

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097433.D
 Acq On : 7 Aug 2017 17:06
 Operator : SJ/JU
 Sample : I4639-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-080317-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:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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	4.534	463	467	484	rBV	130287	247201	2.84%	0.338%
2	5.004	543	547	570	rBV	1724405	2260149	25.95%	3.087%
3	6.081	727	730	744	rBV	1879403	2185434	25.10%	2.985%
4	6.187	744	748	754	rVB	2087750	2072040	23.79%	2.830%
5	6.410	783	786	795	rVB	676220	610663	7.01%	0.834%
6	6.563	809	812	823	rBV	1620268	1573172	18.06%	2.149%
7	6.981	880	883	891	rBV	1419321	1445324	16.60%	1.974%
8	7.692	1001	1004	1012	rVV	902746	876890	10.07%	1.198%
9	8.139	1077	1080	1083	rVV3	140398	160588	1.84%	0.219%
10	8.198	1087	1090	1093	rBV	138019	123569	1.42%	0.169%
11	8.310	1105	1109	1113	rBV	345316	339333	3.90%	0.464%
12	8.351	1113	1116	1120	rVV3	110878	151362	1.74%	0.207%
13	8.404	1123	1125	1129	rVB3	92993	93321	1.07%	0.127%
14	8.504	1138	1142	1143	rBV	173654	157396	1.81%	0.215%
15	8.592	1152	1157	1158	rBV4	63064	98579	1.13%	0.135%
16	8.710	1174	1177	1179	rBV3	92539	96919	1.11%	0.132%
17	8.733	1179	1181	1184	rVV2	135076	120376	1.38%	0.164%
18	8.775	1184	1188	1191	rVV	2045569	1940351	22.28%	2.651%
19	8.869	1200	1204	1208	rBV	471894	478991	5.50%	0.654%
20	8.922	1209	1213	1215	rVV2	127160	145808	1.67%	0.199%
21	9.028	1227	1231	1234	rBV4	105076	175540	2.02%	0.240%
22	9.104	1241	1244	1246	rBV	114632	116369	1.34%	0.159%
23	9.128	1246	1248	1251	rVV2	93500	98262	1.13%	0.134%
24	9.175	1253	1256	1261	rBV2	500931	610816	7.01%	0.834%
25	9.298	1274	1277	1279	rBV	205542	179546	2.06%	0.245%
26	9.398	1290	1294	1297	rBV	737282	620647	7.13%	0.848%
27	9.439	1297	1301	1304	rVV	739210	748115	8.59%	1.022%
28	9.469	1304	1306	1310	rVB	175278	152324	1.75%	0.208%
29	9.645	1330	1336	1340	rBV4	256002	470758	5.41%	0.643%
30	9.686	1340	1343	1345	rBV	164980	149701	1.72%	0.204%
31	9.716	1345	1348	1352	rVB	272231	256383	2.94%	0.350%
32	9.751	1352	1354	1358	rBV2	161819	214365	2.46%	0.293%
33	9.892	1375	1378	1382	rVB	841895	733309	8.42%	1.002%
34	9.945	1382	1387	1390	rBV5	69758	126427	1.45%	0.173%

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35	9.980	1390	1393	1396	rBV	312082	279993	3.22%	0.382%
36	10.110	1410	1415	1418	rBV	327612	433987	4.98%	0.593%
37	10.192	1426	1429	1431	rBV	128117	112294	1.29%	0.153%
38	10.227	1431	1435	1438	rVB	1067364	1045129	12.00%	1.428%
39	10.363	1455	1458	1464	rBV	867647	988721	11.35%	1.351%
40	10.557	1488	1491	1494	rBV	151630	151519	1.74%	0.207%
41	10.645	1504	1506	1510	rBV2	91144	99712	1.15%	0.136%
42	10.810	1531	1534	1536	rVV	771699	652426	7.49%	0.891%
43	10.839	1536	1539	1545	rVB	321927	370291	4.25%	0.506%
44	10.910	1548	1551	1553	rVV	601439	532133	6.11%	0.727%
45	10.933	1553	1555	1561	rVB	1208255	1118586	12.84%	1.528%
46	10.986	1561	1564	1568	rBV	385900	355322	4.08%	0.485%
47	11.151	1588	1592	1595	rVV	156698	168036	1.93%	0.230%
48	11.186	1595	1598	1600	rVV	94035	123375	1.42%	0.169%
49	11.233	1603	1606	1612	rVV	592165	603082	6.93%	0.824%
50	11.280	1612	1614	1618	rVV3	67511	96811	1.11%	0.132%
51	11.339	1619	1624	1627	rVV	3686770	3948706	45.34%	5.394%
52	11.410	1627	1636	1639	rVV2	268343	348886	4.01%	0.477%
53	11.439	1639	1641	1644	rVV	292487	249129	2.86%	0.340%
54	11.486	1644	1649	1652	rVV2	885960	982850	11.29%	1.343%
55	11.521	1652	1655	1657	rVV	483874	519680	5.97%	0.710%
56	11.545	1657	1659	1667	rVB	204172	214682	2.47%	0.293%
57	11.639	1670	1675	1681	rVV	670748	813336	9.34%	1.111%
58	11.704	1684	1686	1689	rVV	135610	152352	1.75%	0.208%
59	11.745	1689	1693	1696	rVV3	116698	173498	1.99%	0.237%
60	11.786	1697	1700	1706	rVB5	60339	108336	1.24%	0.148%
61	11.963	1725	1730	1733	rVV2	224071	322473	3.70%	0.441%
62	12.027	1734	1741	1743	rVV	4443407	8708424	100.00%	11.896%
63	12.051	1743	1745	1750	rVV	4758101	6087418	69.90%	8.316%
64	12.121	1753	1757	1761	rVV2	3023639	3131177	35.96%	4.277%
65	12.192	1761	1769	1778	rVV2	1714340	3388726	38.91%	4.629%
66	12.263	1778	1781	1786	rVV2	993653	1054478	12.11%	1.440%
67	12.304	1786	1788	1791	rVV2	148395	168014	1.93%	0.230%
68	12.345	1791	1795	1801	rVB	1591642	2064578	23.71%	2.820%
69	12.392	1801	1803	1811	rVB3	329321	437831	5.03%	0.598%
70	12.474	1813	1817	1818	rBV2	141782	159697	1.83%	0.218%
71	12.498	1818	1821	1824	rVB	1259492	1087517	12.49%	1.486%

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72	12.568	1829	1833	1836	rBV2	143011	213911	2.46%	0.292%
73	12.674	1844	1851	1856	rBV2	499921	795779	9.14%	1.087%
74	12.745	1860	1863	1867	rVV3	472647	706043	8.11%	0.964%
75	12.780	1867	1869	1876	rVB	248617	284228	3.26%	0.388%
76	12.839	1876	1879	1882	rBV	269675	258392	2.97%	0.353%
77	12.868	1882	1884	1886	rVB	170362	127393	1.46%	0.174%
78	12.898	1887	1889	1894	rBV2	119059	164236	1.89%	0.224%
79	12.992	1903	1905	1909	rVB3	151443	185924	2.13%	0.254%
80	13.086	1919	1921	1929	rVB3	169639	239495	2.75%	0.327%
81	13.263	1947	1951	1954	rBV2	249192	388023	4.46%	0.530%
82	13.339	1961	1964	1966	rBV	159214	140966	1.62%	0.193%
83	13.504	1990	1992	1994	rBV	189999	211680	2.43%	0.289%
84	13.533	1994	1997	2000	rVV2	962156	1382688	15.88%	1.889%
85	13.563	2000	2002	2006	rVB	849948	808215	9.28%	1.104%
86	13.639	2012	2015	2017	rVB2	156824	131134	1.51%	0.179%
87	13.815	2043	2045	2050	rBV6	76276	100471	1.15%	0.137%
88	13.886	2054	2057	2059	rBV2	169304	176498	2.03%	0.241%
89	13.921	2060	2063	2067	rVV	222589	280249	3.22%	0.383%
90	14.021	2076	2080	2084	rBV4	255236	466776	5.36%	0.638%
91	14.327	2129	2132	2136	rVB2	168971	179332	2.06%	0.245%
92	14.421	2144	2148	2151	rBV	462494	533602	6.13%	0.729%
93	14.533	2163	2167	2176	rVB	803797	1325131	15.22%	1.810%
94	14.615	2178	2181	2184	rBV2	185195	241125	2.77%	0.329%
95	14.780	2206	2209	2212	rVB	440704	420936	4.83%	0.575%
96	14.833	2214	2218	2223	rVV	625689	727795	8.36%	0.994%
97	14.880	2223	2226	2228	rVV	345630	365351	4.20%	0.499%
98	14.909	2228	2231	2237	rVB3	255725	402345	4.62%	0.550%
99	16.074	2425	2429	2433	rBV	237060	371691	4.27%	0.508%
100	16.427	2485	2489	2498	rVB	249364	492177	5.65%	0.672%

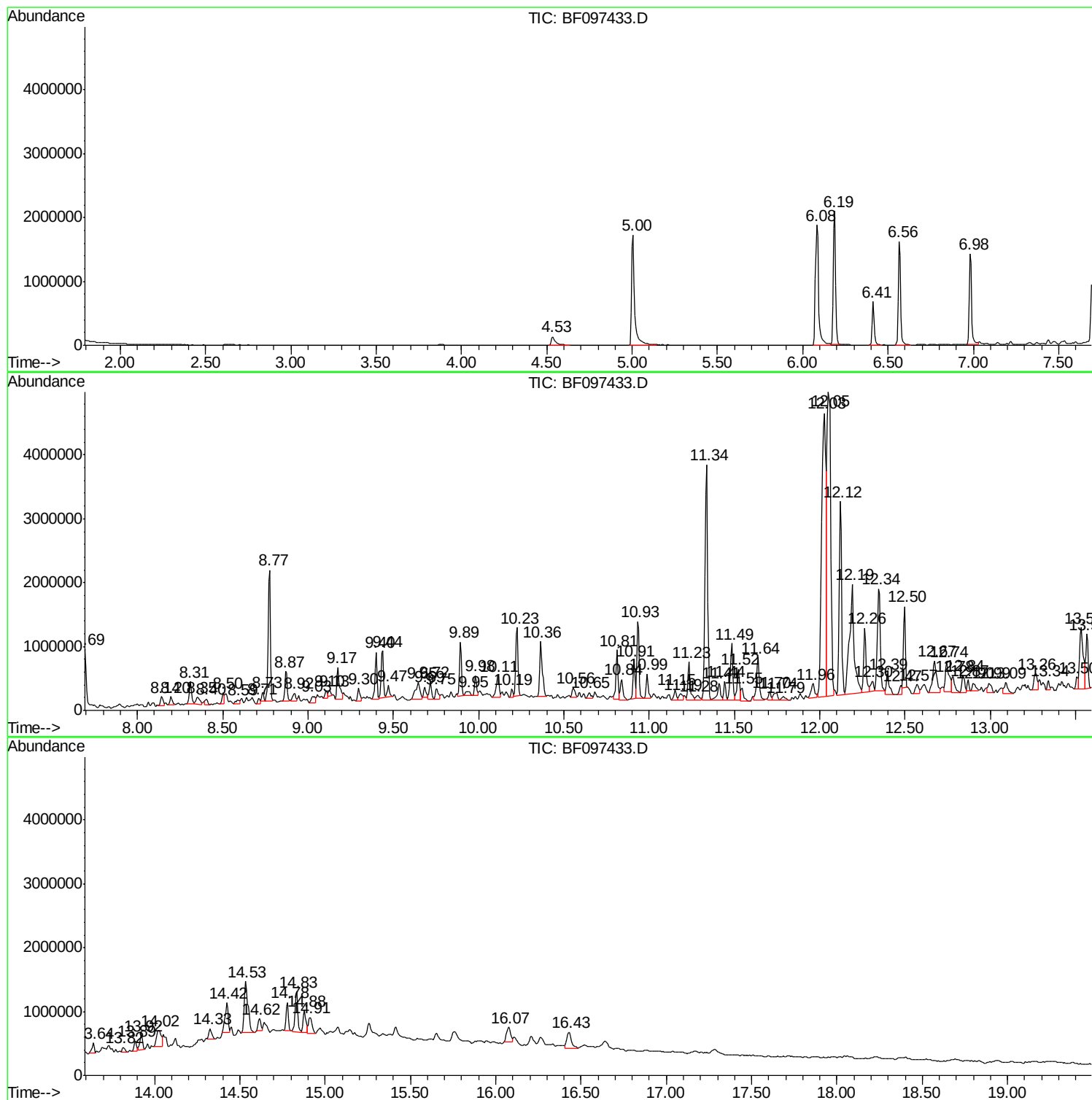
Sum of corrected areas: 73204819

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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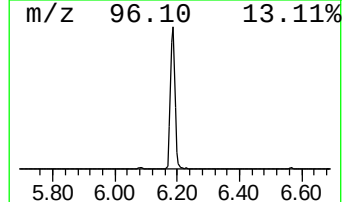
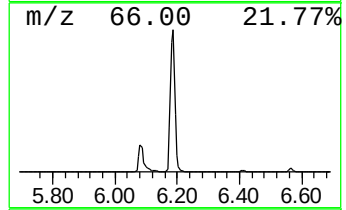
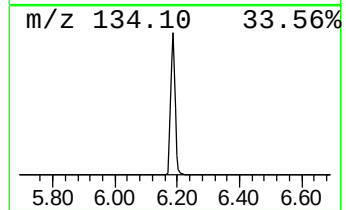
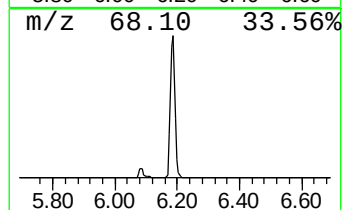
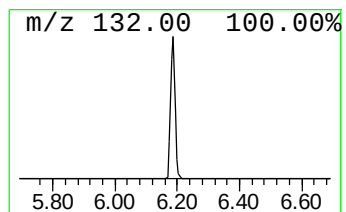
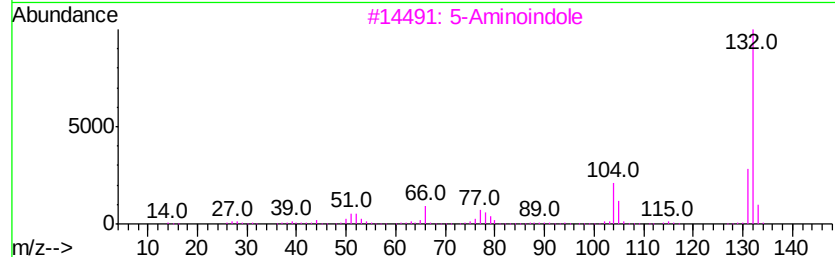
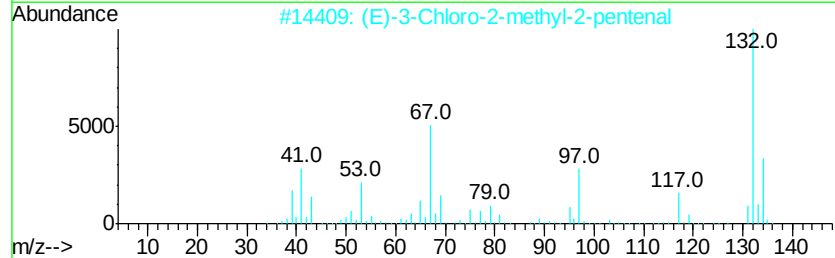
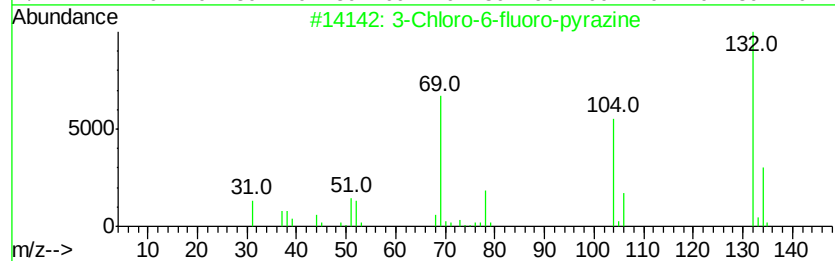
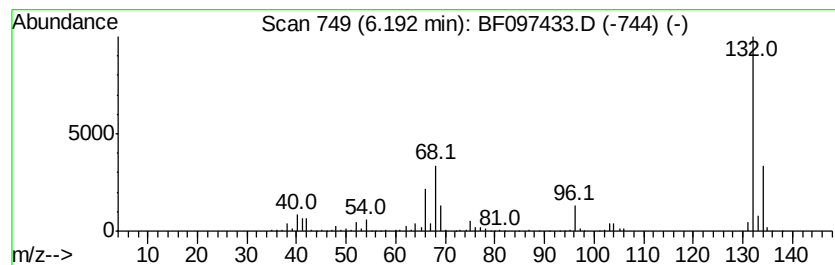
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.19 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	67.86 ng	2072040	1,4-Dichlorobenzene-d4	6.41

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		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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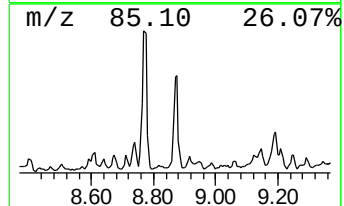
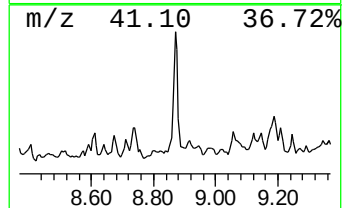
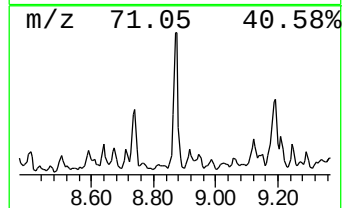
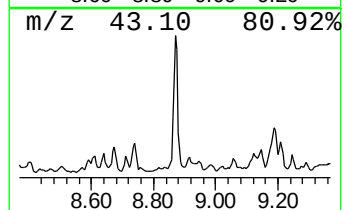
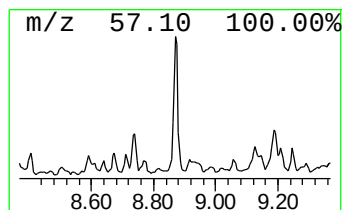
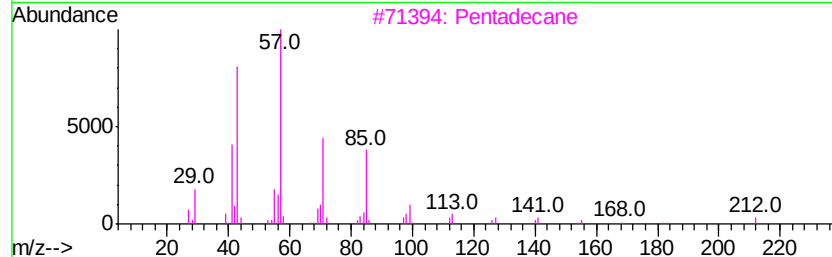
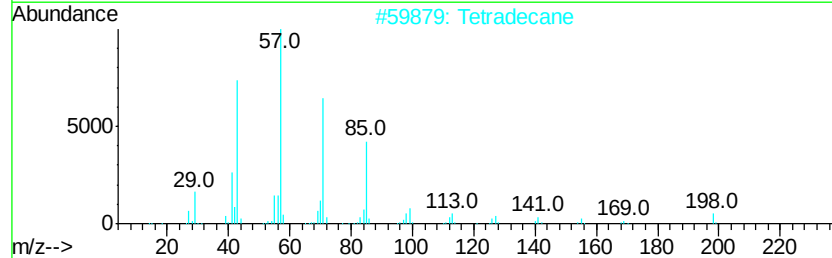
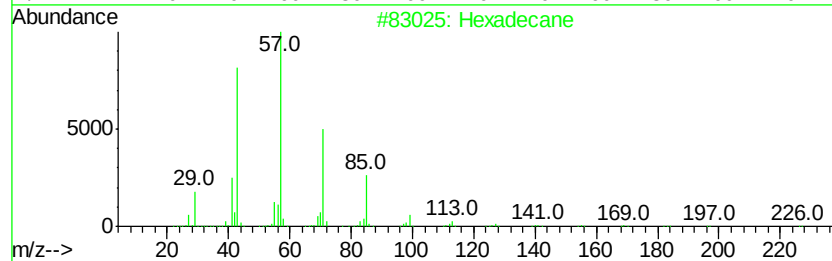
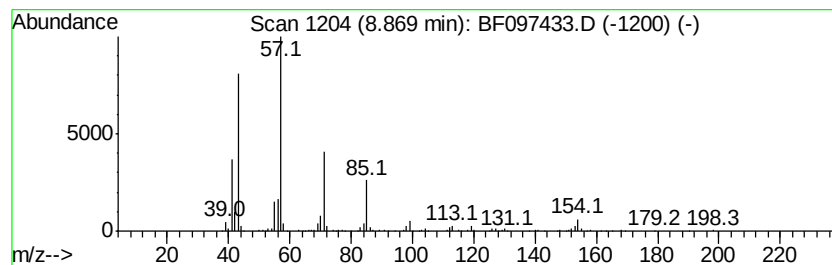
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	12.81 ng	478991	Acenaphthene-d10	9.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	91
2	Tetradecane	198 C14H30	000629-59-4	90
3	Pentadecane	212 C15H32	000629-62-9	80
4	Sulfurous acid, 2-propyl undecyl...	278 C14H30O3S	1000309-12-2	72
5	Hexatriacontane	507 C36H74	000630-06-8	72



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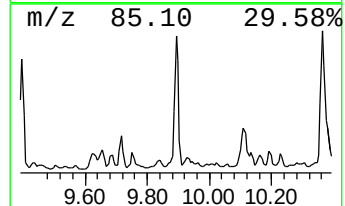
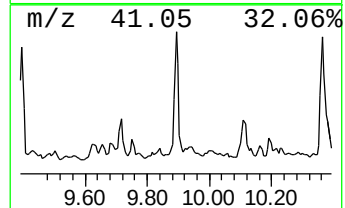
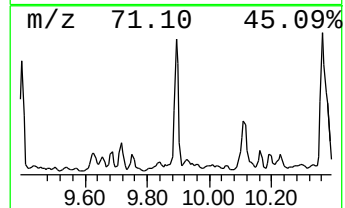
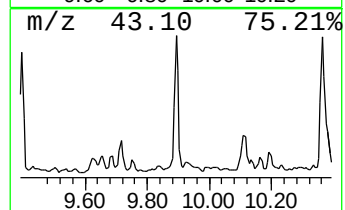
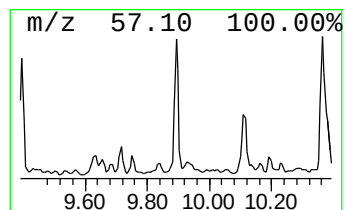
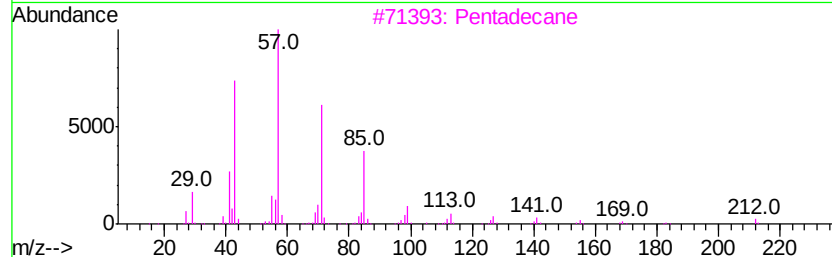
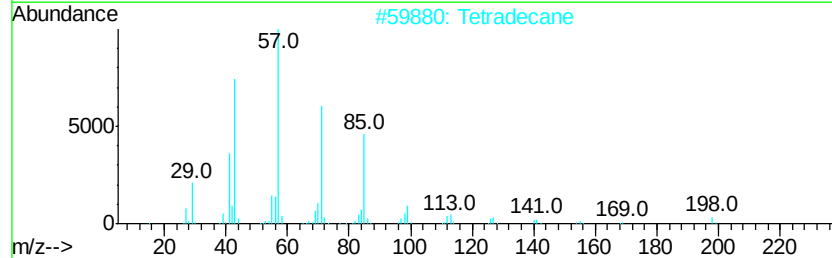
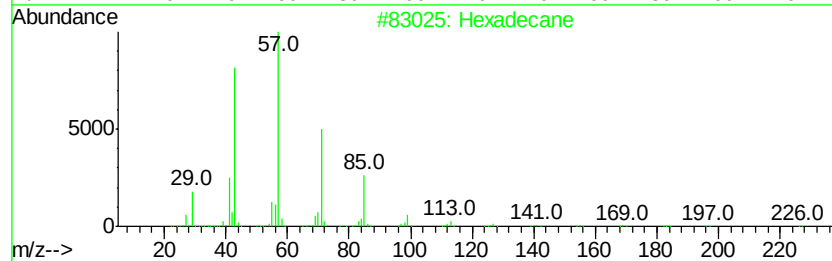
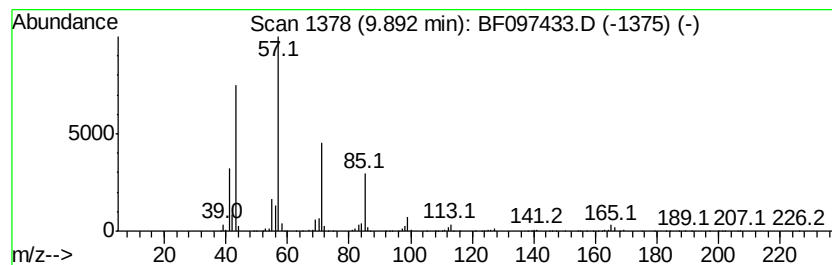
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	19.60 ng	733309	Acenaphthene-d10	9.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	97
2	Tetradecane		198	C14H30	000629-59-4	83
3	Pentadecane		212	C15H32	000629-62-9	83
4	Tridecane, 6-propyl-		226	C16H34	055045-10-8	81
5	Decane, 6-ethyl-2-methyl-		184	C13H28	062108-21-8	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
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Sample : I4639-01
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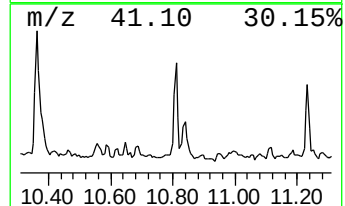
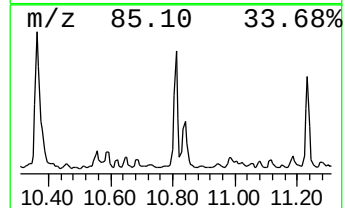
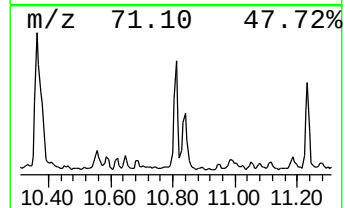
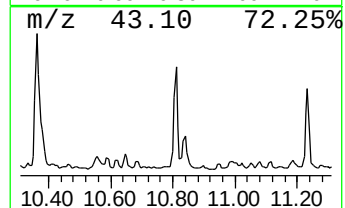
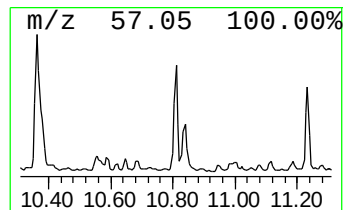
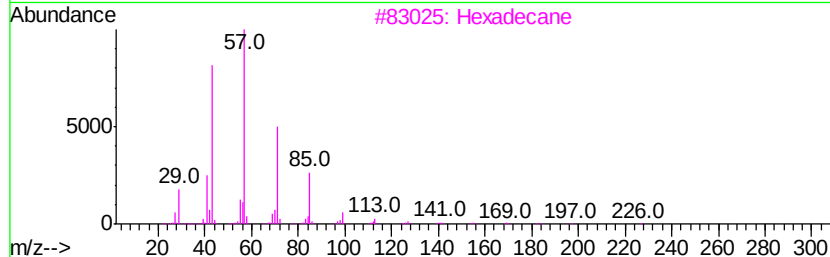
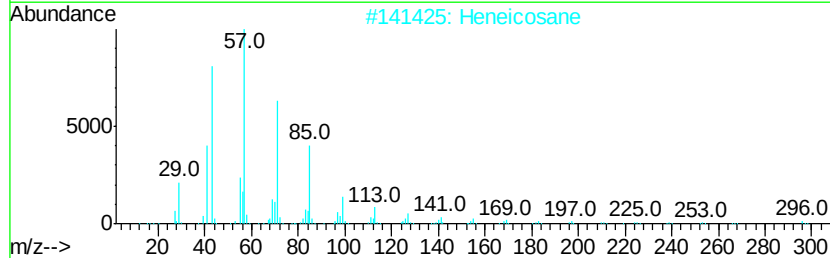
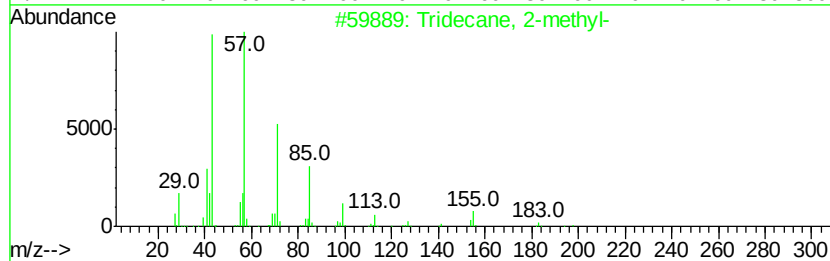
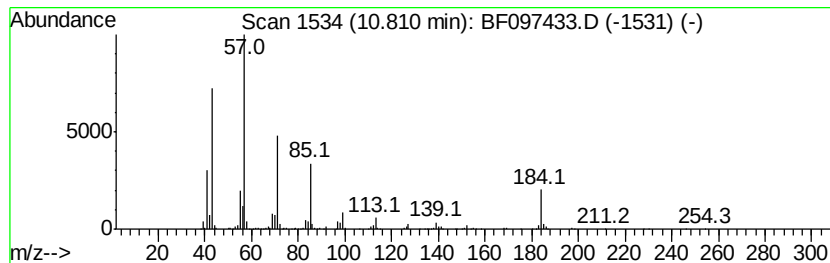
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.81	24.52 ng	652426	Phenanthrene-d10	10.91	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	76
2	Heneicosane	296	C21H44	000629-94-7	68
3	Hexadecane	226	C16H34	000544-76-3	68
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080717\
Data File : BF097433.D
Acq On : 7 Aug 2017 17:06
Operator : SJ/JU
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Misc :
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Instrument :
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ClientSampleId :
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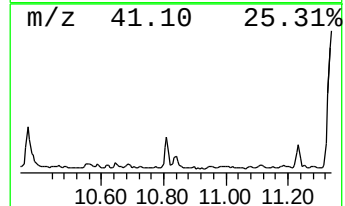
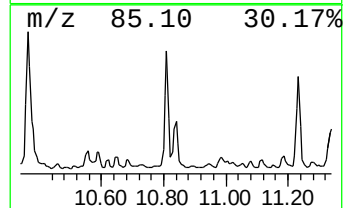
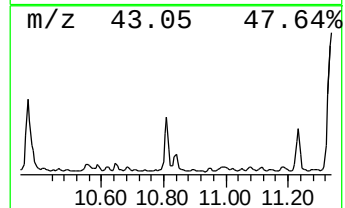
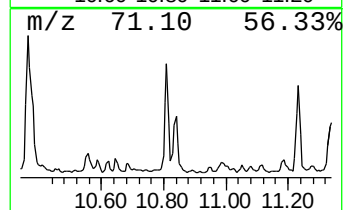
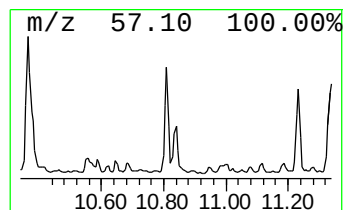
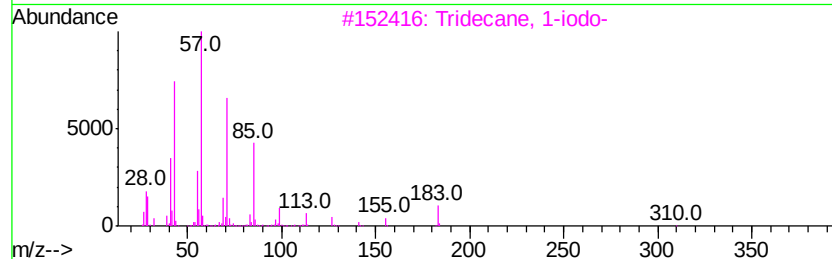
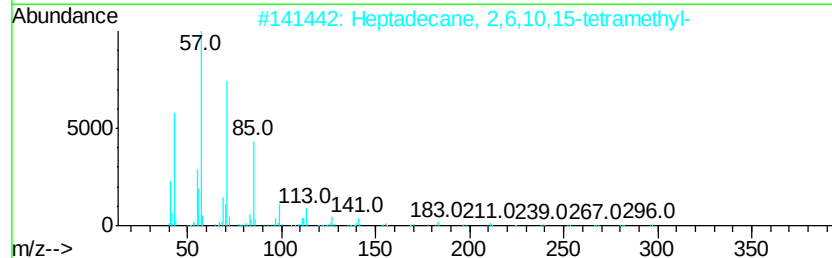
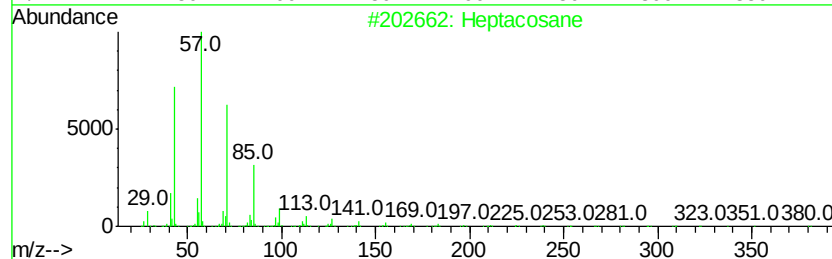
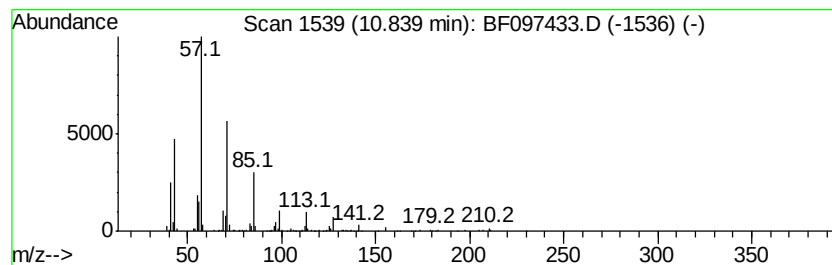
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	13.92 ng	370291	Phenanthrene-d10	10.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	86
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	72
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097433.D
Acq On : 7 Aug 2017 17:06
Operator : SJ/JU
Sample : I4639-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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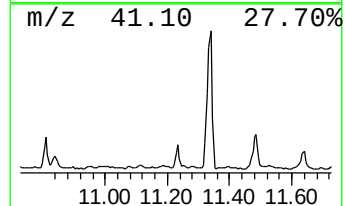
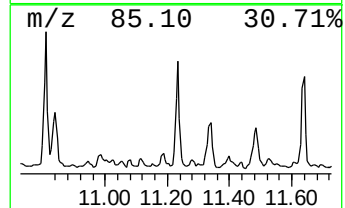
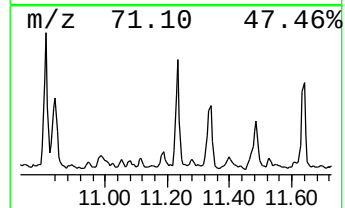
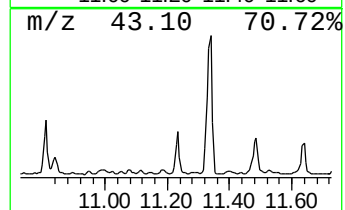
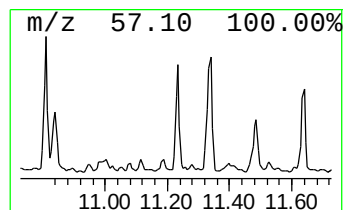
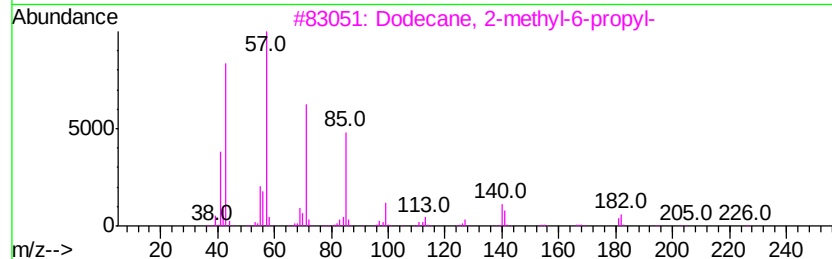
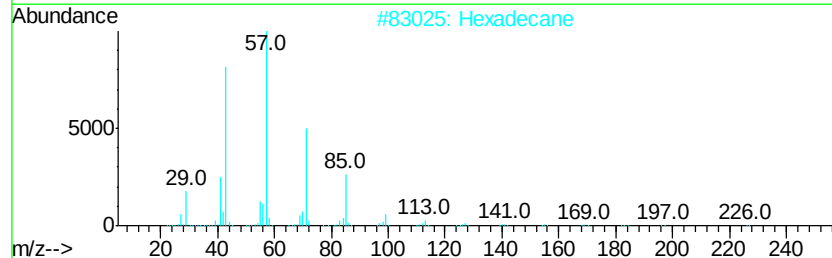
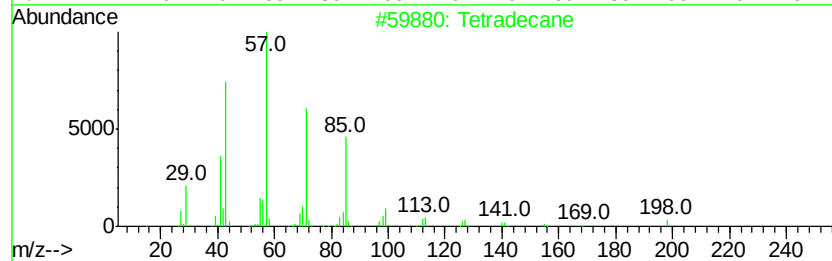
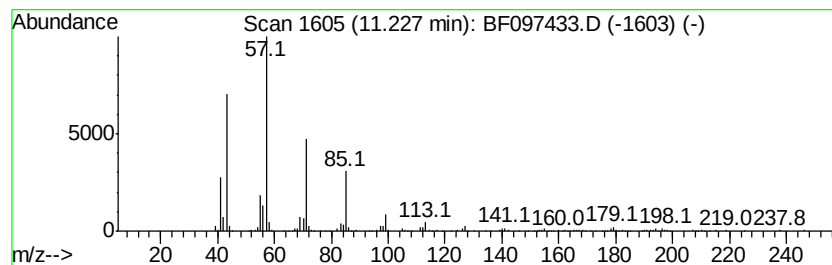
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	22.67 ng	603082	Phenanthrene-d10	10.91

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	90
2		Hexadecane	226	C16H34	000544-76-3	86
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4		Pentadecane	212	C15H32	000629-62-9	86
5		Heneicosane	296	C21H44	000629-94-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080717\
Data File : BF097433.D
Acq On : 7 Aug 2017 17:06
Operator : SJ/JU
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ALS Vial : 9 Sample Multiplier: 1

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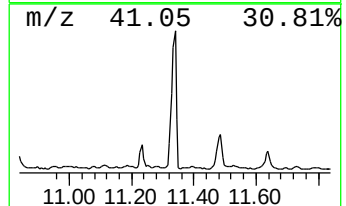
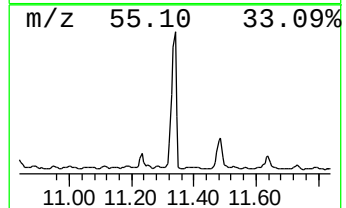
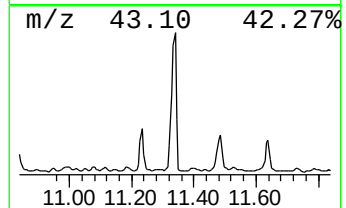
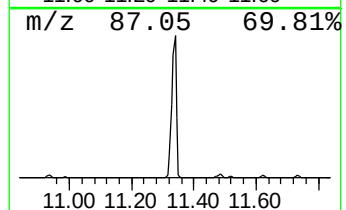
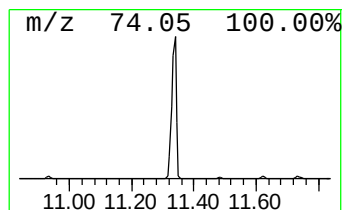
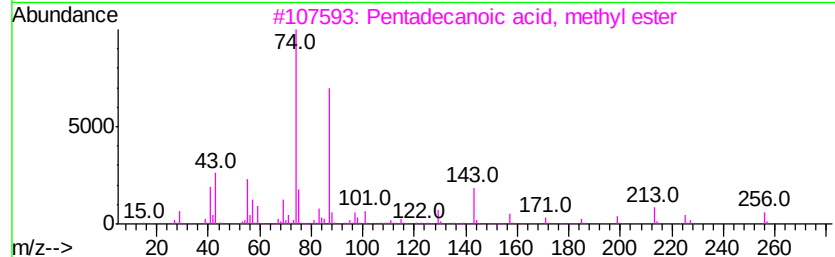
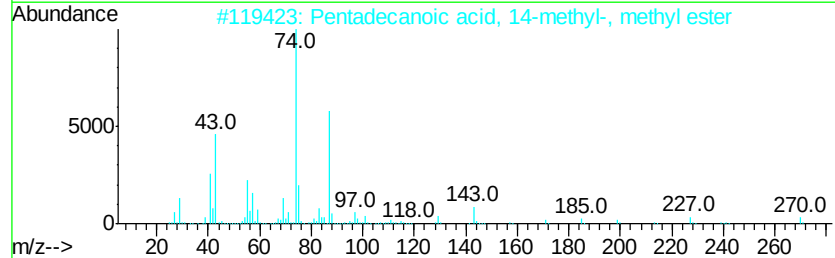
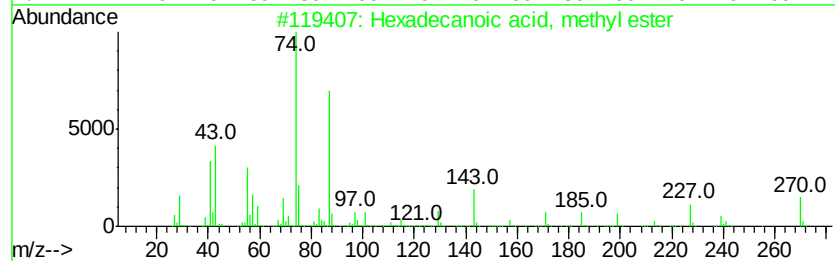
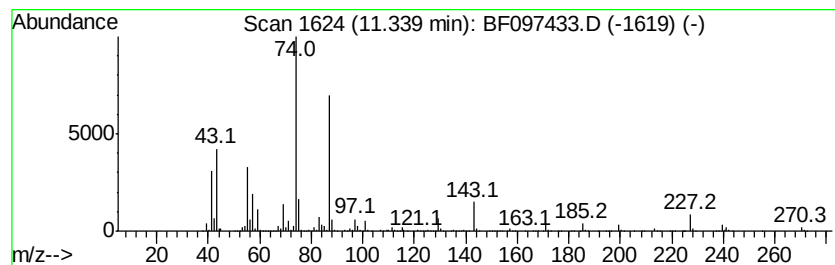
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	148.41 ng	3948710	Phenanthrene-d10	10.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080717\
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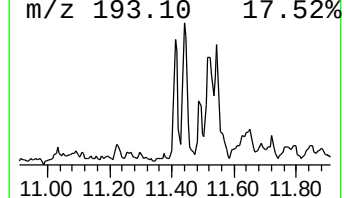
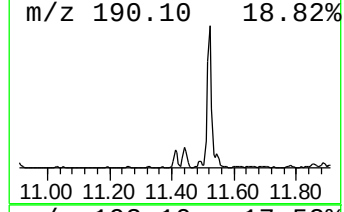
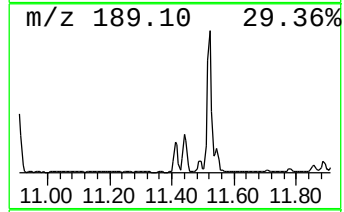
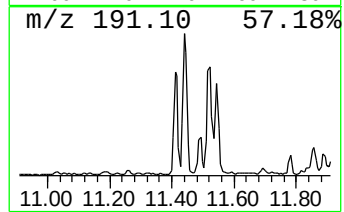
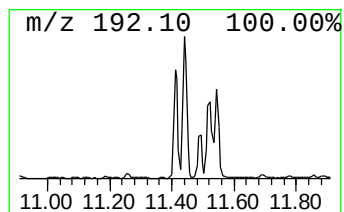
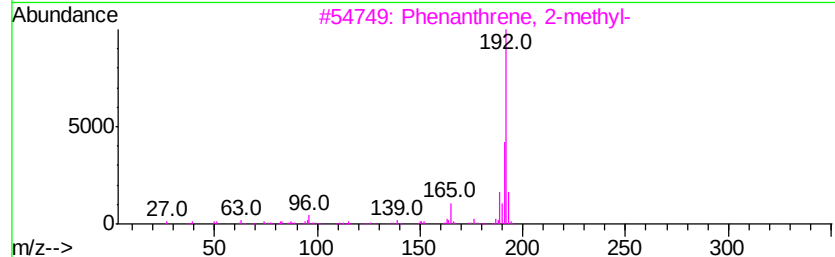
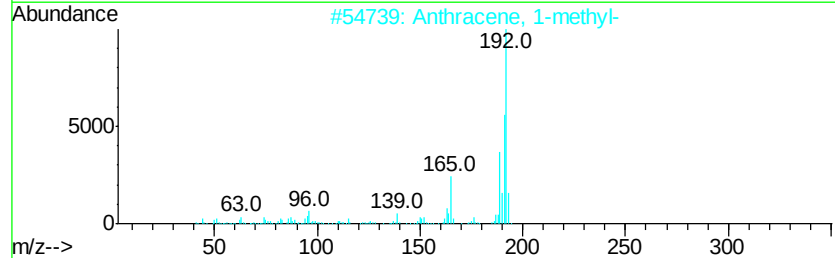
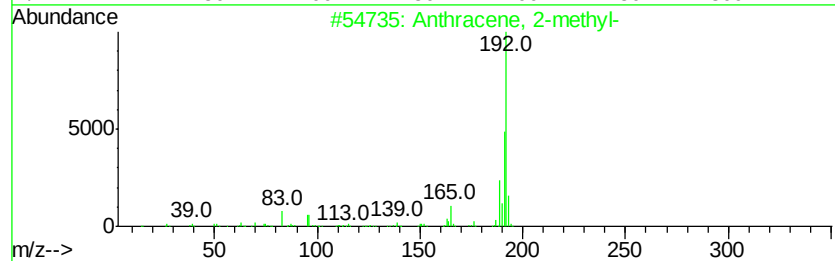
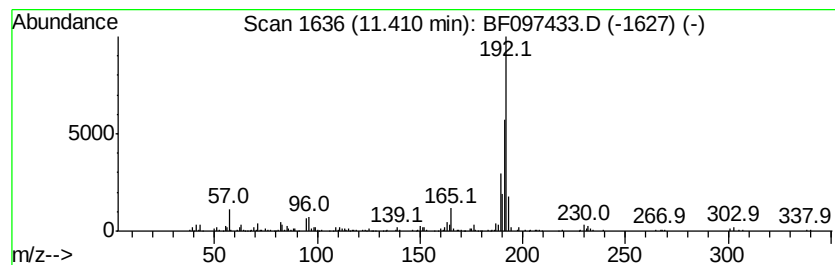
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	13.11 ng	348886	Phenanthrene-d10	10.91

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080717\
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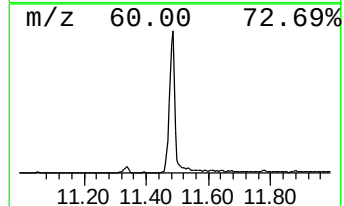
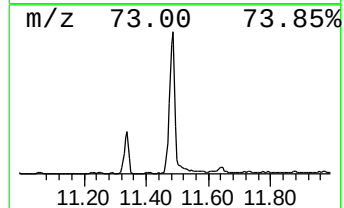
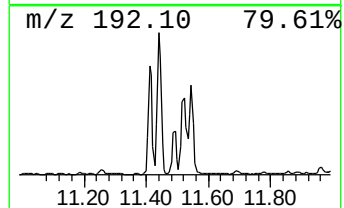
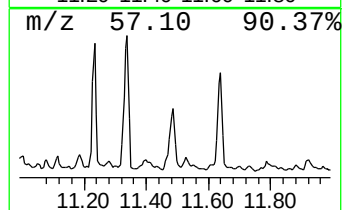
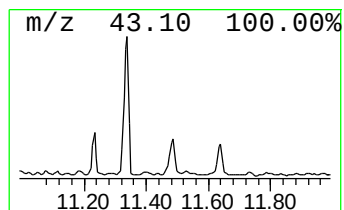
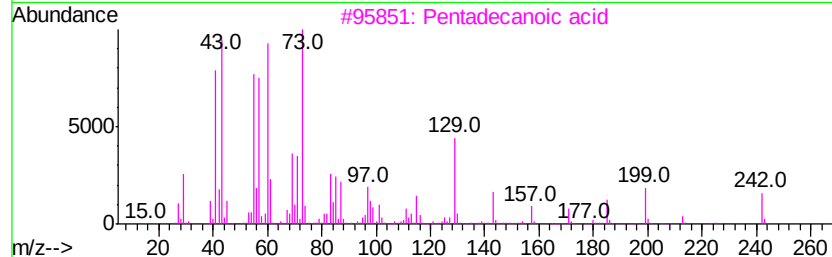
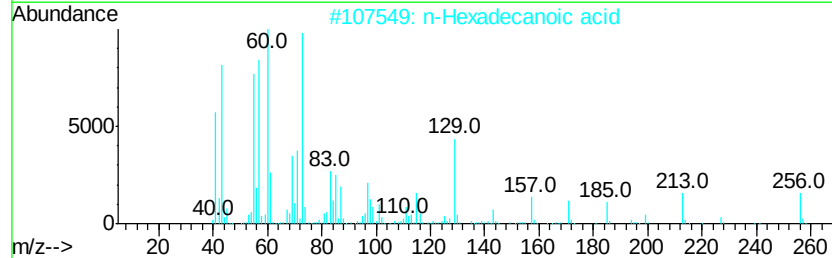
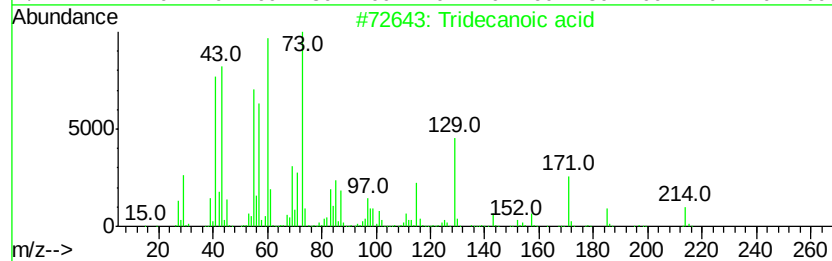
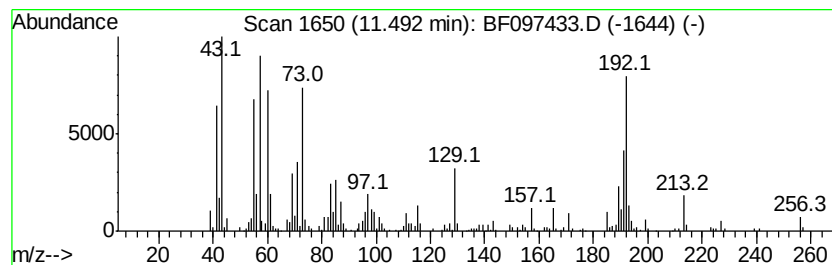
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	36.94 ng	982850	Phenanthrene-d10	10.91

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	94
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5		n-Decanoic acid	172	C10H20O2	000334-48-5	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080717\
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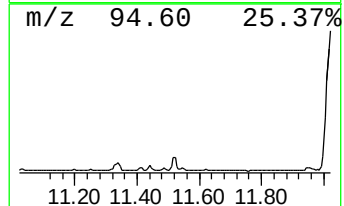
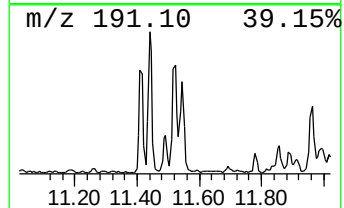
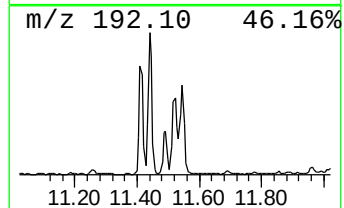
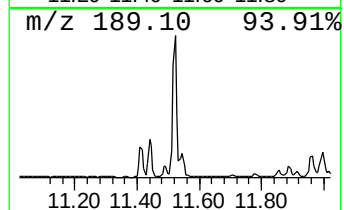
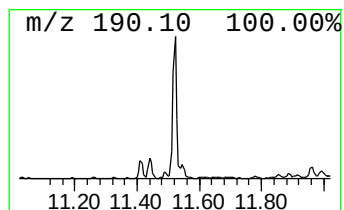
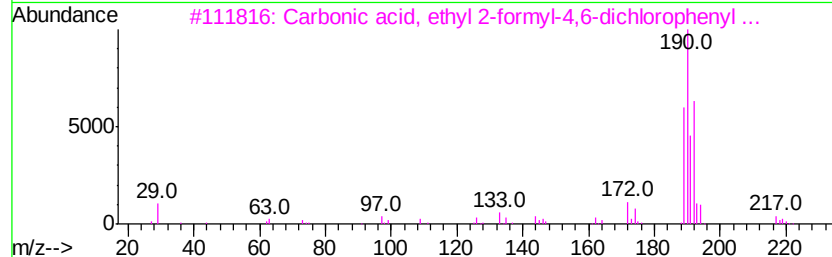
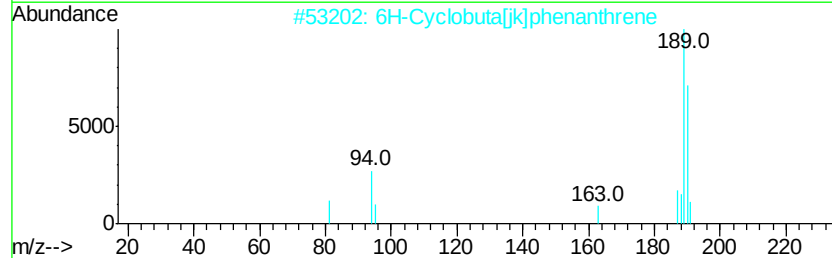
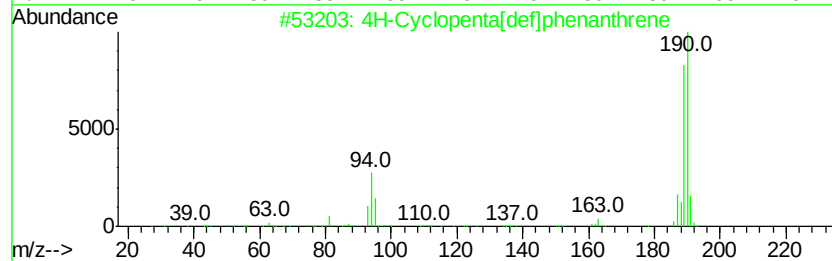
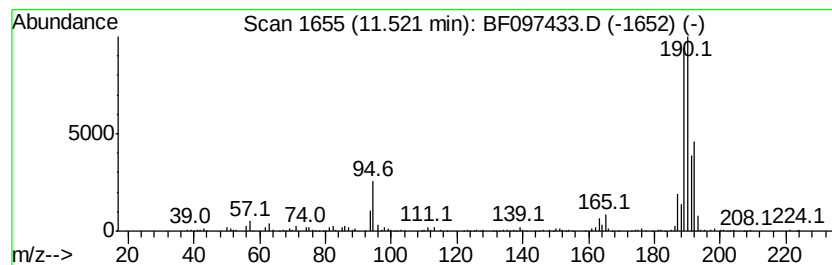
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.52	19.53 ng	519680	Phenanthrene-d10	10.91	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	42
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097433.D
Acq On : 7 Aug 2017 17:06
Operator : SJ/JU
Sample : I4639-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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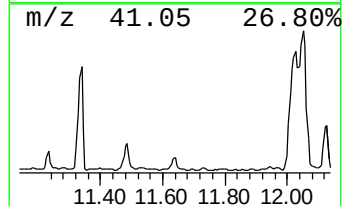
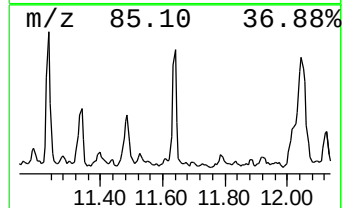
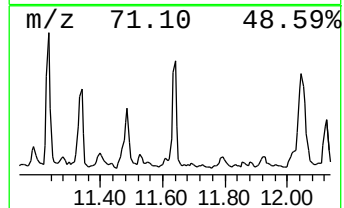
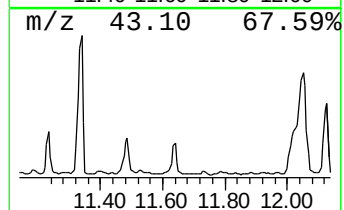
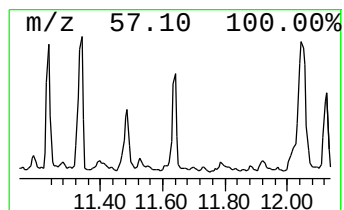
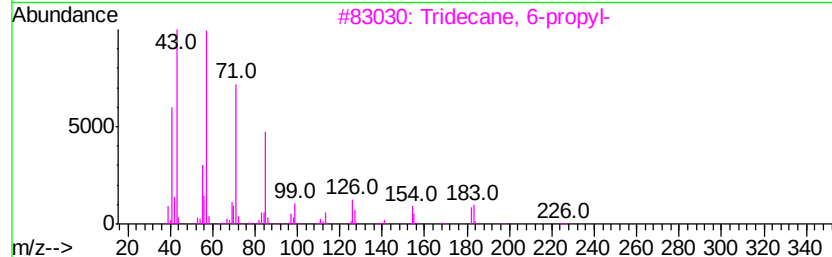
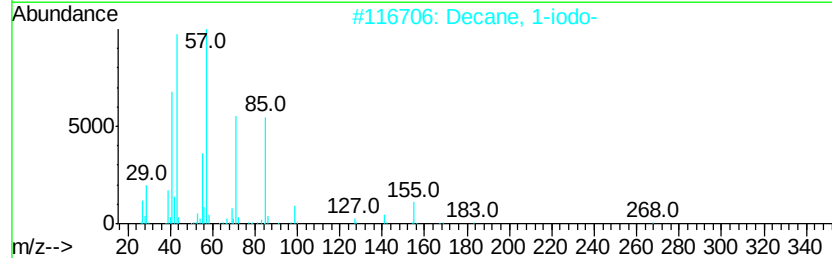
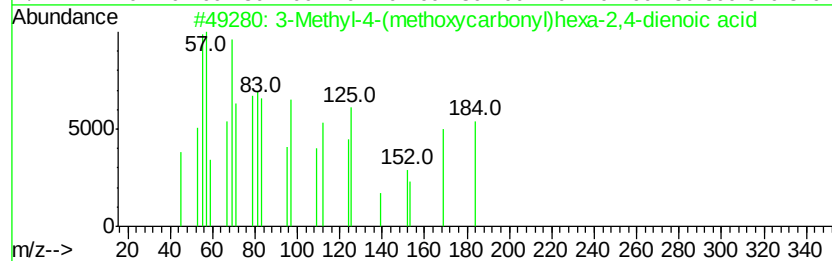
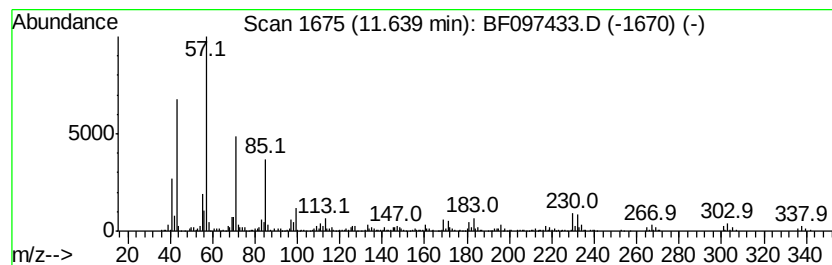
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 3-Methyl-4-(methoxycarbonyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	30.57 ng	813336	Phenanthrene-d10	10.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	90
2		Decane, 1-iodo-	268	C10H21I	002050-77-3	89
3		Tridecane, 6-propyl-	226	C16H34	055045-10-8	83
4		Tridecane	184	C13H28	000629-50-5	70
5		Tetradecane	198	C14H30	000629-59-4	64



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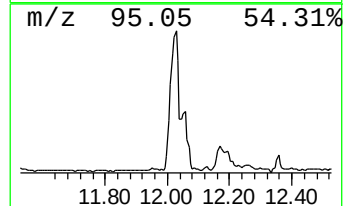
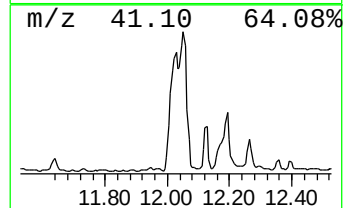
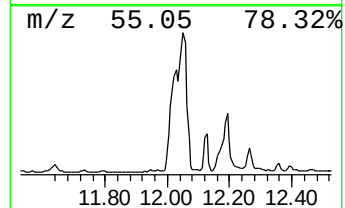
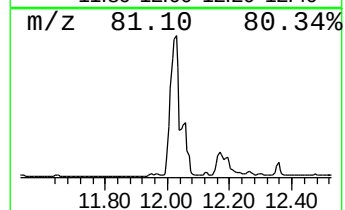
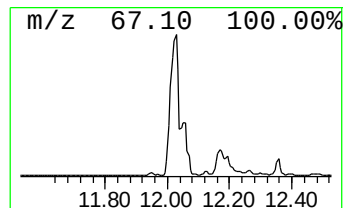
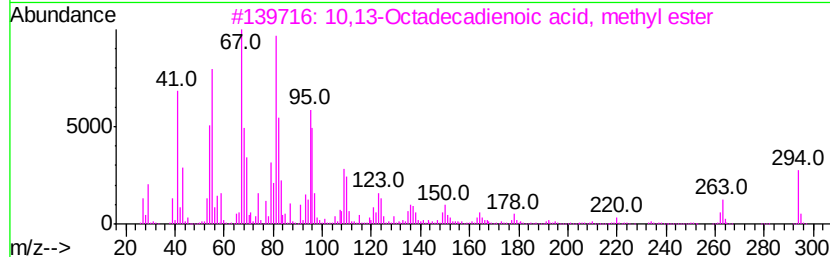
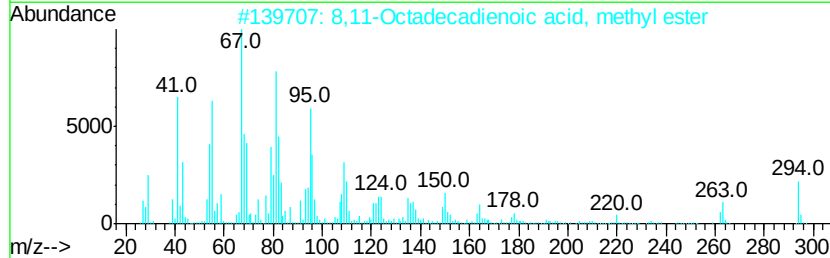
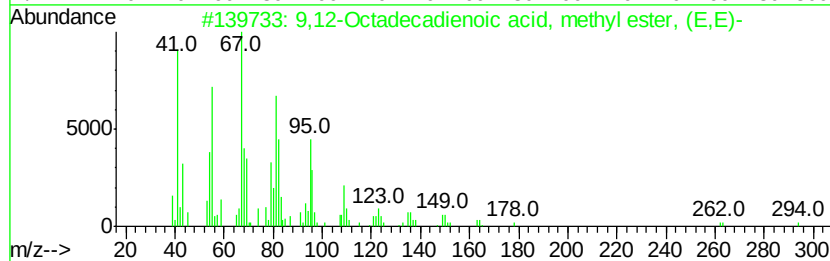
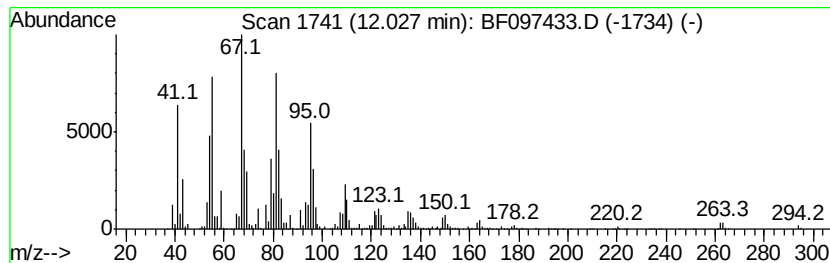
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	327.30 ng	8708420	Phenanthrene-d10	10.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
3		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99



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Misc :
ALS Vial : 9 Sample Multiplier: 1

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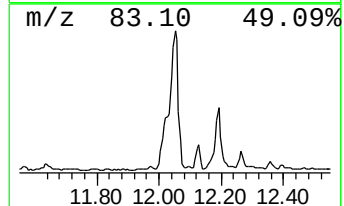
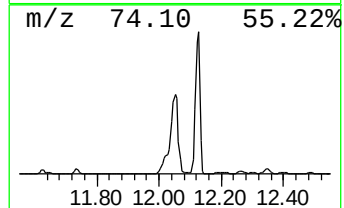
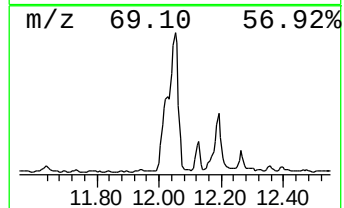
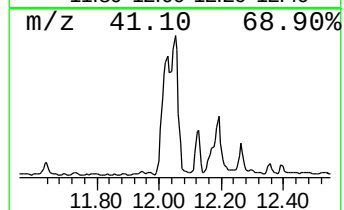
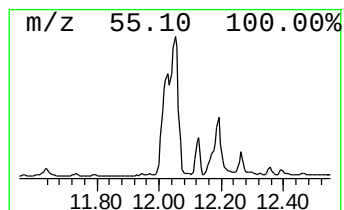
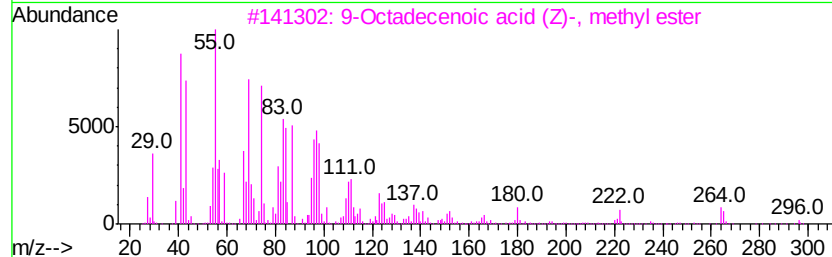
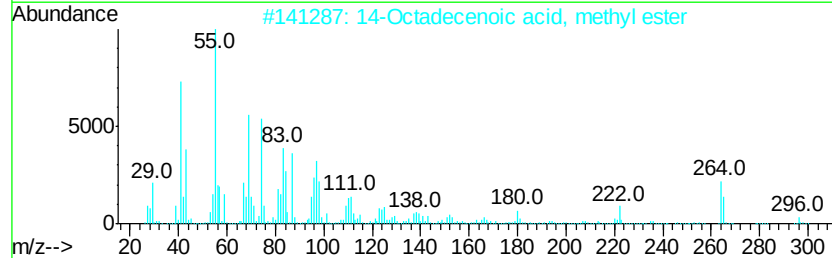
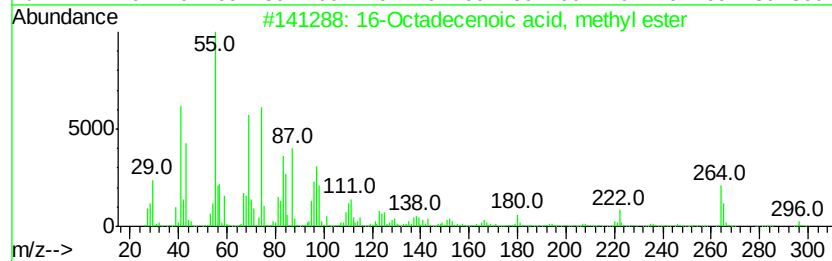
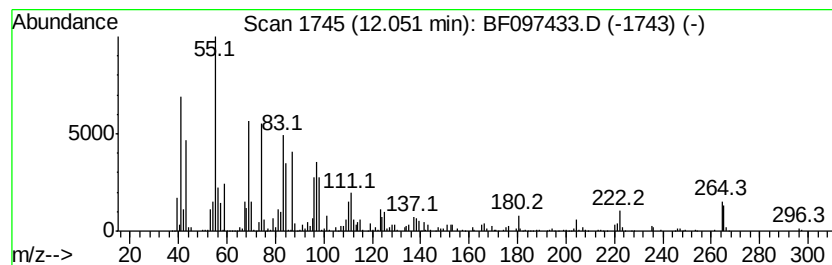
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 16-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	228.79 ng	6087420	Phenanthrene-d10	10.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
2		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	96
3		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
4		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	91
5		9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097433.D
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Sample : I4639-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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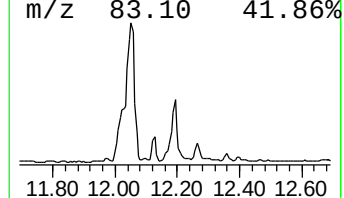
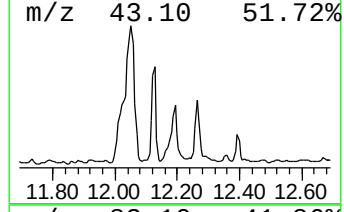
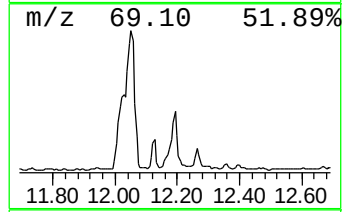
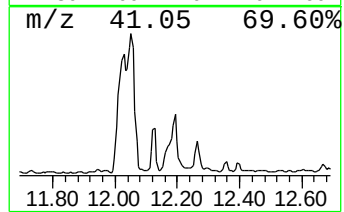
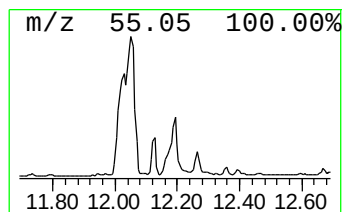
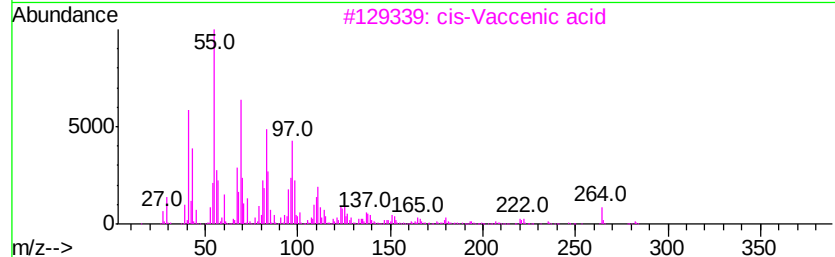
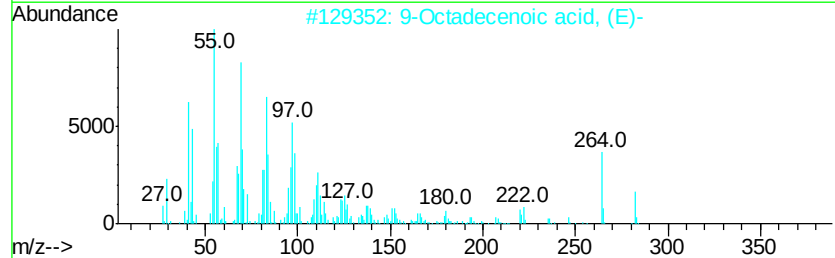
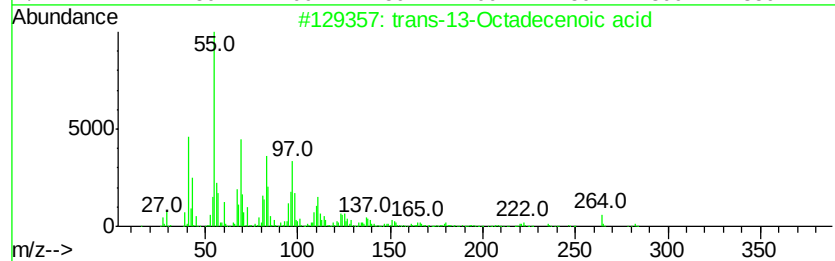
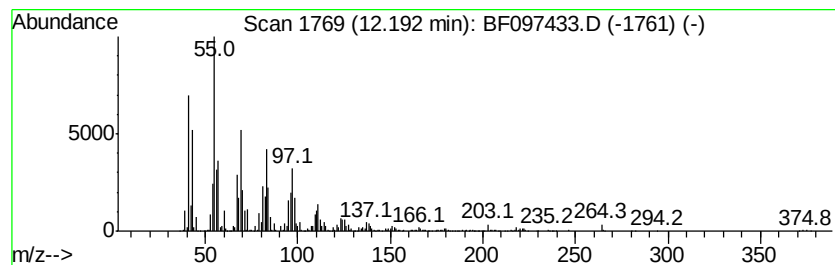
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 trans-13-Octadecenoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	127.36 ng	3388730	Phenanthrene-d10	10.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	97
2		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	92
3		cis-Vaccenic acid	282	C18H34O2	000506-17-2	91
4		cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	91
5		9-octadecanoic acid, 2,2,3,3,4,4...	464	C22H35F7O2	1000376-61-4	91



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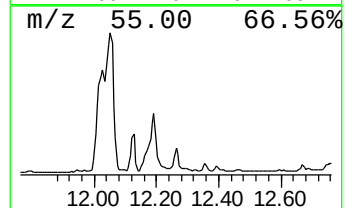
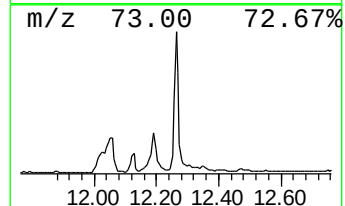
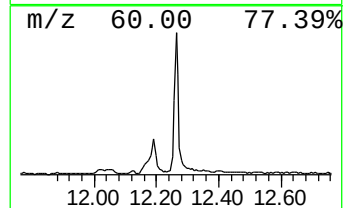
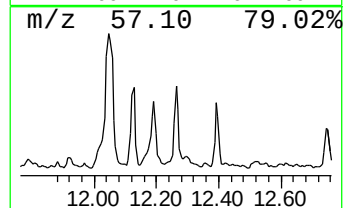
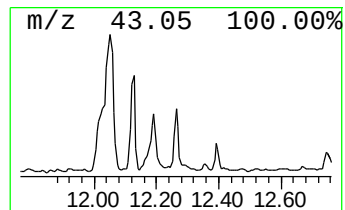
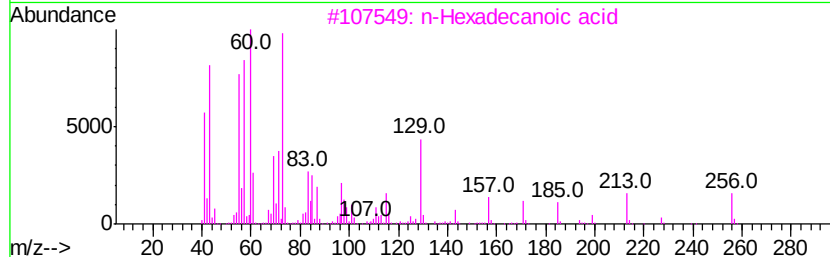
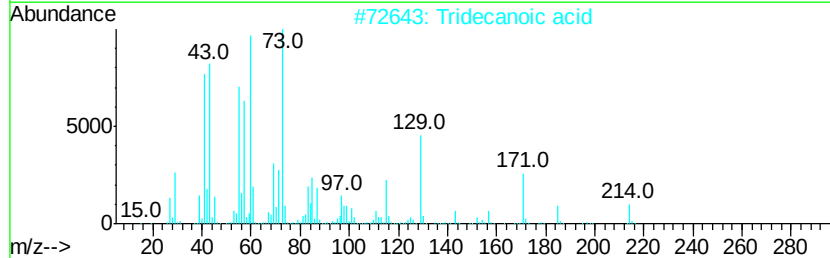
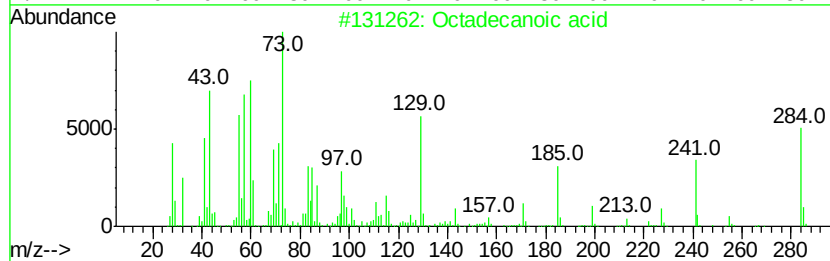
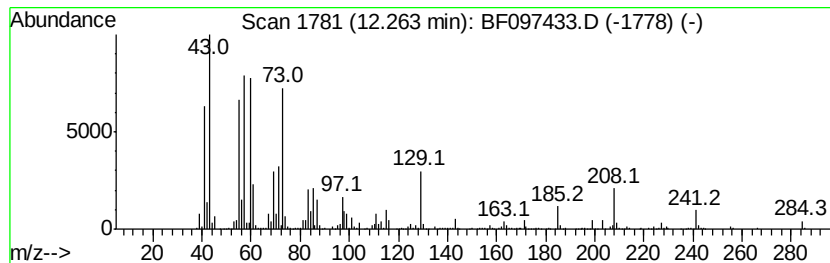
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	15.25 ng	1054480	Chrysene-d12	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	76
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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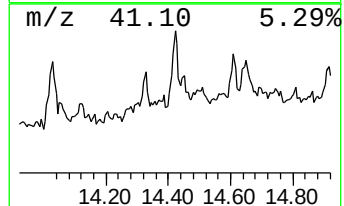
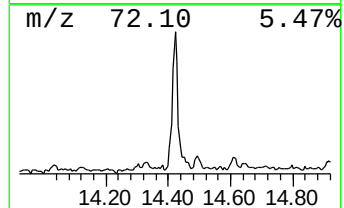
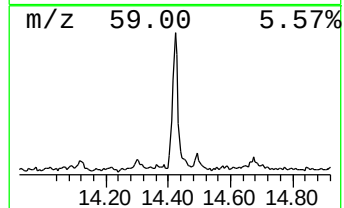
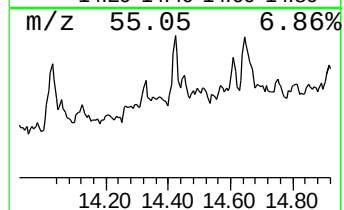
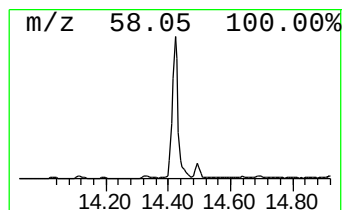
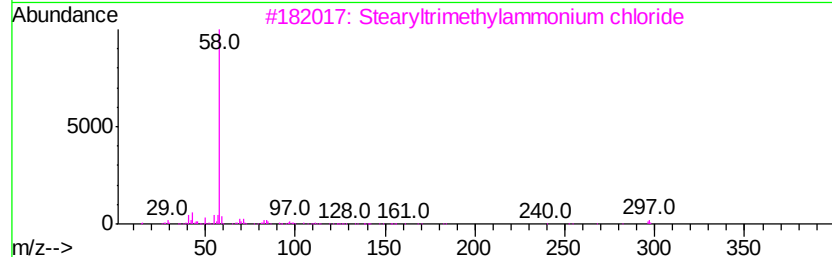
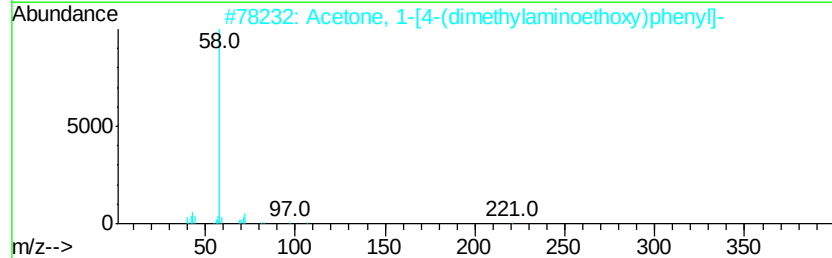
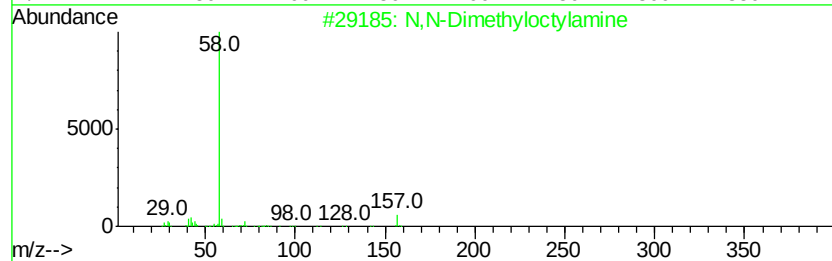
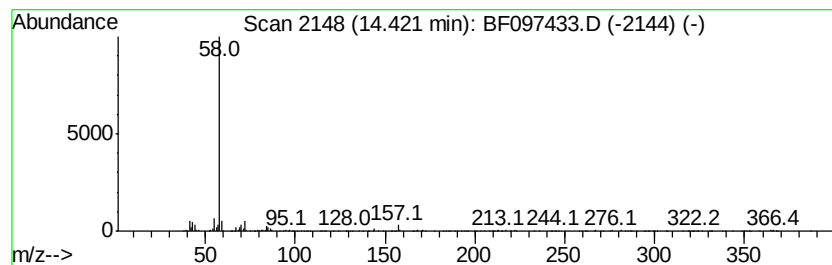
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 N,N-Dimethyloctylamine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	29.21 ng	533602	Perylene-d12	14.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	80
2		Acetone, 1-[4-(dimethylaminoetho...	221	C13H19NO2	086608-11-9	64
3		Stearyltrimethylammonium chloride	347	C21H46ClN	000112-03-8	64
4		Octadecylbenzyltrimethylammonium ...	423	C27H50ClN	000122-19-0	64
5		3-Buten-1-amine, N,N-dimethyl-	99	C6H13N	055831-89-5	64



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Misc :
ALS Vial : 9 Sample Multiplier: 1

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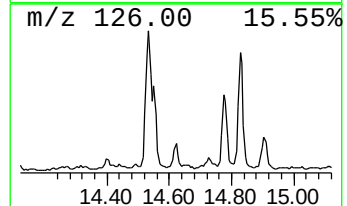
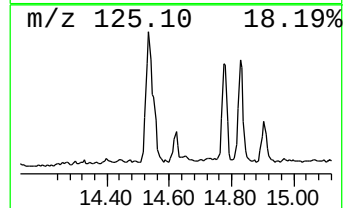
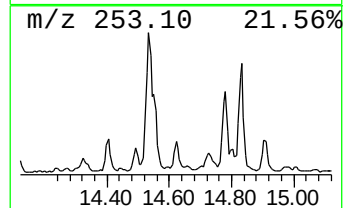
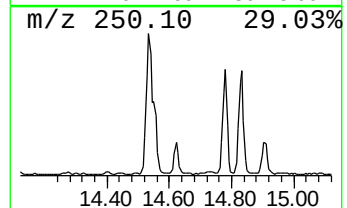
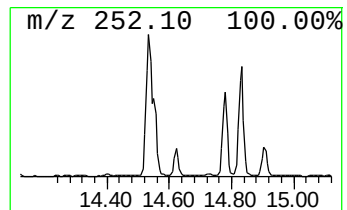
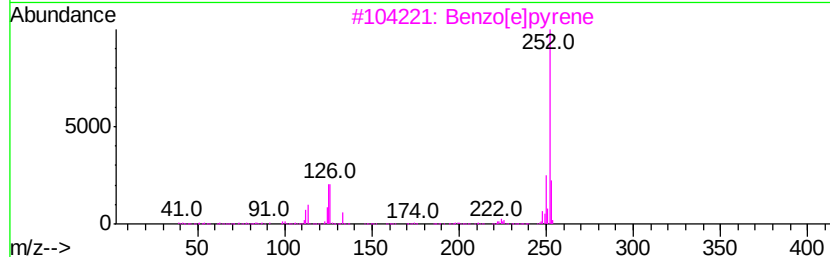
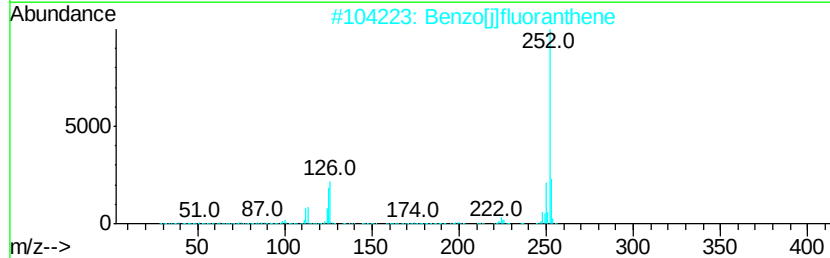
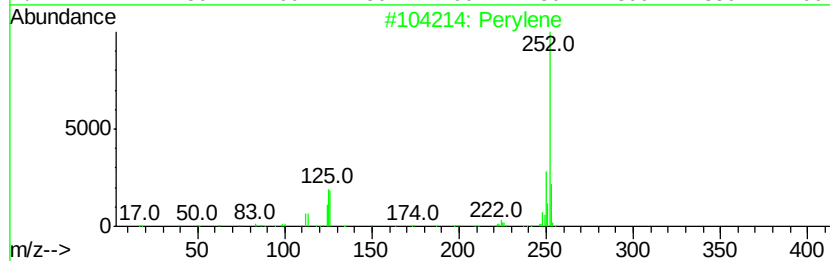
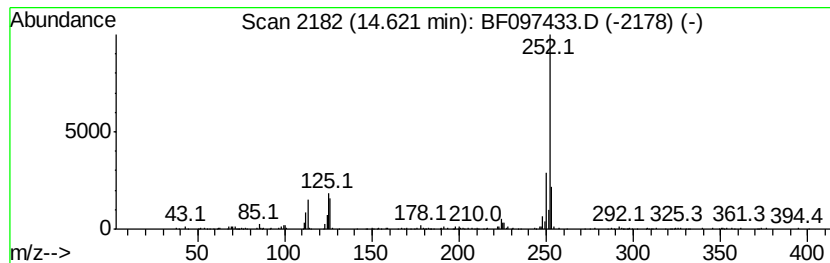
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Perylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	13.20 ng	241125	Perylene-d12	14.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	97
2		Benzo[il]fluoranthene	252	C20H12	000205-82-3	93
3		Benzo[el]pyrene	252	C20H12	000192-97-2	93
4		Benzo[kl]fluoranthene	252	C20H12	000207-08-9	93
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097433.D
Acq On : 7 Aug 2017 17:06
Operator : SJ/JU
Sample : I4639-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SA-06-080317-A

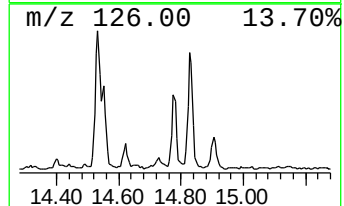
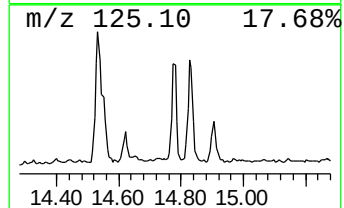
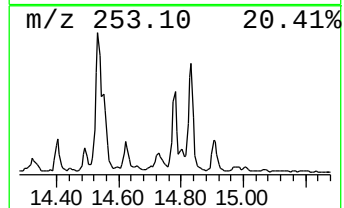
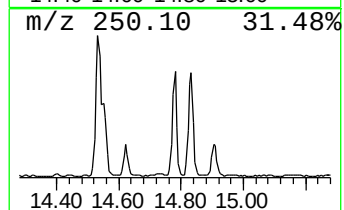
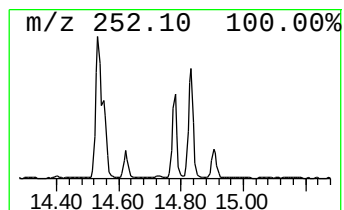
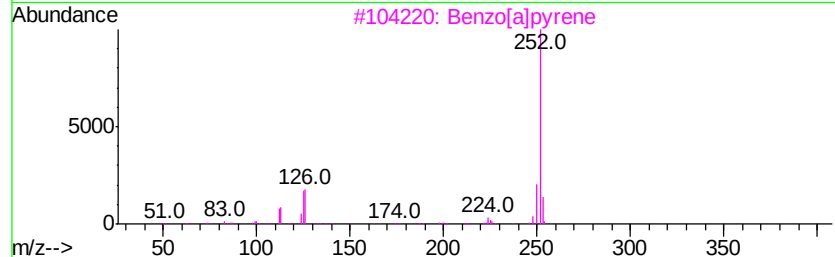
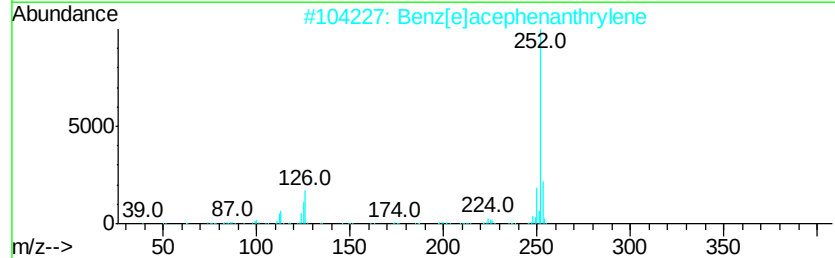
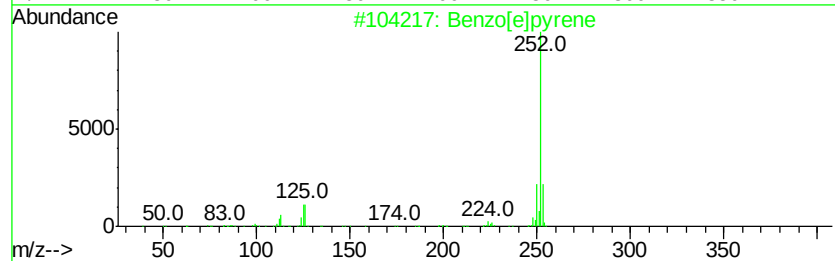
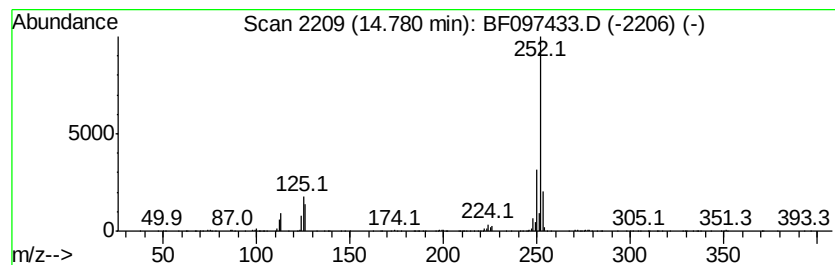
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	23.04 ng	420936	Perylene-d12	14.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	97
3		Benzo[a]pyrene	252	C20H12	000050-32-8	95
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5		Perylene	252	C20H12	000198-55-0	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080717\
 Data File : BF097433.D
 Acq On : 7 Aug 2017 17:06
 Operator : SJ/JU
 Sample : I4639-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-080317-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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
unknown6.19	6.19	67.9	ng	2072040	1	6.41	610663	20.0
Hexadecane	8.87	12.8	ng	478991	3	9.44	748115	20.0
Pentadecane	9.89	19.6	ng	733309	3	9.44	748115	20.0
Tridecane, 2-methyl-	10.81	24.5	ng	652426	4	10.91	532133	20.0
Heptacosane	10.84	13.9	ng	370291	4	10.91	532133	20.0
Tetradecane	11.23	22.7	ng	603082	4	10.91	532133	20.0
Hexadecanoic acid...	11.34	148.4	ng	3948710	4	10.91	532133	20.0
Anthracene, 2-met...	11.41	13.1	ng	348886	4	10.91	532133	20.0
Tridecanoic acid	11.49	36.9	ng	982850	4	10.91	532133	20.0
4H-Cyclopenta[def...	11.52	19.5	ng	519680	4	10.91	532133	20.0
3-Methyl-4-(metho...	11.64	30.6	ng	813336	4	10.91	532133	20.0
9,12-Octadecadien...	12.03	327.3	ng	8708420	4	10.91	532133	20.0
16-Octadecenoic a...	12.05	228.8	ng	6087420	4	10.91	532133	20.0
trans-13-Octadece...	12.19	127.4	ng	3388730	4	10.91	532133	20.0
Octadecanoic acid	12.26	15.3	ng	1054480	5	13.54	1382690	20.0
N,N-Dimethyloctyl...	14.42	29.2	ng	533602	6	14.88	365351	20.0
Perylene	14.62	13.2	ng	241125	6	14.88	365351	20.0
Benzo[e]pyrene	14.78	23.0	ng	420936	6	14.88	365351	20.0