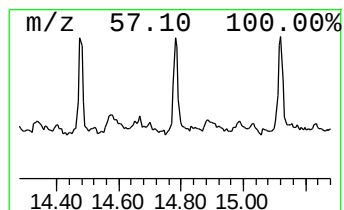
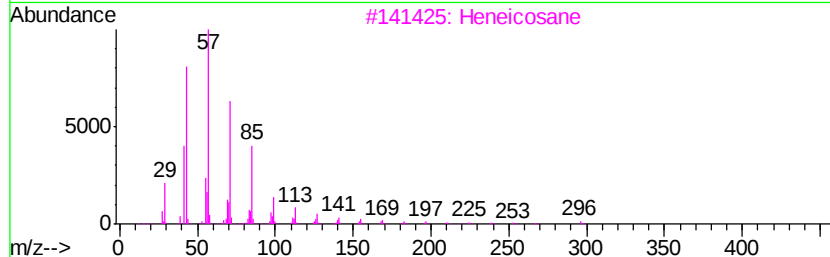
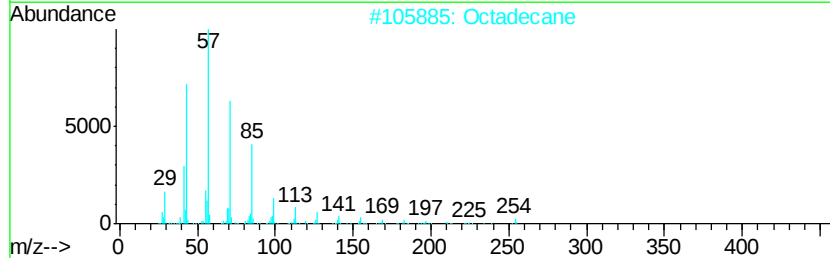
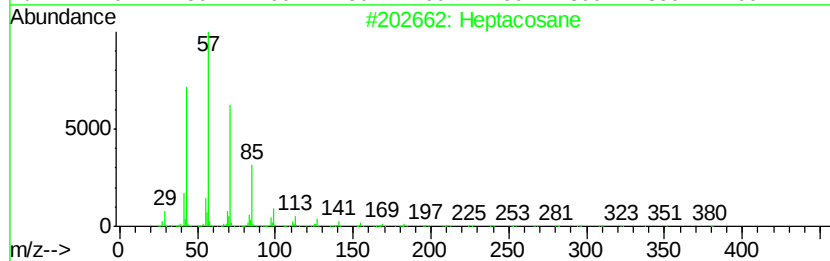
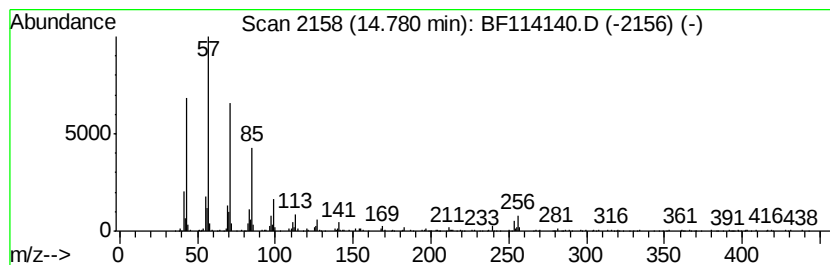
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	6.48 ng	397286	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	98
2		Octadecane	254	C18H38	000593-45-3	91
3		Heneicosane	296	C21H44	000629-94-7	87
4		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
 Data File : BF114140.D
 Acq On : 11 May 2019 00:06
 Operator : JU/SJ
 Sample : K2761-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-006-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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
Propane, 2-methyl...	5.05	4.4	ng	455904	1	6.85	2053740	20.0
unknown6.62	6.62	11.8	ng	1206580	1	6.85	2053740	20.0
Tridecane	8.73	3.4	ng	486990	2	8.13	2849740	20.0
Tetradecane	9.29	5.1	ng	615049	3	9.89	2400500	20.0
Pentadecane	9.82	3.9	ng	465451	3	9.89	2400500	20.0
Hexadecane	10.32	3.4	ng	411235	3	9.89	2400500	20.0
Bacchotricuneatin c	10.79	5.3	ng	645112	4	11.37	2424900	20.0
Eicosane	11.24	2.6	ng	314210	4	11.37	2424900	20.0
Dibenzothiophene	11.27	2.6	ng	316298	4	11.37	2424900	20.0
Hexadecanoic acid...	11.76	3.7	ng	445106	4	11.37	2424900	20.0
Anthracene, 1-met...	11.90	2.7	ng	326079	4	11.37	2424900	20.0
9,12-Octadecadien...	12.45	10.4	ng	1260980	4	11.37	2424900	20.0
15-Octadecenoic a...	12.47	13.8	ng	1675630	4	11.37	2424900	20.0
Docosane	13.19	3.8	ng	358432	5	14.01	1891300	20.0
Tridecane, 1-iodo-	13.53	3.7	ng	350914	5	14.01	1891300	20.0
Hexatriacontane	13.86	8.3	ng	785128	5	14.01	1891300	20.0
Heneicosane	14.17	4.3	ng	407696	5	14.01	1891300	20.0
Octadecane	14.47	5.0	ng	469427	5	14.01	1891300	20.0
Heptacosane	14.78	6.5	ng	397286	6	15.47	1225680	20.0