

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099964.D
 Acq On : 30 Oct 2017 17:19
 Operator : SJ/JU
 Sample : I6196-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-102717

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:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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	4.998	492	495	506	rBV	18282	32144	4.51%	0.287%
2	5.416	563	566	586	rBV	127384	244437	34.32%	2.182%
3	6.434	737	739	756	rBV	183371	295412	41.48%	2.638%
4	6.563	758	761	767	rVV	314859	314801	44.20%	2.811%
5	6.787	796	799	810	rBV	489995	450705	63.28%	4.024%
6	6.939	822	825	835	rBV	234982	223649	31.40%	1.997%
7	7.357	893	896	906	rBV	139475	188481	26.46%	1.683%
8	8.039	1009	1012	1014	rBV	36760	28333	3.98%	0.253%
9	8.069	1014	1017	1023	rBV	771453	636213	89.33%	5.680%
10	8.351	1062	1065	1070	rVB4	12632	15584	2.19%	0.139%
11	8.569	1098	1102	1105	rBV	23064	20742	2.91%	0.185%
12	8.645	1110	1115	1119	rBV2	56508	56657	7.96%	0.506%
13	8.728	1127	1129	1135	rVB5	14214	19646	2.76%	0.175%
14	8.786	1135	1139	1145	rBV	38371	39379	5.53%	0.352%
15	8.886	1152	1156	1161	rBV	58468	57093	8.02%	0.510%
16	9.010	1173	1177	1180	rBV3	19524	19313	2.71%	0.172%
17	9.075	1186	1188	1191	rBV2	19267	14565	2.05%	0.130%
18	9.139	1196	1199	1204	rVV	488727	376011	52.80%	3.357%
19	9.210	1208	1211	1214	rBV	80462	63722	8.95%	0.569%
20	9.292	1222	1225	1227	rVB	17897	16384	2.30%	0.146%
21	9.416	1241	1246	1249	rBV2	22578	30827	4.33%	0.275%
22	9.486	1253	1258	1261	rVV2	41929	50553	7.10%	0.451%
23	9.539	1264	1267	1274	rVB	79295	105774	14.85%	0.944%
24	9.598	1274	1277	1280	rBV3	24736	30659	4.30%	0.274%
25	9.686	1288	1292	1296	rBV2	32104	36538	5.13%	0.326%
26	9.739	1299	1301	1305	rVV	91963	76803	10.78%	0.686%
27	9.781	1305	1308	1310	rVV3	13015	17061	2.40%	0.152%
28	9.822	1312	1315	1319	rVV	769552	712206	100.00%	6.359%
29	9.857	1319	1321	1325	rVV	62359	66178	9.29%	0.591%
30	9.933	1329	1334	1337	rVB5	10561	17781	2.50%	0.159%
31	9.975	1337	1341	1344	rBV3	14129	20306	2.85%	0.181%
32	10.033	1347	1351	1354	rVV2	41058	45213	6.35%	0.404%
33	10.069	1354	1357	1360	rVB3	32763	36206	5.08%	0.323%
34	10.145	1365	1370	1372	rBV3	29212	35944	5.05%	0.321%

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35	10.175	1372	1375	1381	rVB2	19136	24685	3.47%	0.220%
36	10.239	1381	1386	1390	rBV2	110072	118151	16.59%	1.055%
37	10.375	1406	1409	1416	rVV	70962	89337	12.54%	0.798%
38	10.463	1416	1424	1426	rVV2	46193	71709	10.07%	0.640%
39	10.486	1426	1428	1430	rVV2	16253	15032	2.11%	0.134%
40	10.516	1430	1433	1435	rVV3	18188	19287	2.71%	0.172%
41	10.539	1435	1437	1442	rVV2	48806	50298	7.06%	0.449%
42	10.580	1442	1444	1447	rVV2	17907	15505	2.18%	0.138%
43	10.622	1447	1451	1460	rVV2	187730	218715	30.71%	1.953%
44	10.716	1464	1467	1476	rVB	124485	149774	21.03%	1.337%
45	10.927	1496	1503	1505	rBV2	34598	55603	7.81%	0.496%
46	10.957	1505	1508	1513	rVV2	24219	31178	4.38%	0.278%
47	11.004	1513	1516	1519	rVB2	23382	27793	3.90%	0.248%
48	11.039	1519	1522	1523	rBV2	14517	14439	2.03%	0.129%
49	11.163	1540	1543	1546	rVV	109417	92510	12.99%	0.826%
50	11.192	1546	1548	1550	rVV	41235	36203	5.08%	0.323%
51	11.216	1550	1552	1556	rVB	32565	28731	4.03%	0.257%
52	11.316	1566	1569	1572	rBV	709146	695781	97.69%	6.212%
53	11.345	1572	1574	1579	rVV	333147	295276	41.46%	2.636%
54	11.398	1581	1583	1587	rVV	65628	65845	9.25%	0.588%
55	11.433	1587	1589	1591	rVV3	20538	17331	2.43%	0.155%
56	11.480	1594	1597	1600	rVB4	13773	16770	2.35%	0.150%
57	11.545	1606	1608	1610	rBV3	13250	15384	2.16%	0.137%
58	11.592	1613	1616	1619	rVV	99213	85296	11.98%	0.762%
59	11.651	1622	1626	1630	rBV	30816	37939	5.33%	0.339%
60	11.692	1630	1633	1637	rVB	135745	122299	17.17%	1.092%
61	11.739	1637	1641	1645	rBV2	21973	44394	6.23%	0.396%
62	11.822	1652	1655	1658	rBV	110810	102617	14.41%	0.916%
63	11.851	1658	1660	1664	rVV	121598	99613	13.99%	0.889%
64	11.904	1667	1669	1671	rVV	35204	29108	4.09%	0.260%
65	11.933	1671	1674	1677	rVV2	112095	125165	17.57%	1.118%
66	11.957	1677	1678	1682	rVB	62647	48687	6.84%	0.435%
67	11.998	1682	1685	1688	rBV	92046	65664	9.22%	0.586%
68	12.057	1692	1695	1699	rVB4	14600	15184	2.13%	0.136%
69	12.116	1702	1705	1708	rBV	37732	32750	4.60%	0.292%
70	12.245	1725	1727	1729	rVV2	20525	18979	2.66%	0.169%
71	12.269	1729	1731	1734	rVV2	25542	31984	4.49%	0.286%

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72	12.298	1734	1736	1739	rVV	47728	41652	5.85%	0.372%
73	12.327	1739	1741	1743	rVB	28748	19694	2.77%	0.176%
74	12.380	1746	1750	1752	rBV3	563431	595438	83.60%	5.316%
75	12.404	1752	1754	1758	rVV3	340449	321679	45.17%	2.872%
76	12.463	1761	1764	1766	rBV2	28715	38232	5.37%	0.341%
77	12.486	1766	1768	1773	rVB3	72837	71346	10.02%	0.637%
78	12.539	1773	1777	1781	rBV	204118	198318	27.85%	1.771%
79	12.580	1781	1784	1786	rBV2	14372	13720	1.93%	0.122%
80	12.639	1792	1794	1796	rVB2	20362	16769	2.35%	0.150%
81	12.692	1800	1803	1805	rBV2	27619	32361	4.54%	0.289%
82	12.769	1811	1816	1822	rBV2	238360	314053	44.10%	2.804%
83	12.821	1822	1825	1828	rBV	40992	39449	5.54%	0.352%
84	12.874	1831	1834	1836	rBV3	21279	24394	3.43%	0.218%
85	12.898	1836	1838	1842	rVV	325173	296650	41.65%	2.649%
86	13.074	1866	1868	1869	rBV2	23299	20995	2.95%	0.187%
87	13.116	1874	1875	1878	rVB	84189	54632	7.67%	0.488%
88	13.163	1881	1883	1887	rVB	28199	28454	4.00%	0.254%
89	13.210	1888	1891	1894	rVV	40740	43287	6.08%	0.386%
90	13.298	1904	1906	1908	rBV	35843	25788	3.62%	0.230%
91	13.333	1909	1912	1914	rVB	41773	39417	5.53%	0.352%
92	13.463	1931	1934	1938	rVB2	83080	73978	10.39%	0.661%
93	13.704	1973	1975	1977	rBV3	20547	19678	2.76%	0.176%
94	13.792	1987	1990	1995	rVB3	101765	107027	15.03%	0.956%
95	13.974	2017	2021	2025	rBV2	503635	573985	80.59%	5.125%
96	14.110	2041	2044	2048	rVB	82336	75688	10.63%	0.676%
97	14.427	2095	2098	2100	rVB	70236	64528	9.06%	0.576%
98	14.733	2147	2150	2153	rBV	92558	83196	11.68%	0.743%
99	15.468	2271	2275	2286	rVB	327233	454107	63.76%	4.055%
100	15.857	2338	2341	2346	rVB3	70430	91157	12.80%	0.814%

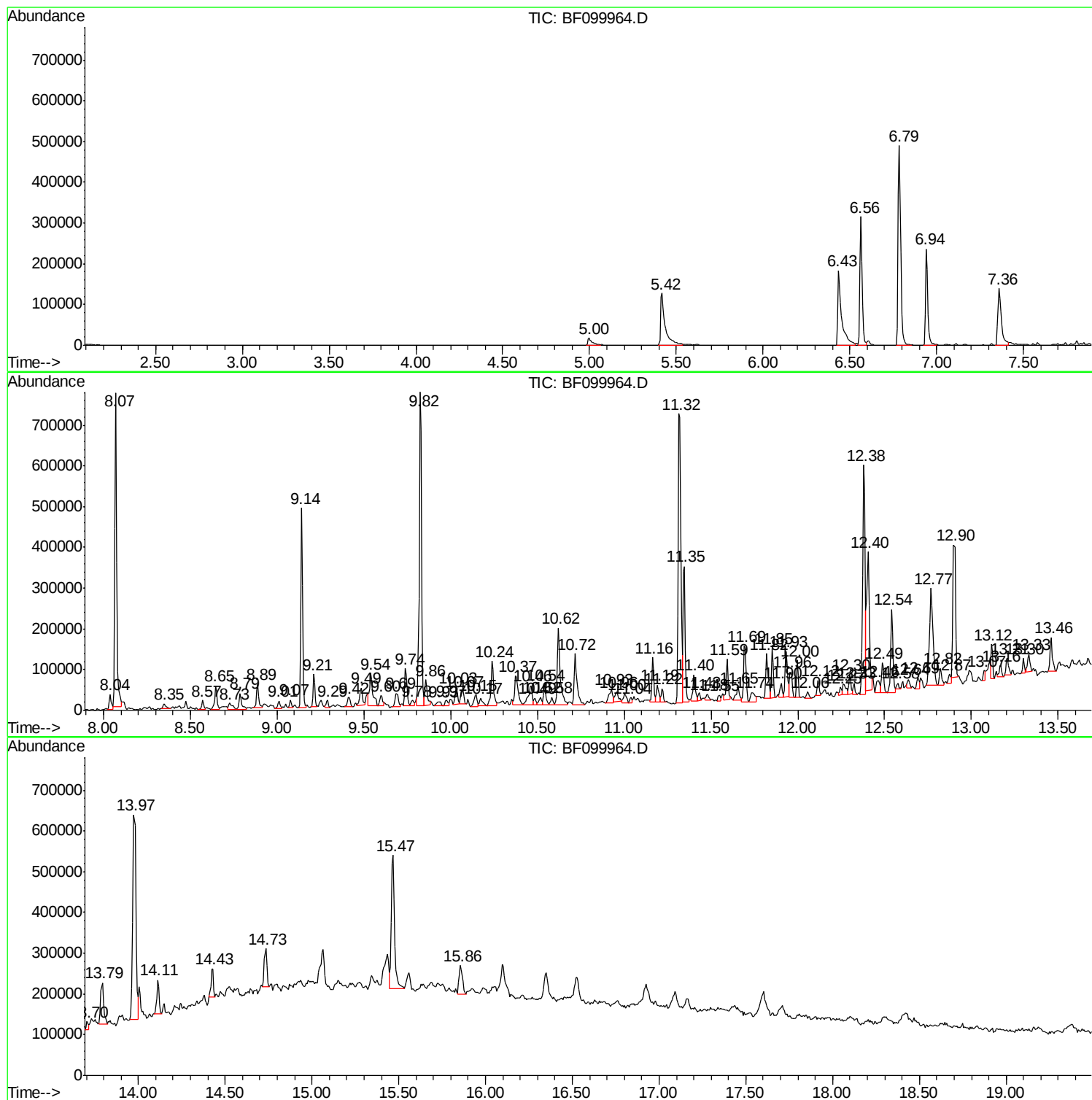
Sum of corrected areas: 11200008

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.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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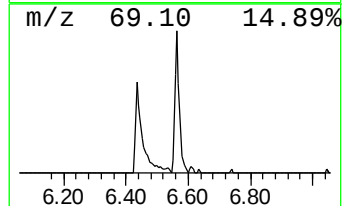
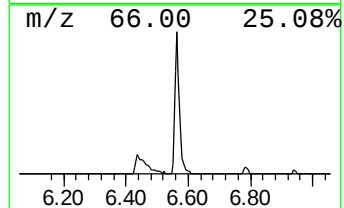
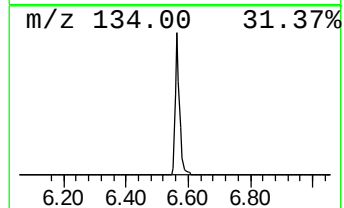
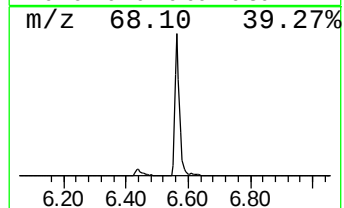
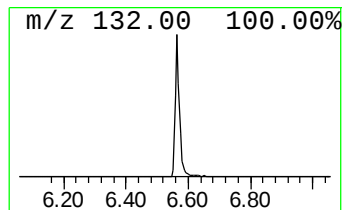
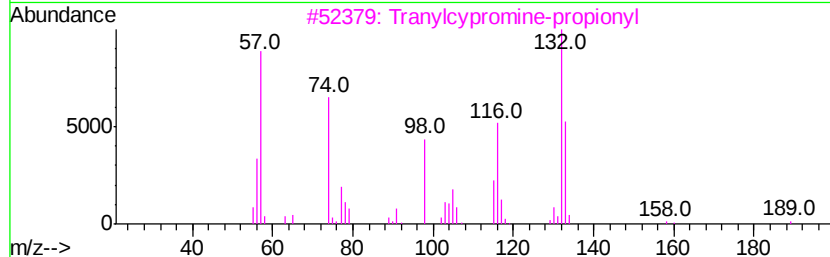
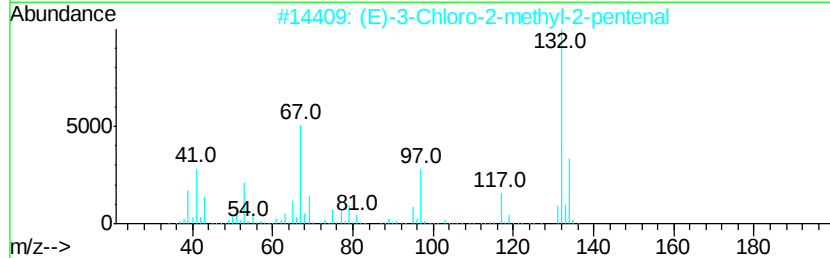
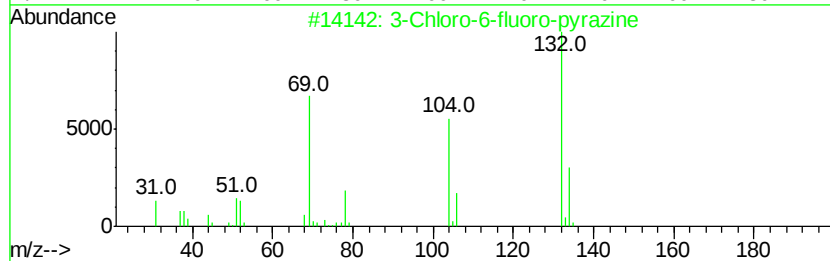
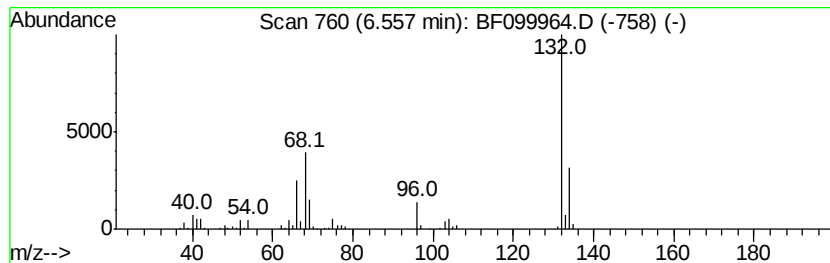
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	13.97 ng	314801	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Amphetaminil	250	C17H18N2	017590-01-1	12
5		1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10



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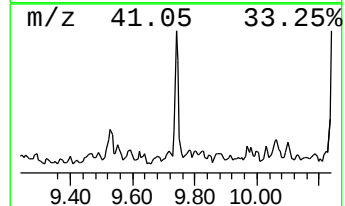
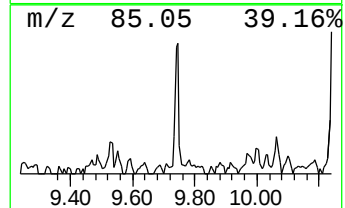
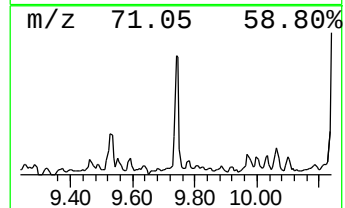
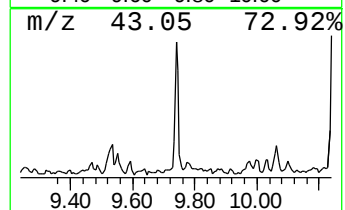
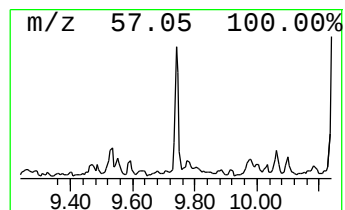
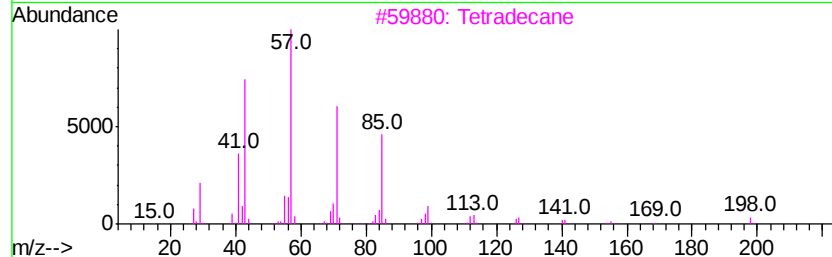
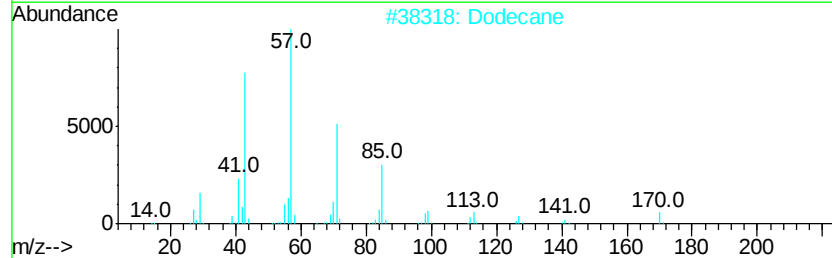
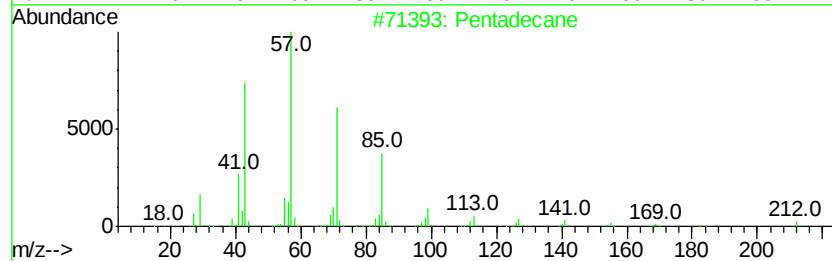
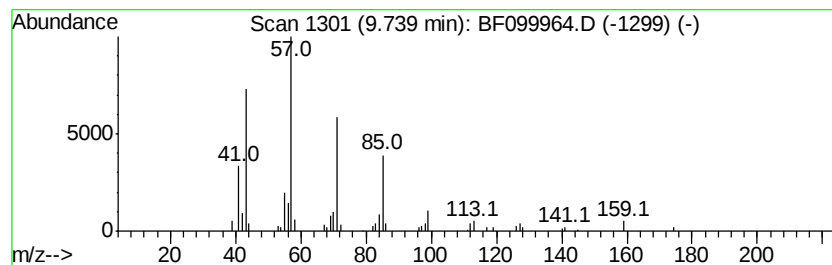
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	2.16 ng	76803	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	86
2		Dodecane	170	C12H26	000112-40-3	86
3		Tetradecane	198	C14H30	000629-59-4	86
4		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	86
5		Tridecane	184	C13H28	000629-50-5	86



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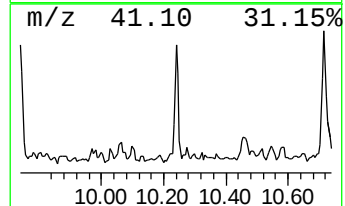
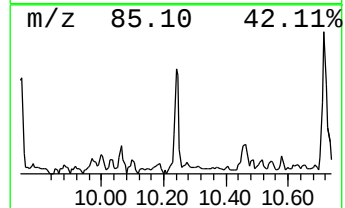
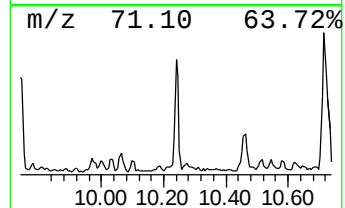
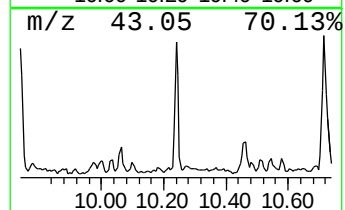
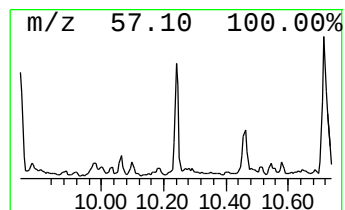
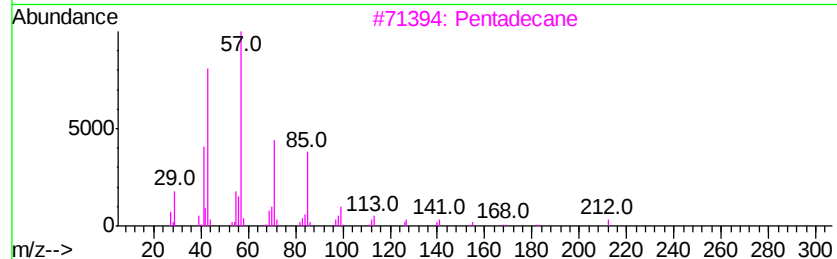
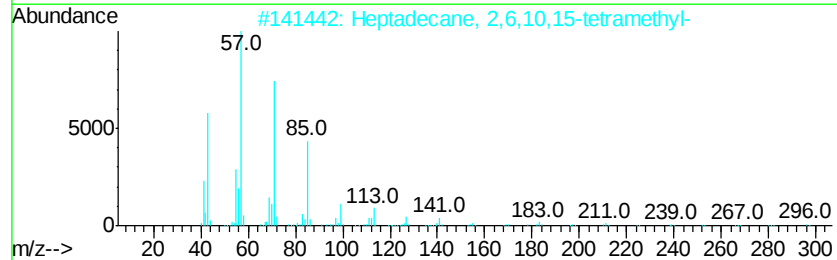
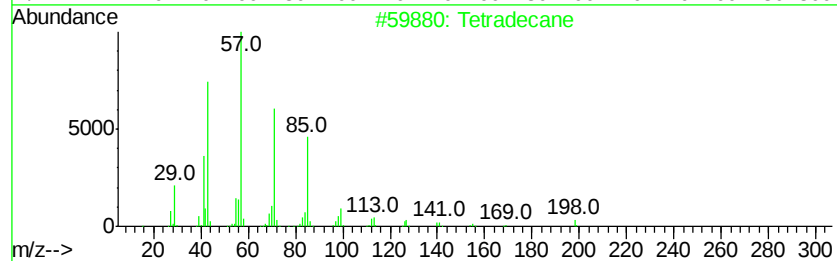
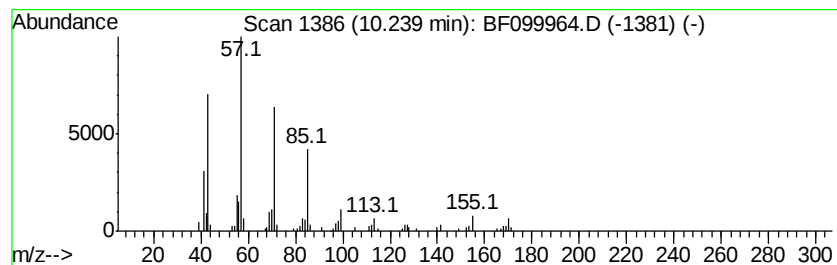
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Peak Number 4 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	3.32 ng	118151	Acenaphthene-d10	9.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 87
2		Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6 87
3		Pentadecane	212 C15H32	000629-62-9 86
4		Hexadecane	226 C16H34	000544-76-3 86
5		Heptacosane	380 C27H56	000593-49-7 86



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Operator : SJ/JU
Sample : I6196-01 5X
Misc :
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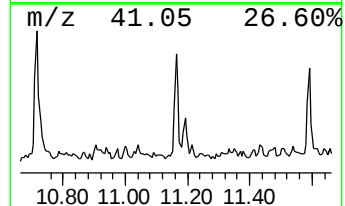
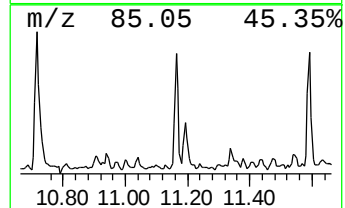
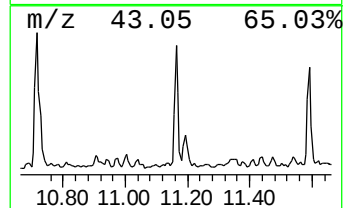
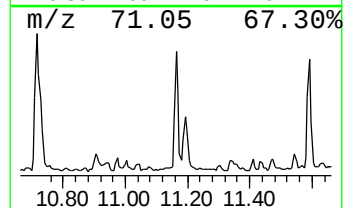
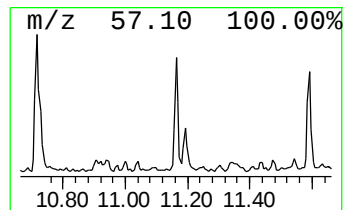
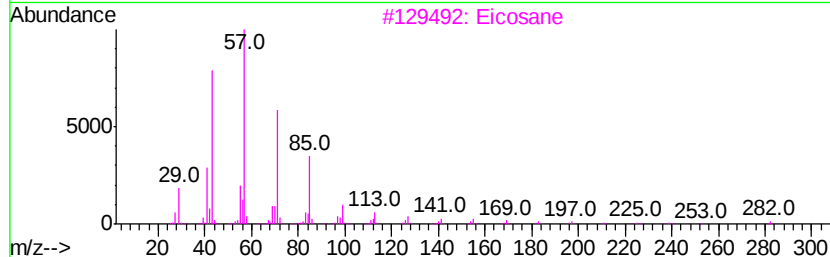
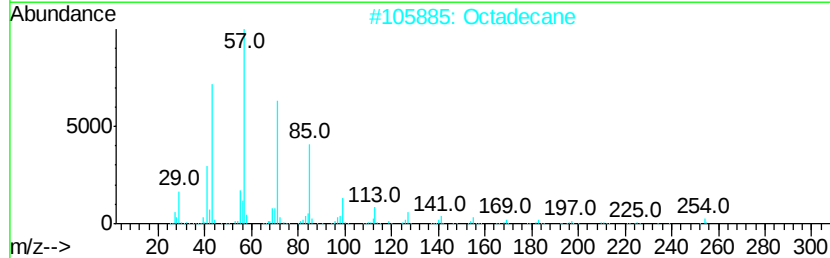
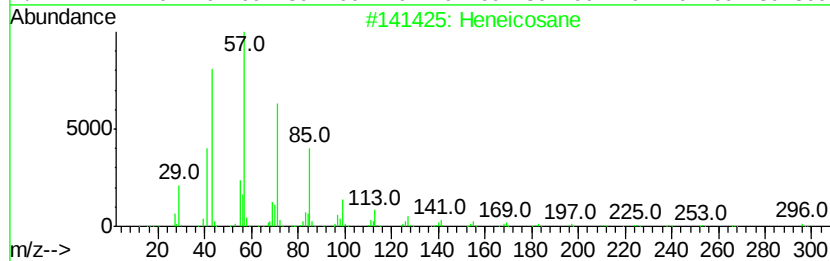
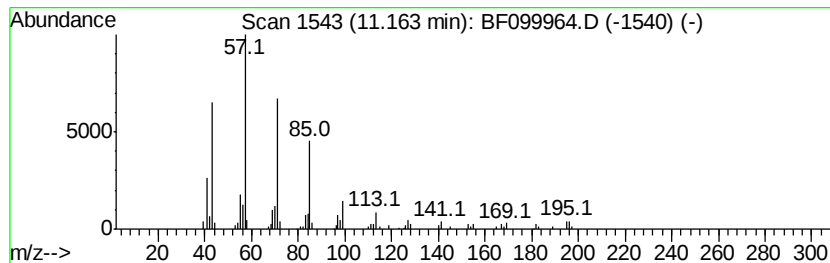
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ClientSampleId :
OK-03-102717

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.16	2.66 ng	92510	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Octadecane	254	C18H38	000593-45-3	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Pentadecane	212	C15H32	000629-62-9	87
5	Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103017\
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Operator : SJ/JU
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ClientSampleId :
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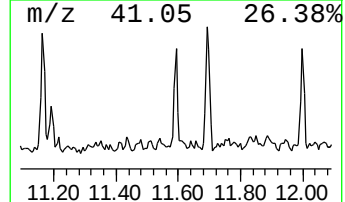
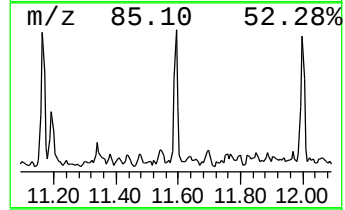
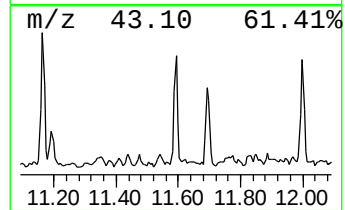
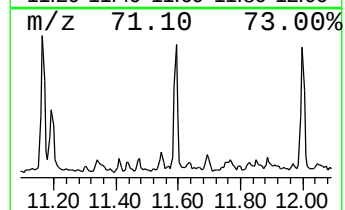
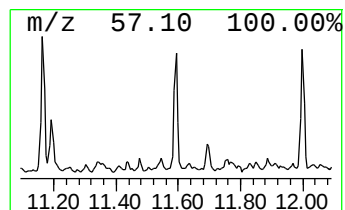
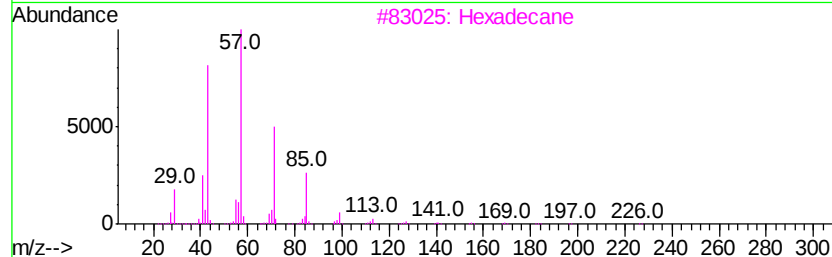
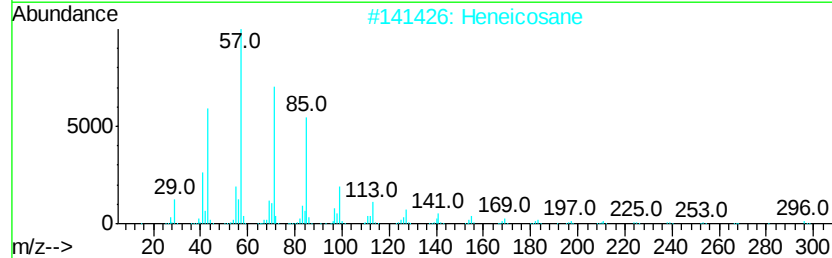
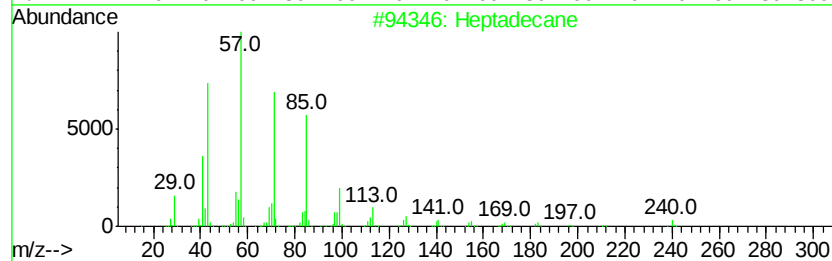
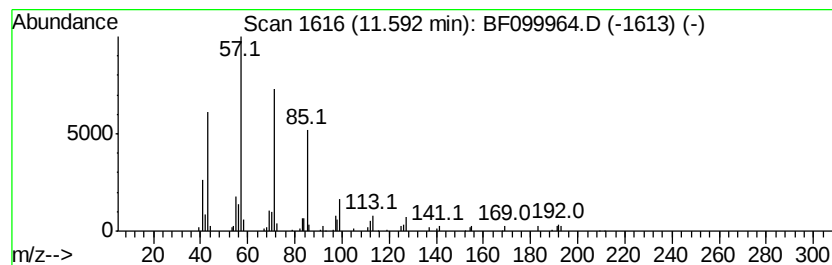
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	2.45 ng	85296	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Heneicosane		296	C21H44	000629-94-7	90
3	Hexadecane		226	C16H34	000544-76-3	90
4	Octadecane		254	C18H38	000593-45-3	90
5	Tetradecane		198	C14H30	000629-59-4	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103017\
Data File : BF099964.D
Acq On : 30 Oct 2017 17:19
Operator : SJ/JU
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Misc :
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Instrument :
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ClientSampleId :
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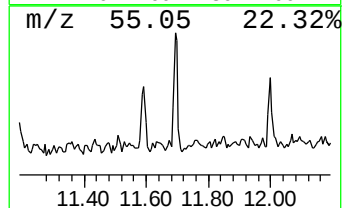
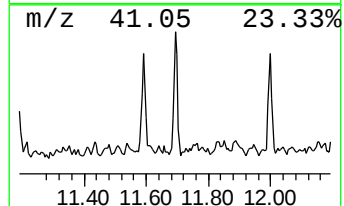
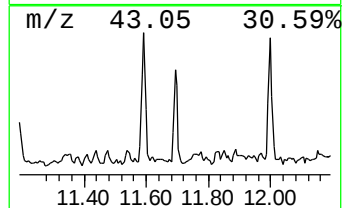
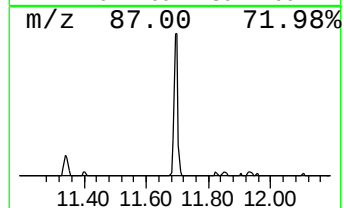
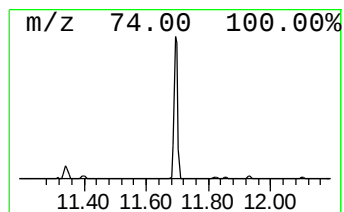
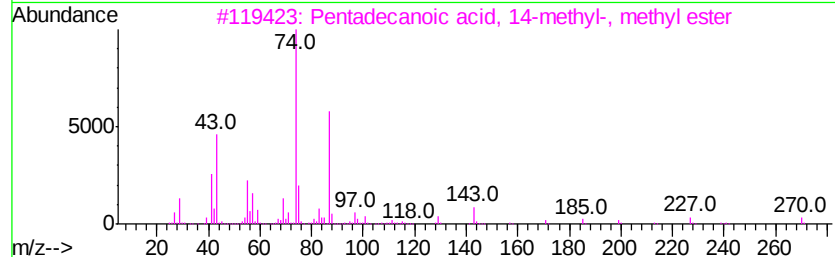
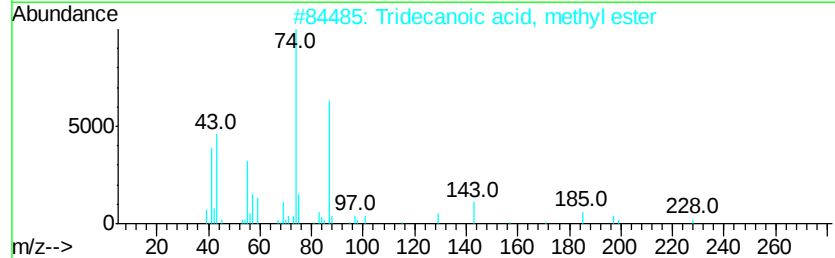
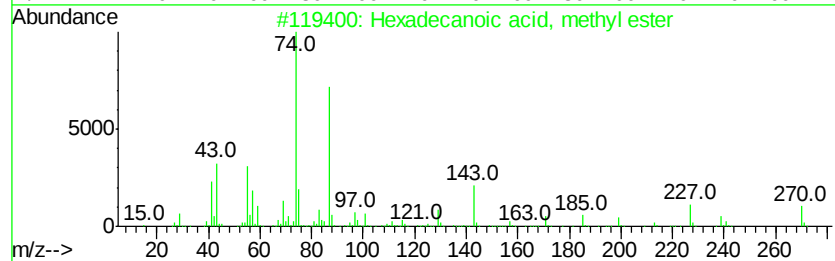
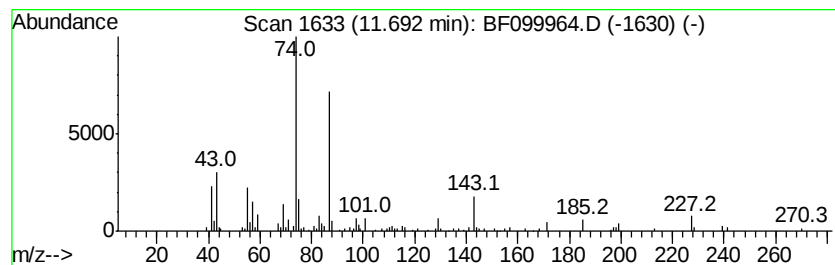
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	3.52 ng	122299	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
4			Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	86
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103017\
Data File : BF099964.D
Acq On : 30 Oct 2017 17:19
Operator : SJ/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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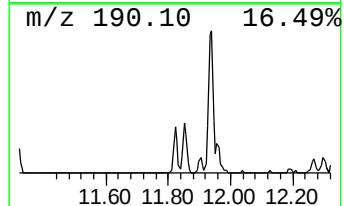
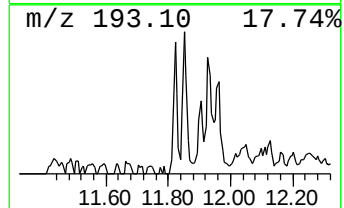
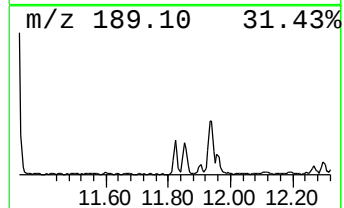
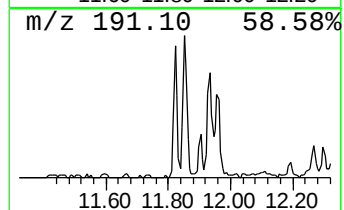
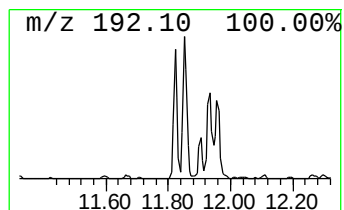
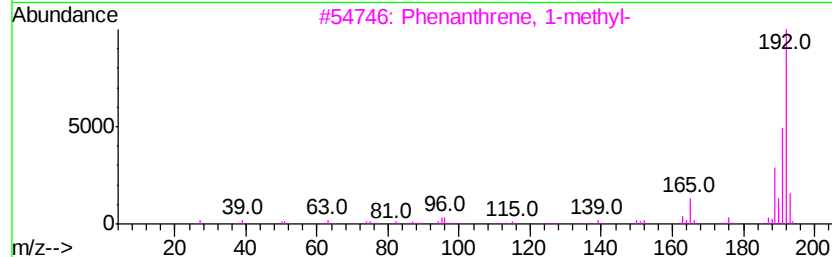
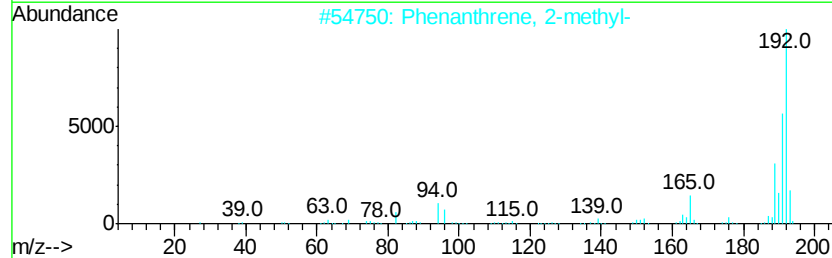
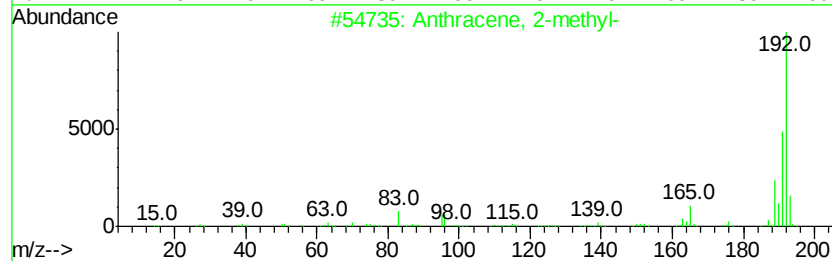
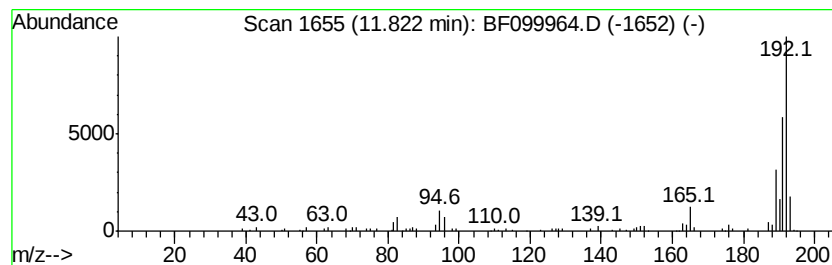
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.95 ng	102617	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103017\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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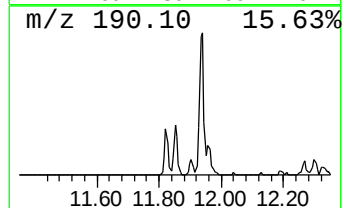
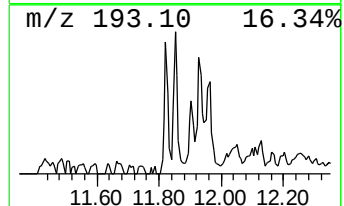
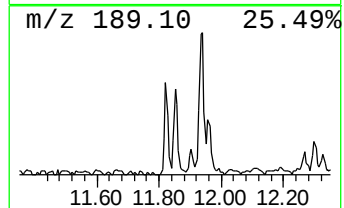
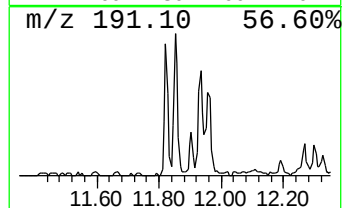
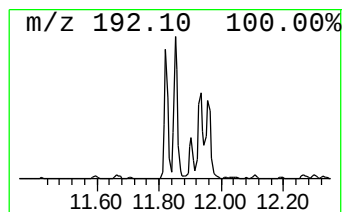
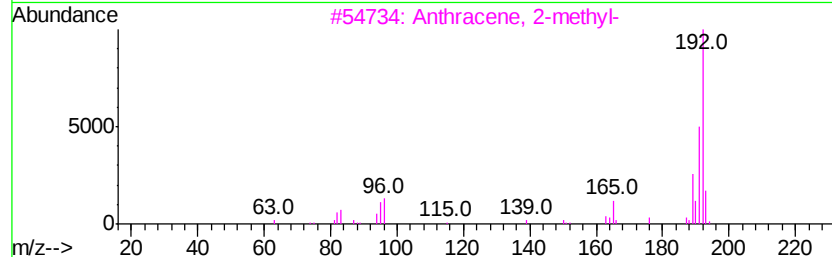
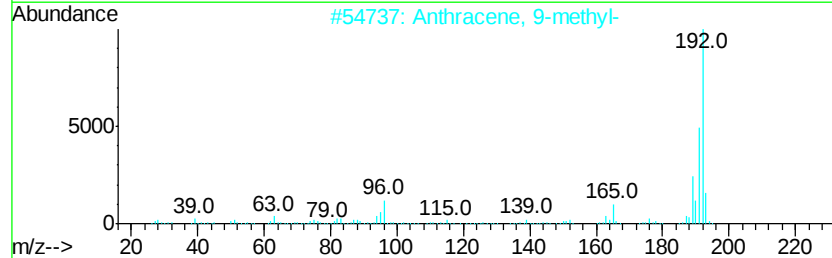
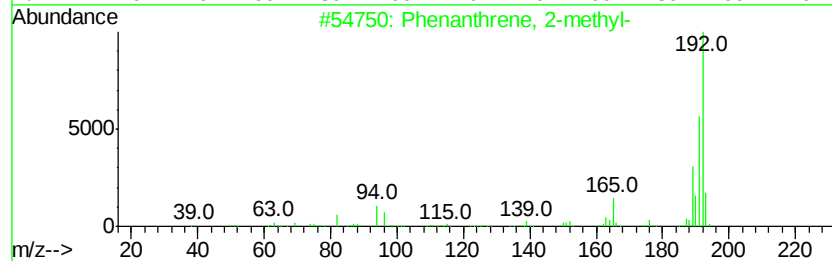
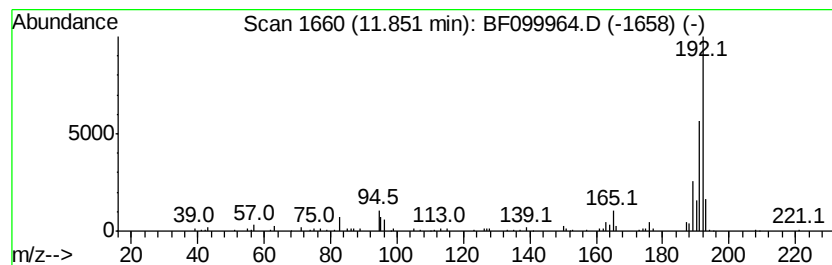
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.86 ng	99613	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4			1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
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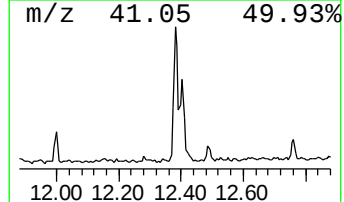
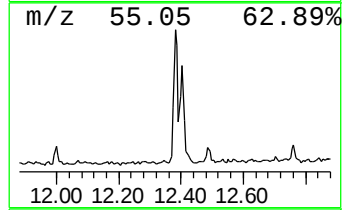
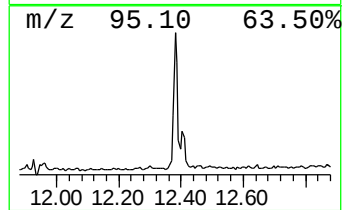
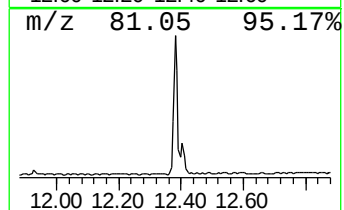
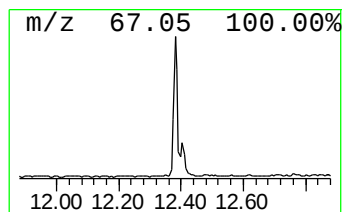
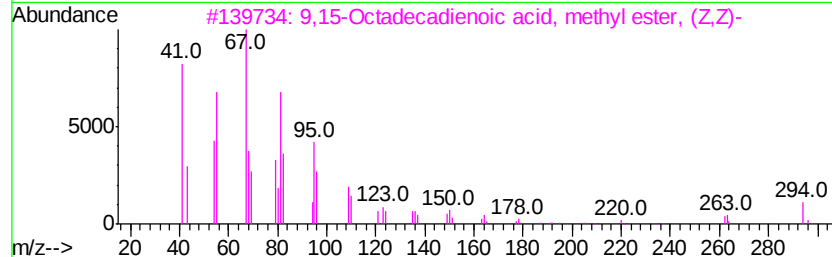
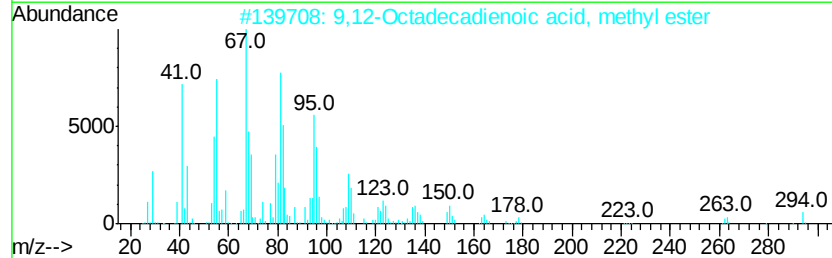
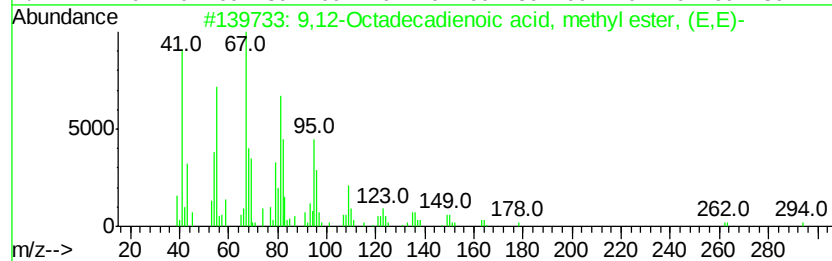
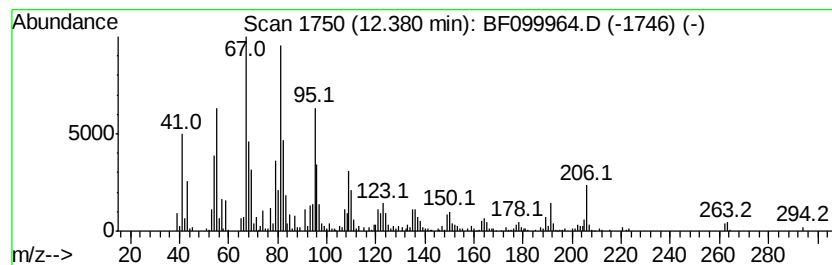
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.38	17.12 ng	595438	Phenanthrene-d10	11.32		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methv...	294	C19H34O2	002566-97-4	99	
2	9,12-Octadecadienoic acid, methv...	294	C19H34O2	002462-85-3	99	
3	9,15-Octadecadienoic acid, methv...	294	C19H34O2	017309-05-6	99	
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99	
5	12,15-Octadecadienoic acid, meth...	294	C19H34O2	057156-97-5	93	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099964.D
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ClientSampleId :
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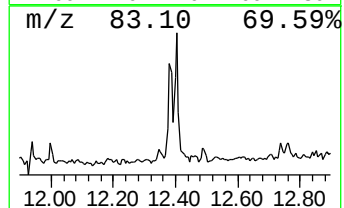
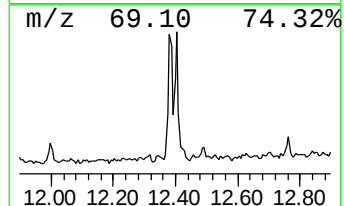
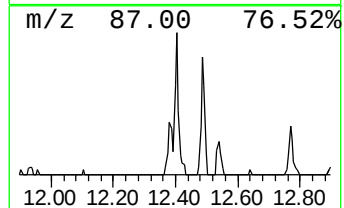
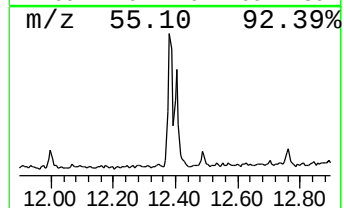
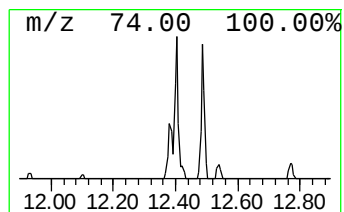
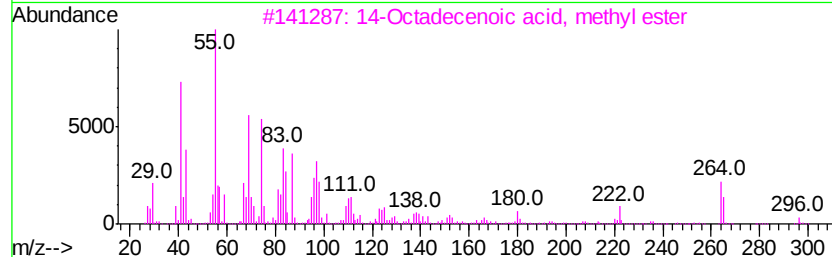
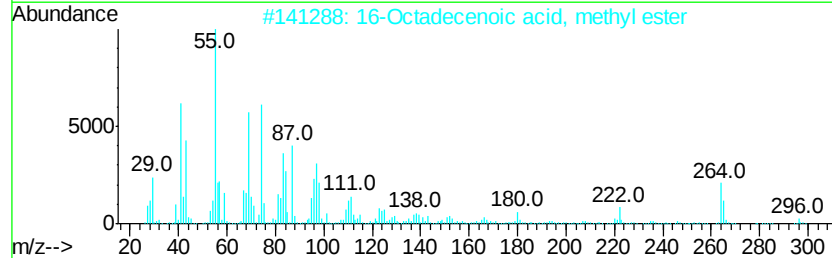
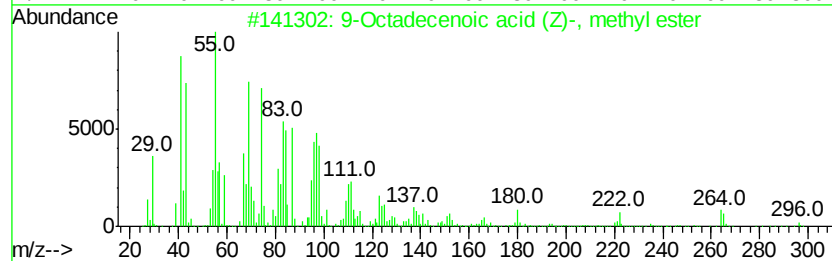
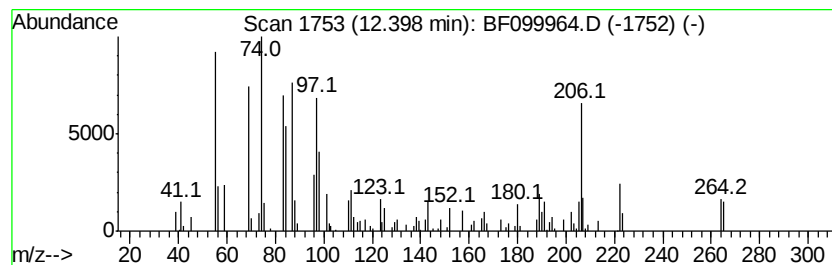
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9-Octadecenoic acid (Z)-, m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	9.25 ng	321679	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	87
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	70
3		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	52
4		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	52
5		6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099964.D
Acq On : 30 Oct 2017 17:19
Operator : SJ/JU
Sample : I6196-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-102717

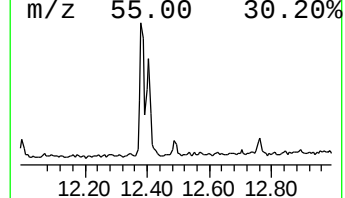
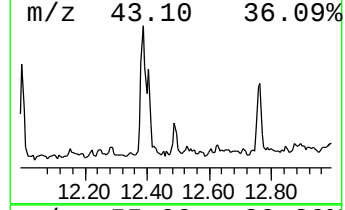
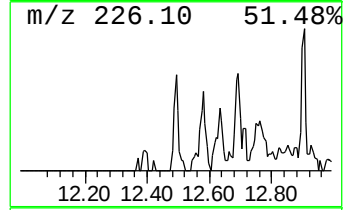
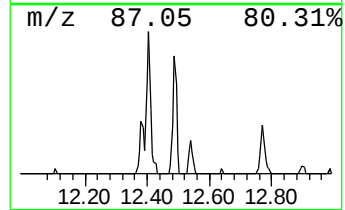
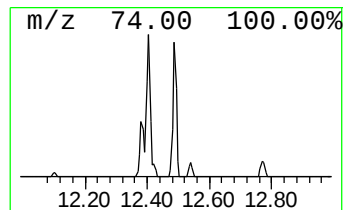
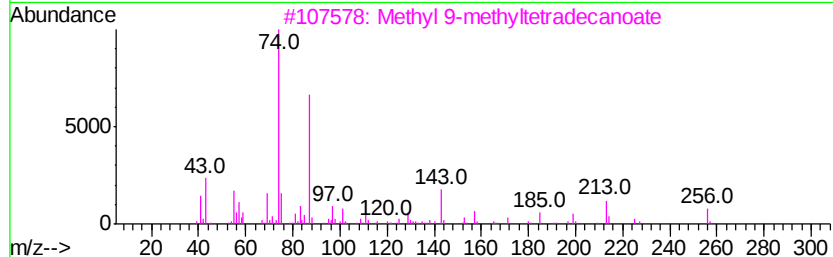
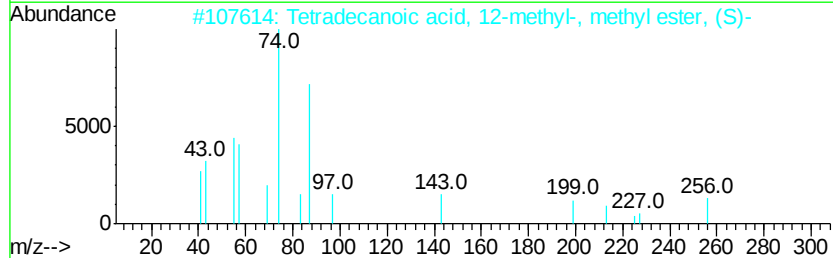
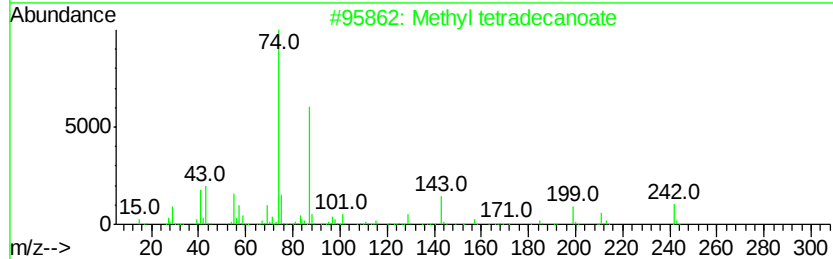
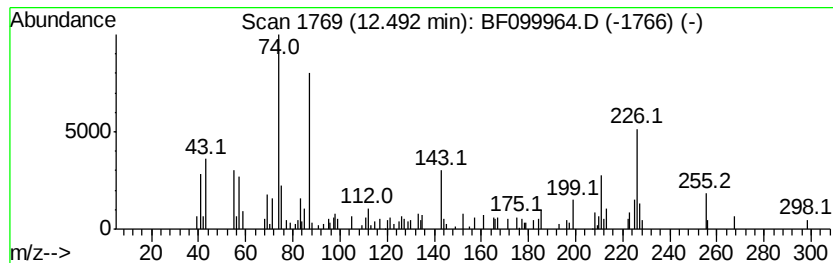
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Methyl tetradecanoate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	2.05 ng	71346	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	53
2		Tetradecanoic acid, 12-methyl-, ...	256	C16H32O2	062691-05-8	53
3		Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	52
4		Undecanoic acid, 11-bromo-, meth...	278	C12H23BrO2	006287-90-7	43
5		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103017\
Data File : BF099964.D
Acq On : 30 Oct 2017 17:19
Operator : SJ/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-03-102717

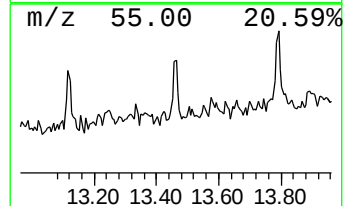
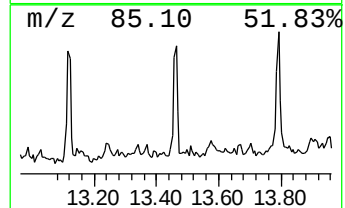
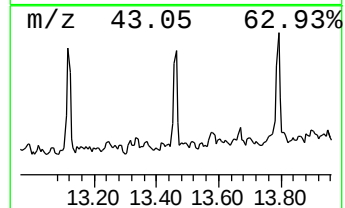
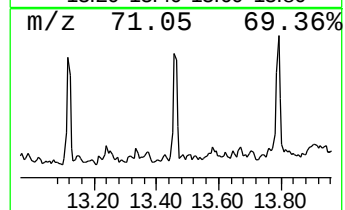
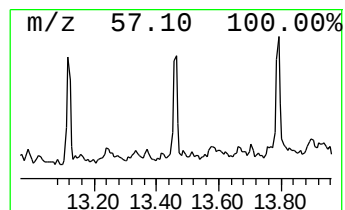
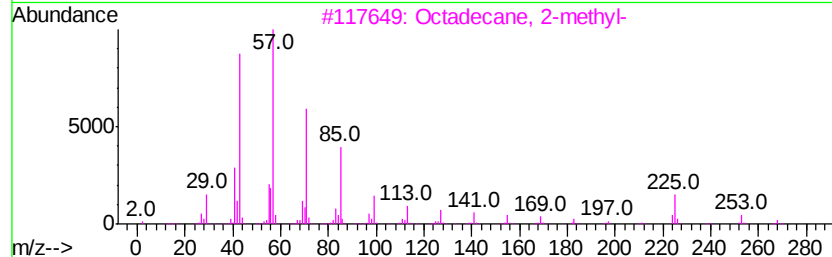
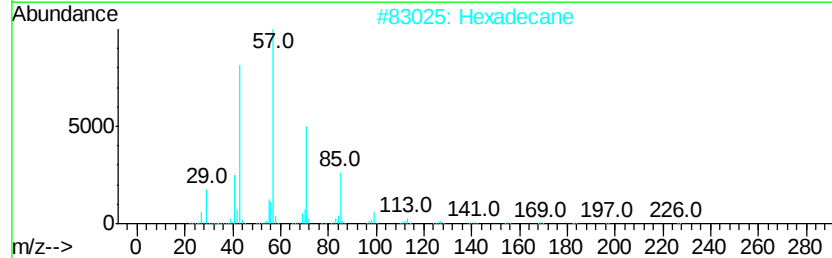
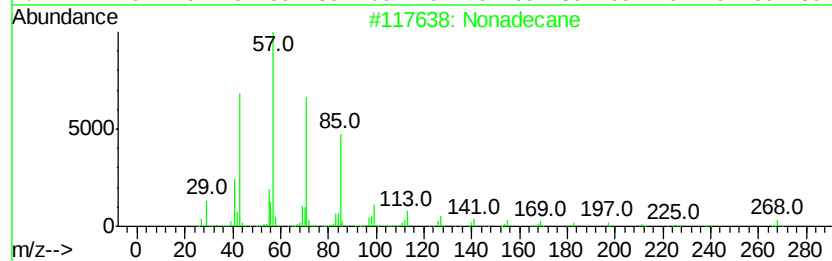
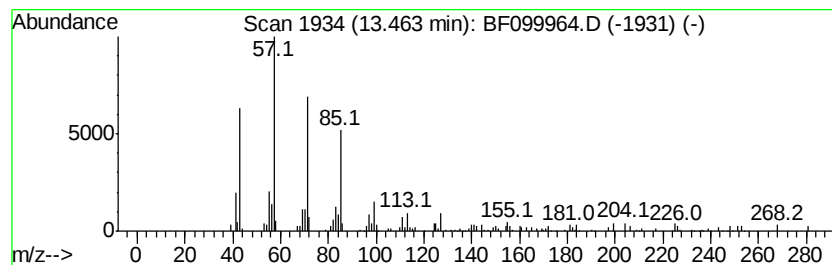
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Nonadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	2.58 ng	73978	Chrysene-d12	13.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	94
2			Hexadecane	226	C16H34	000544-76-3	93
3			Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4			Hexacosane	366	C26H54	000630-01-3	87
5			Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103017\
Data File : BF099964.D
Acq On : 30 Oct 2017 17:19
Operator : SJ/JU
Sample : I6196-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

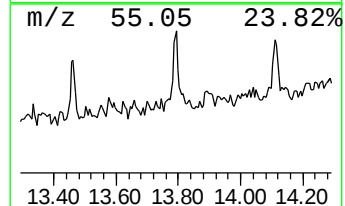
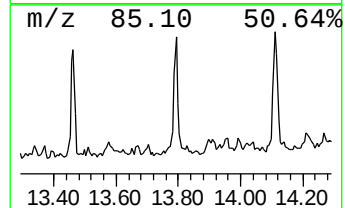
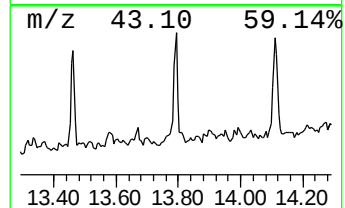
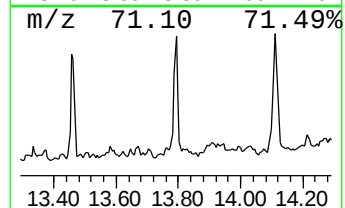
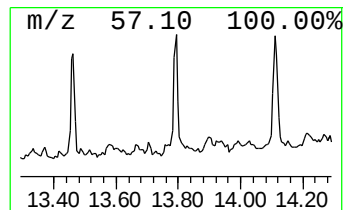
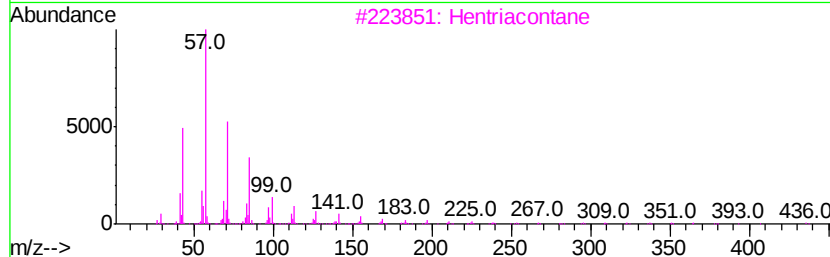
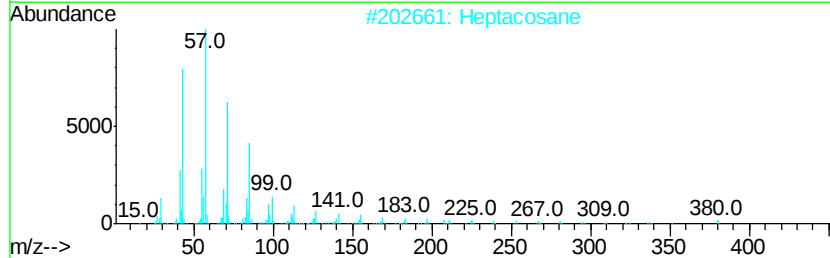
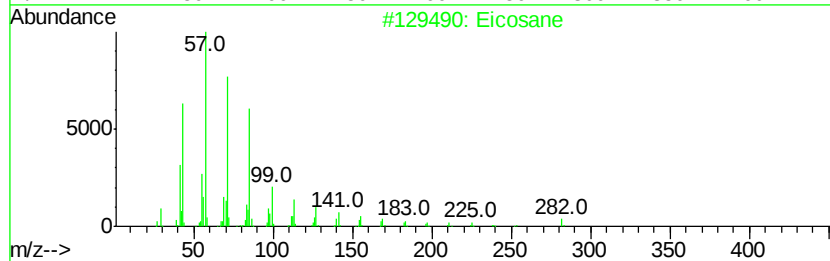
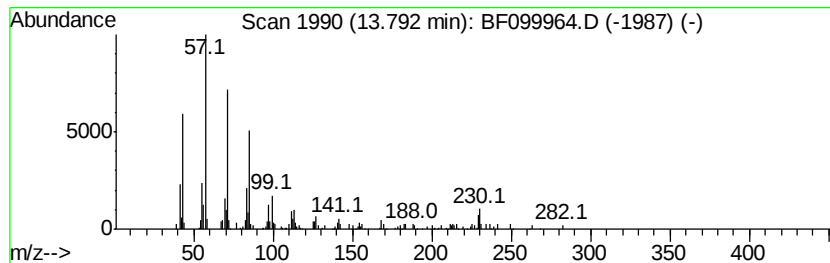
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OK-03-102717

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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 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.79	3.73 ng	107027	Chrysene-d12	13.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Heptacosane	380	C27H56	000593-49-7	83
3	Hentriacontane	437	C31H64	000630-04-6	83
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103017\
Data File : BF099964.D
Acq On : 30 Oct 2017 17:19
Operator : SJ/JU
Sample : I6196-01 5X
Misc :
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Instrument :
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ClientSampleId :
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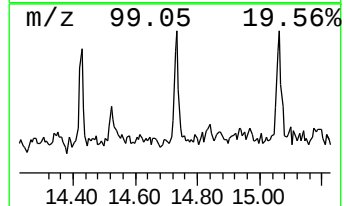
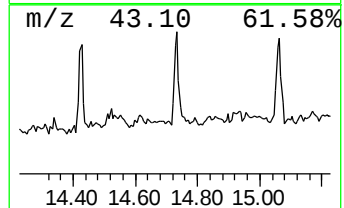
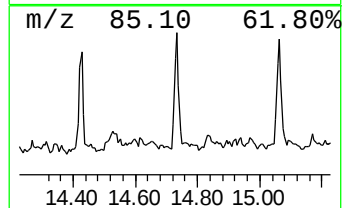
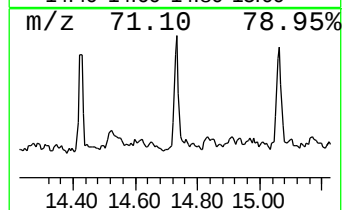
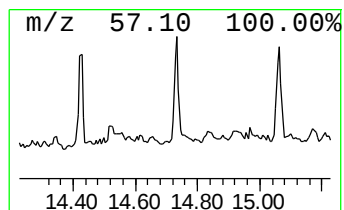
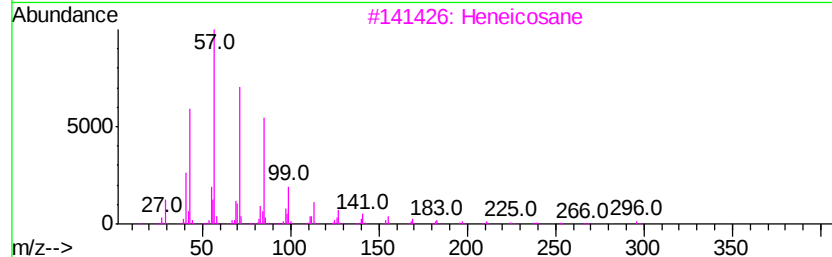
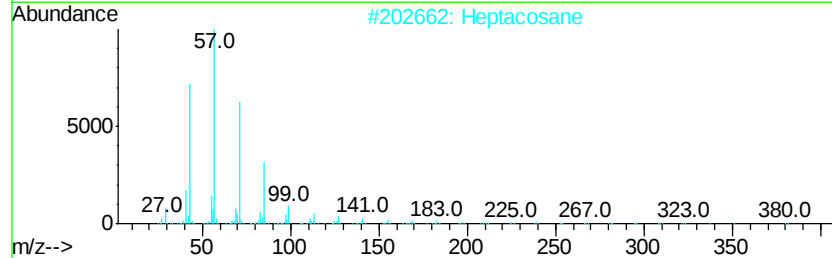
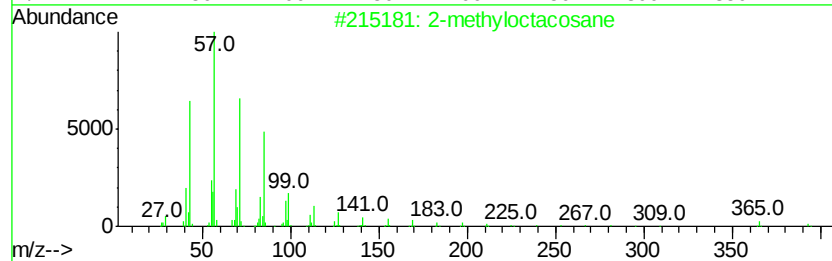
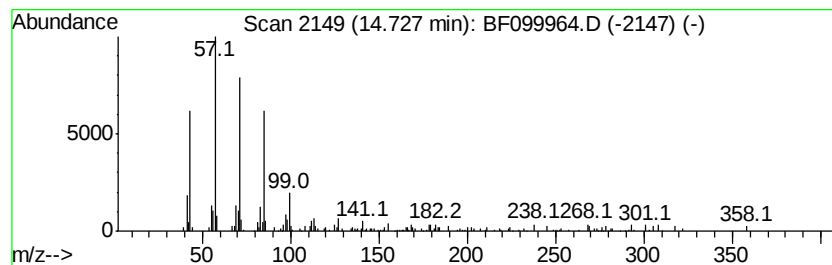
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2-methyloctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	3.66 ng	83196	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	90
2		Heptacosane	380	C27H56	000593-49-7	90
3		Heneicosane	296	C21H44	000629-94-7	87
4		Nonadecane	268	C19H40	000629-92-5	87
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103017\
 Data File : BF099964.D
 Acq On : 30 Oct 2017 17:19
 Operator : SJ/JU
 Sample : I6196-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Pentadecane	9.74	2.2	ng	76803	3	9.82	712206	20.0
Tetradecane	10.24	3.3	ng	118151	3	9.82	712206	20.0
Heneicosane	11.16	2.7	ng	92510	4	11.32	695781	20.0
Heptadecane	11.59	2.5	ng	85296	4	11.32	695781	20.0
Hexadecanoic acid...	11.69	3.5	ng	122299	4	11.32	695781	20.0
Anthracene, 2-met...	11.82	3.0	ng	102617	4	11.32	695781	20.0
Phenanthrene, 2-m...	11.85	2.9	ng	99613	4	11.32	695781	20.0
9,12-Octadecadien...	12.38	17.1	ng	595438	4	11.32	695781	20.0
9-Octadecenoic ac...	12.40	9.3	ng	321679	4	11.32	695781	20.0
Methyl tetradecan...	12.49	2.0	ng	71346	4	11.32	695781	20.0
Nonadecane	13.46	2.6	ng	73978	5	13.97	573985	20.0
Eicosane	13.79	3.7	ng	107027	5	13.97	573985	20.0
2-methyloctacosane	14.73	3.7	ng	83196	6	15.47	454107	20.0