

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099880.D
 Acq On : 27 Oct 2017 16:33
 Operator : SJ/JU
 Sample : I6112-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4-MARION26KV-(2-3)

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	3.816	290	294	302	rBV	37679	58153	2.36%	0.196%
2	4.399	388	393	403	rBV2	18383	40121	1.63%	0.135%
3	5.010	494	497	512	rVB	221164	347450	14.12%	1.169%
4	5.369	555	558	563	rBV	74799	96064	3.90%	0.323%
5	5.416	563	566	584	rVB	1705025	1817828	73.86%	6.114%
6	5.634	599	603	608	rVB	53900	53531	2.17%	0.180%
7	6.445	736	741	758	rBV	1711143	2039382	82.86%	6.859%
8	6.569	758	762	767	rVV	2220113	1999076	81.22%	6.724%
9	6.616	767	770	773	rVB	78154	66287	2.69%	0.223%
10	6.793	797	800	807	rBV	654547	556175	22.60%	1.871%
11	6.951	823	827	836	rVB	1820236	1643666	66.78%	5.528%
12	7.363	893	897	907	rBV	1254817	1317465	53.53%	4.431%
13	8.045	1010	1013	1015	rBV	46771	39181	1.59%	0.132%
14	8.075	1015	1018	1021	rVV	913543	791724	32.17%	2.663%
15	8.098	1021	1022	1025	rVB	172683	100236	4.07%	0.337%
16	8.487	1085	1088	1093	rBV	49500	52074	2.12%	0.175%
17	8.639	1110	1114	1116	rBV	190243	189618	7.70%	0.638%
18	8.657	1116	1117	1120	rVB	60759	36642	1.49%	0.123%
19	8.792	1137	1140	1146	rVB	131821	118142	4.80%	0.397%
20	8.892	1152	1157	1160	rBV	90679	89443	3.63%	0.301%
21	9.157	1196	1202	1205	rBV	2699377	2461263	100.00%	8.278%
22	9.228	1209	1214	1217	rBV	61560	61184	2.49%	0.206%
23	9.422	1244	1247	1251	rBV2	37813	51348	2.09%	0.173%
24	9.492	1255	1259	1262	rVV	69243	79502	3.23%	0.267%
25	9.522	1262	1264	1266	rVV	58492	59675	2.42%	0.201%
26	9.557	1266	1270	1276	rVB	795339	771550	31.35%	2.595%
27	9.616	1276	1280	1281	rBV2	37706	40516	1.65%	0.136%
28	9.634	1281	1283	1288	rVB4	27932	37918	1.54%	0.128%
29	9.757	1301	1304	1306	rVV	61840	50659	2.06%	0.170%
30	9.839	1306	1318	1321	rVV	940071	925172	37.59%	3.112%
31	9.869	1321	1323	1326	rVV2	45784	47058	1.91%	0.158%
32	10.045	1349	1353	1356	rVV2	60371	65634	2.67%	0.221%
33	10.081	1356	1359	1362	rVB2	46033	45874	1.86%	0.154%
34	10.151	1367	1371	1374	rBV2	38948	42386	1.72%	0.143%

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35	10.181	1374	1376	1381	rVB	37305	42781	1.74%	0.144%
36	10.257	1386	1389	1392	rVB2	73145	74659	3.03%	0.251%
37	10.381	1405	1410	1417	rBV4	42887	79563	3.23%	0.268%
38	10.557	1435	1440	1443	rVB	845898	816092	33.16%	2.745%
39	10.639	1449	1454	1459	rBV	1231272	1294179	52.58%	4.353%
40	10.739	1466	1471	1479	rVB2	123682	184821	7.51%	0.622%
41	10.916	1498	1501	1503	rBV2	49867	50099	2.04%	0.169%
42	11.069	1521	1527	1528	rBV3	37273	49092	1.99%	0.165%
43	11.145	1536	1540	1543	rBV3	31461	42738	1.74%	0.144%
44	11.180	1543	1546	1549	rVV2	76288	82400	3.35%	0.277%
45	11.228	1552	1554	1558	rVB2	37695	36899	1.50%	0.124%
46	11.333	1568	1572	1574	rBV	939501	875180	35.56%	2.944%
47	11.357	1574	1576	1580	rVB	365698	294967	11.98%	0.992%
48	11.410	1582	1585	1587	rBV	66046	48828	1.98%	0.164%
49	11.575	1608	1613	1616	rBV2	49298	67483	2.74%	0.227%
50	11.604	1616	1618	1620	rVB	59895	43205	1.76%	0.145%
51	11.833	1654	1657	1658	rBV	112036	87777	3.57%	0.295%
52	11.851	1658	1660	1666	rVB2	250223	345713	14.05%	1.163%
53	11.945	1673	1676	1678	rBV2	118355	114909	4.67%	0.386%
54	11.969	1678	1680	1683	rVB	65539	52754	2.14%	0.177%
55	12.010	1685	1687	1692	rBV3	51972	56730	2.30%	0.191%
56	12.127	1704	1707	1711	rBV	78443	79514	3.23%	0.267%
57	12.275	1727	1732	1736	rBV	50885	74090	3.01%	0.249%
58	12.310	1736	1738	1740	rVB	56594	38867	1.58%	0.131%
59	12.339	1740	1743	1745	rVB	37231	34575	1.40%	0.116%
60	12.386	1747	1751	1753	rBV	106412	119363	4.85%	0.401%
61	12.469	1763	1765	1774	rVB3	41597	82382	3.35%	0.277%
62	12.551	1775	1779	1783	rBV	612583	531992	21.61%	1.789%
63	12.639	1791	1794	1801	rVB4	129741	171268	6.96%	0.576%
64	12.780	1815	1818	1823	rVV	564413	535712	21.77%	1.802%
65	12.833	1823	1827	1830	rVB	62841	69637	2.83%	0.234%
66	12.922	1837	1842	1845	rBV	1940314	1995944	81.09%	6.713%
67	12.998	1851	1855	1861	rBV4	45048	82846	3.37%	0.279%
68	13.110	1871	1874	1876	rVV	84653	65191	2.65%	0.219%
69	13.174	1883	1885	1888	rBV	53263	42029	1.71%	0.141%
70	13.216	1888	1892	1900	rVB3	56999	82103	3.34%	0.276%
71	13.310	1905	1908	1911	rBV	45689	44395	1.80%	0.149%

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72	13.339	1911	1913	1920	rBV2	38768	47191	1.92%	0.159%
73	13.474	1933	1936	1939	rVB2	40937	36599	1.49%	0.123%
74	13.592	1953	1956	1959	rBV4	34467	45382	1.84%	0.153%
75	13.633	1959	1963	1965	rVB	51974	55554	2.26%	0.187%
76	13.733	1975	1980	1982	rBV2	62840	77714	3.16%	0.261%
77	13.757	1982	1984	1986	rVV	56952	47743	1.94%	0.161%
78	13.798	1986	1991	1997	rVV4	235765	302111	12.27%	1.016%
79	13.845	1997	1999	2004	rVB	47092	49033	1.99%	0.165%
80	13.986	2018	2023	2026	rBV2	693505	902005	36.65%	3.034%
81	14.010	2026	2027	2031	rVB	271078	185681	7.54%	0.625%
82	14.092	2039	2041	2044	rBV	54268	44412	1.80%	0.149%
83	14.121	2044	2046	2048	rVV2	43125	35074	1.43%	0.118%
84	14.374	2087	2089	2092	rVB	72493	55820	2.27%	0.188%
85	14.727	2143	2149	2152	rVB5	47395	72710	2.95%	0.245%
86	14.798	2159	2161	2165	rVB2	41051	41658	1.69%	0.140%
87	14.874	2171	2174	2177	rBV2	27666	36853	1.50%	0.124%
88	15.033	2197	2201	2203	rBV	286385	380183	15.45%	1.279%
89	15.057	2203	2205	2212	rVV	179636	200660	8.15%	0.675%
90	15.139	2216	2219	2225	rBV	59515	83762	3.40%	0.282%
91	15.333	2248	2252	2257	rVV	180700	199066	8.09%	0.670%
92	15.398	2260	2263	2270	rBV	237013	350654	14.25%	1.179%
93	15.463	2270	2274	2277	rVV	426627	549436	22.32%	1.848%
94	15.492	2277	2279	2285	rVB2	76377	96258	3.91%	0.324%
95	15.851	2337	2340	2344	rVB2	38783	47283	1.92%	0.159%
96	16.345	2420	2424	2431	rVB5	51624	102812	4.18%	0.346%
97	16.786	2496	2499	2503	rVB5	32535	48803	1.98%	0.164%
98	16.945	2518	2526	2534	rVB2	142319	336767	13.68%	1.133%
99	17.115	2551	2555	2560	rVB	29262	51620	2.10%	0.174%
100	17.404	2598	2604	2618	rVB	112484	266424	10.82%	0.896%

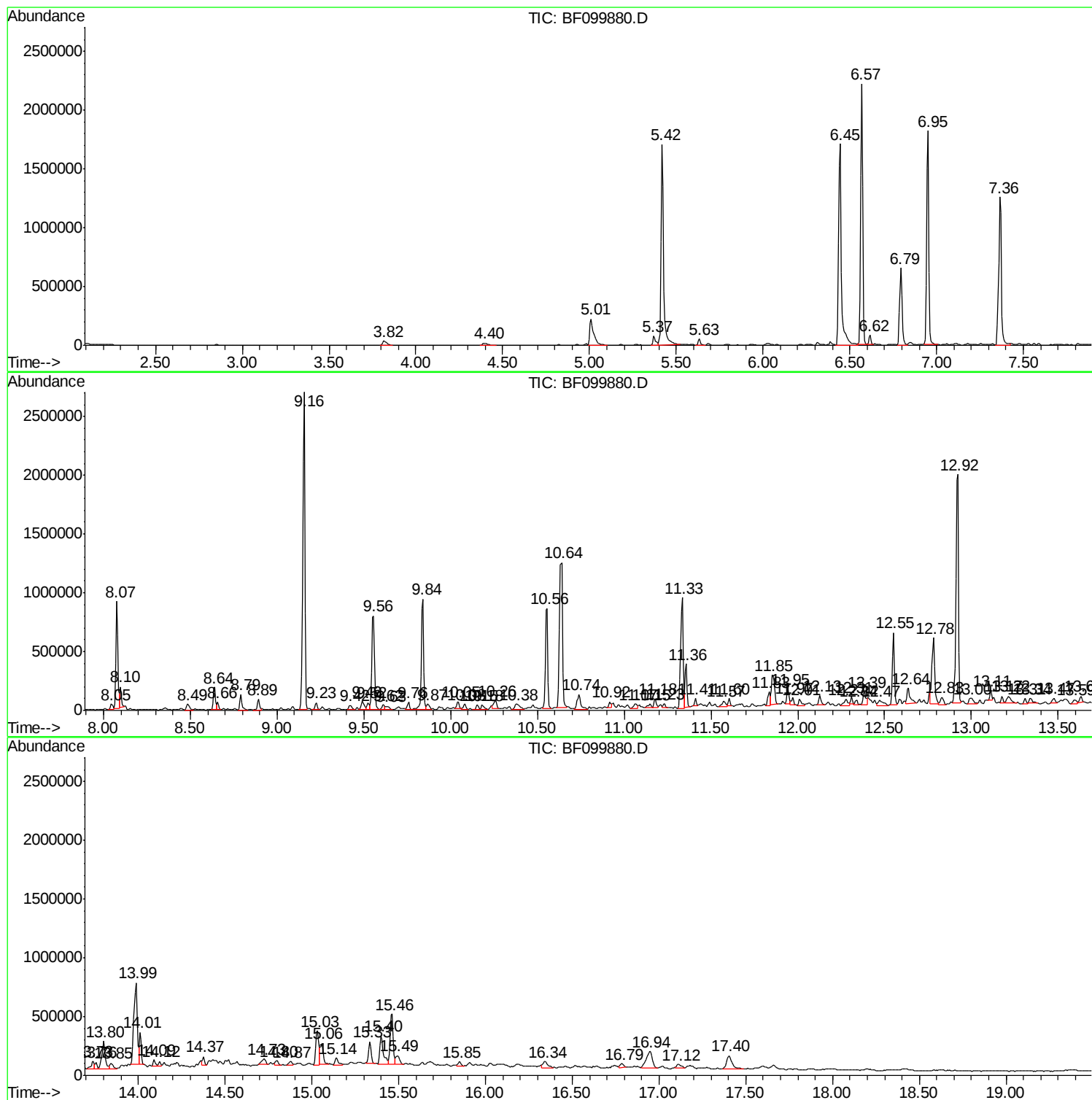
Sum of corrected areas: 29732042

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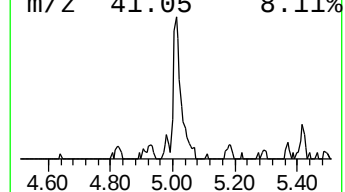
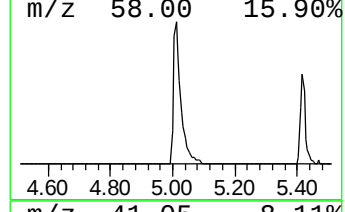
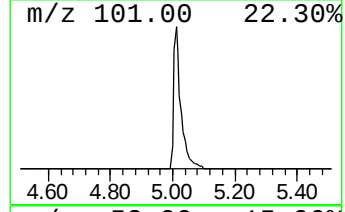
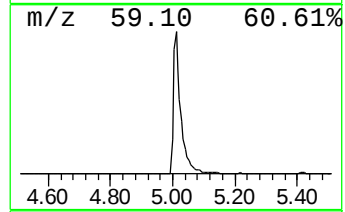
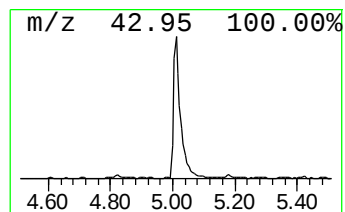
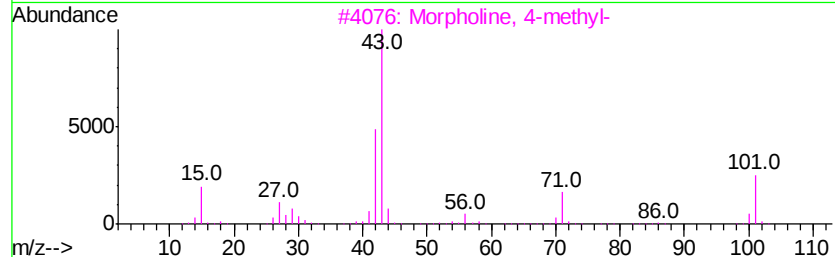
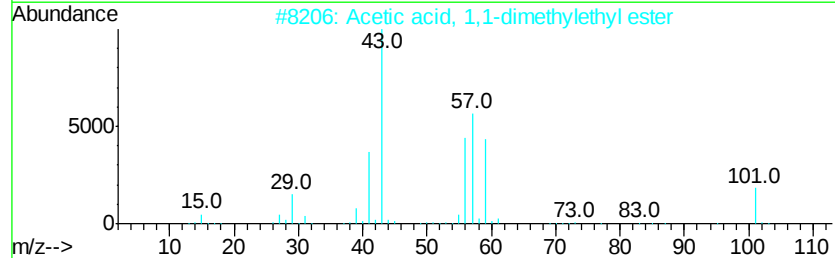
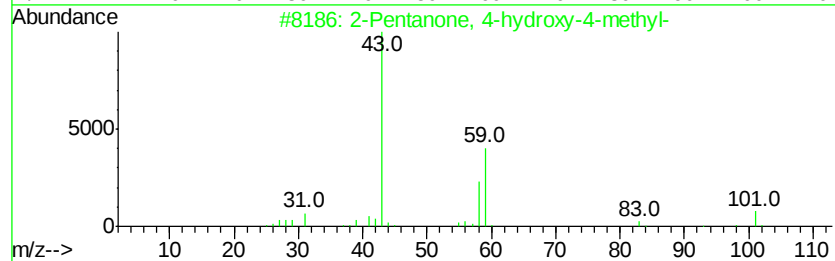
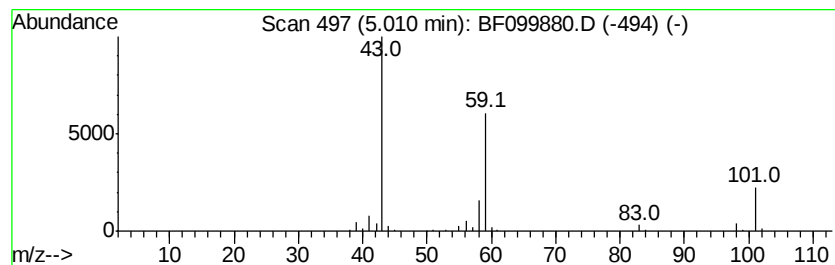
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	12.49 ng	347450	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		Guanidine	59	CH5N3	000113-00-8	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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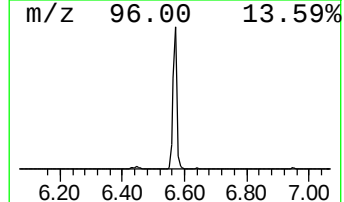
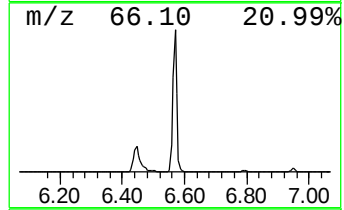
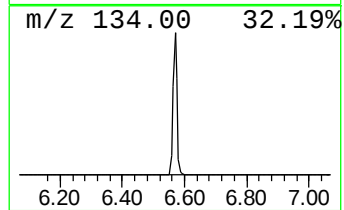
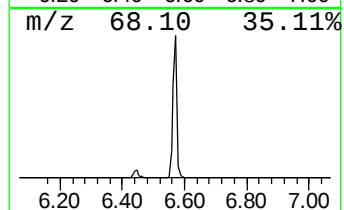
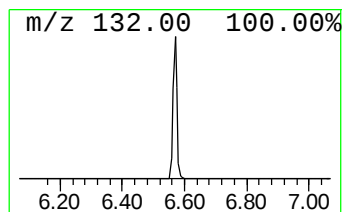
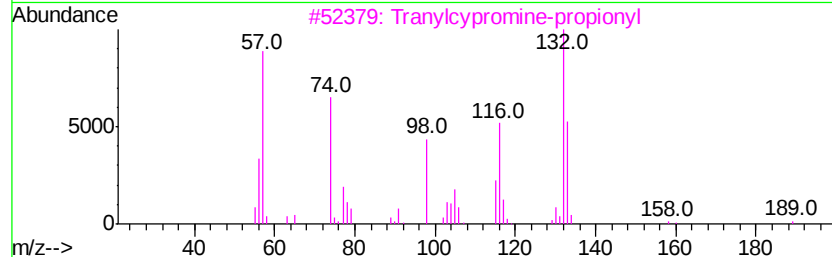
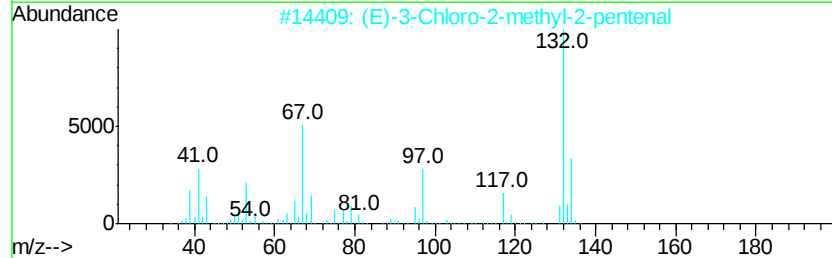
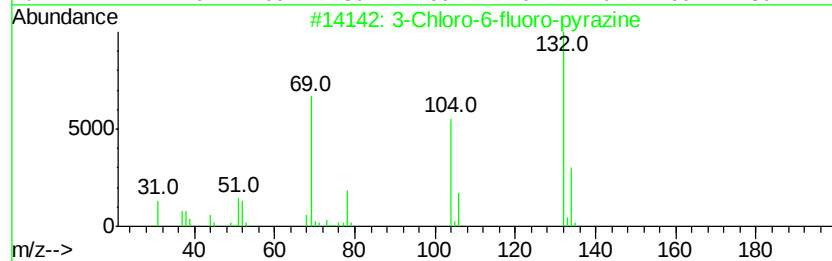
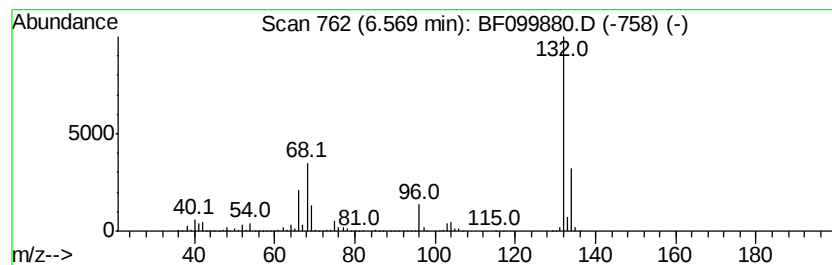
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	71.89 ng	1999080	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	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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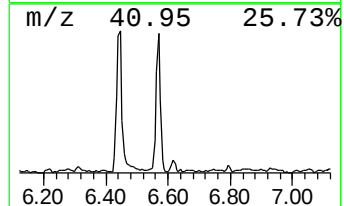
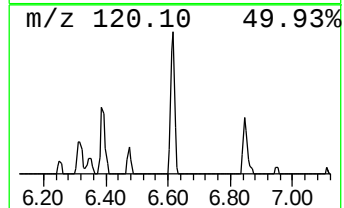
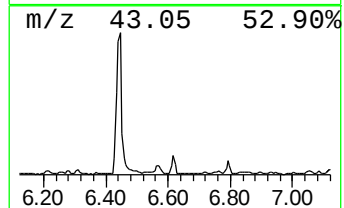
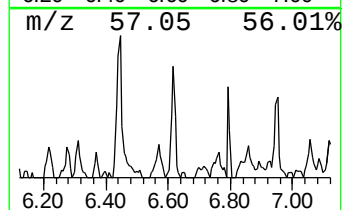
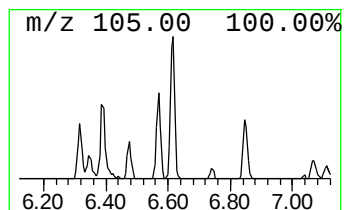
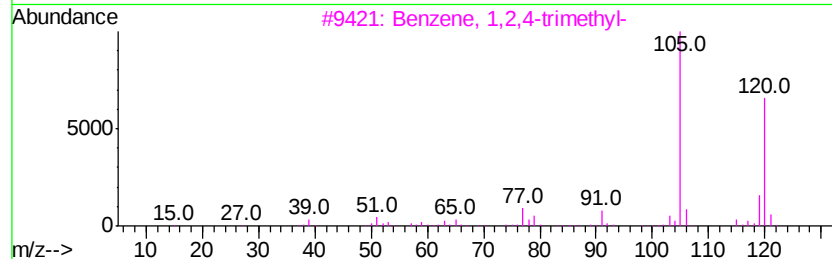
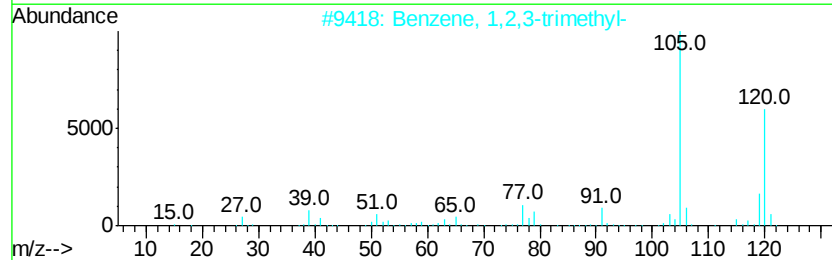
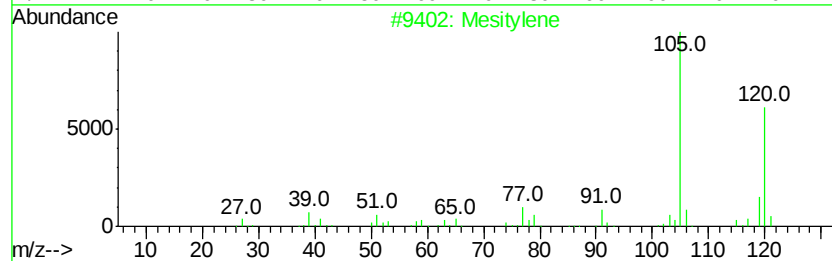
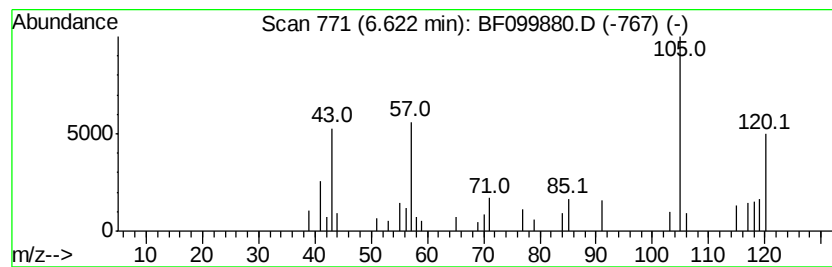
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Mesitylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	2.38 ng	66287	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylene	120	C9H12	000108-67-8	93
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099880.D
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Operator : SJ/JU
Sample : I6112-13
Misc :
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ClientSampleId :
4-MARION26KV-(2-3)

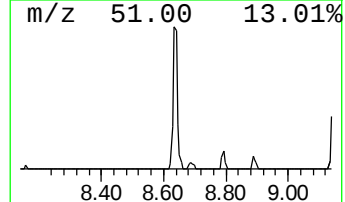
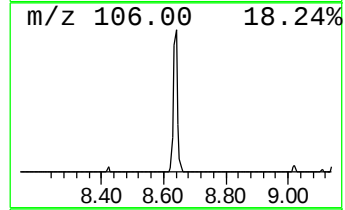
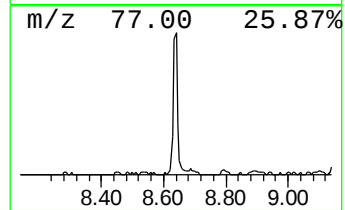
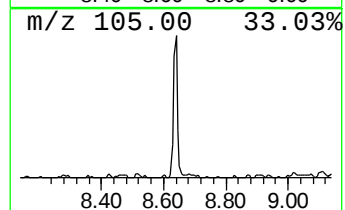
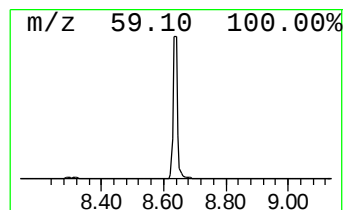
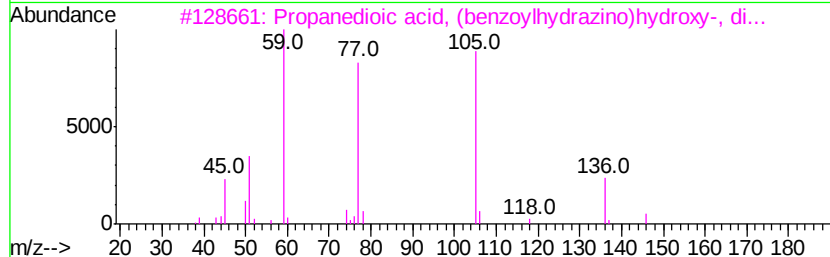
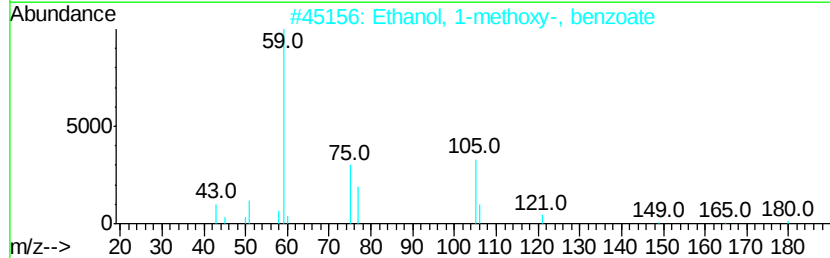
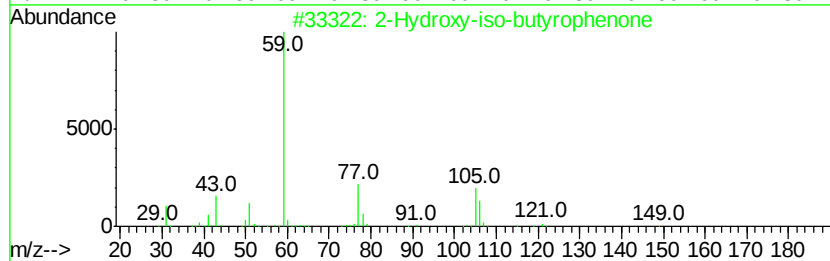
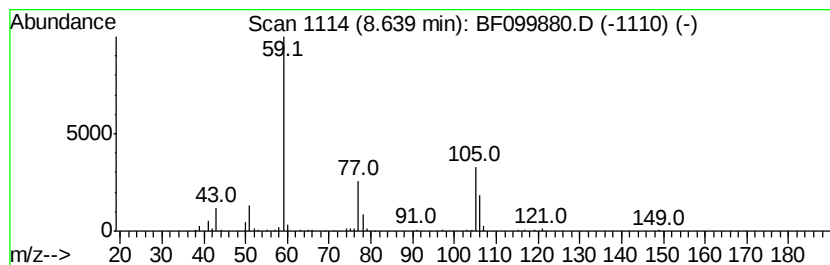
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-Hydroxy-iso-butyrophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	4.79 ng	189618	Napthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	83
2		Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	56
3		Propanedioic acid, (benzoylhydrazino)hydroxy-, di...	282	C12H14N2O6	1000142-99-9	23
4		Formamide, N-methyl-	59	C2H5NO	000123-39-7	9
5		Propionic acid, 2-isopropoxy-, m...	146	C7H14O3	1000151-15-1	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102717\
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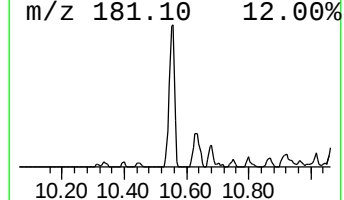
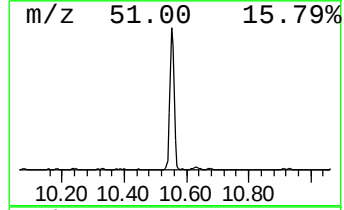
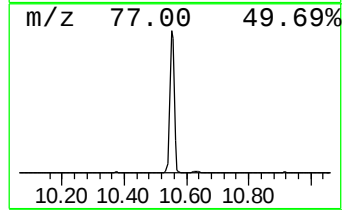
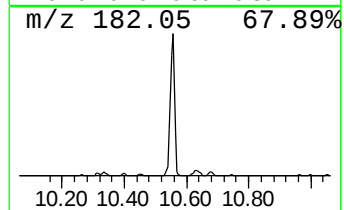
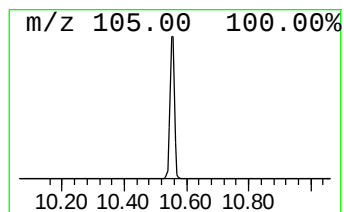
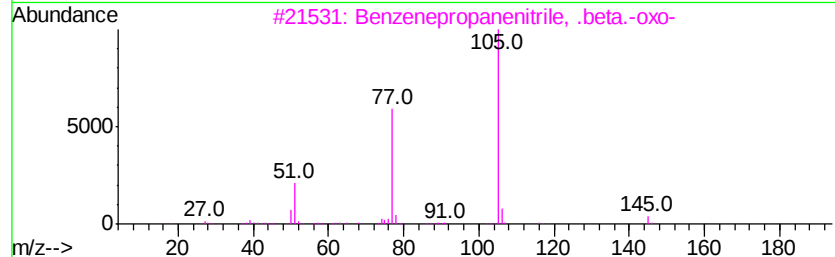
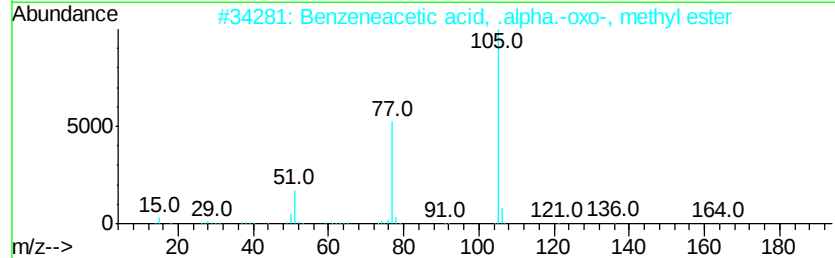
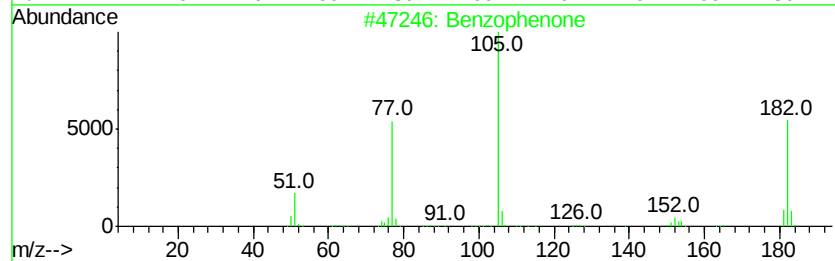
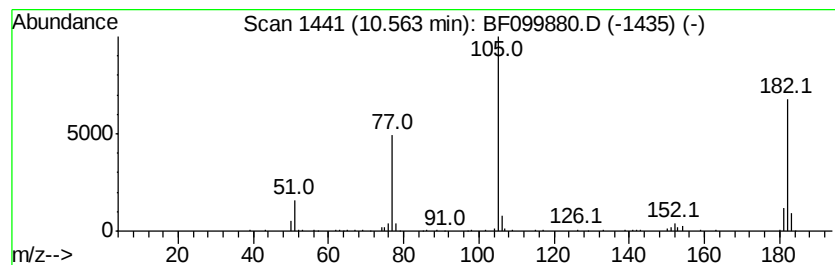
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	17.64 ng	816092	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzophenone	182	C13H10O	000119-61-9	96
2		Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	43
3		Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	43
4		1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	43
5		1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099880.D
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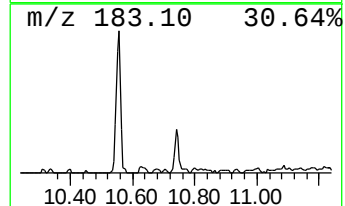
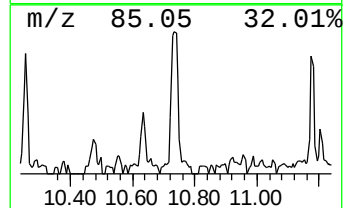
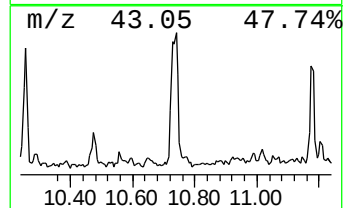
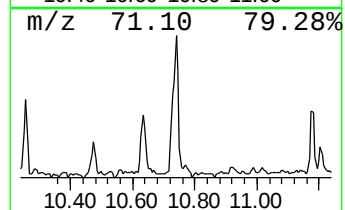
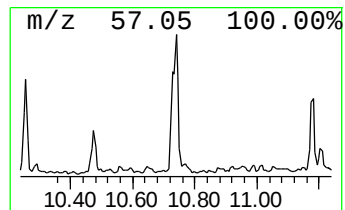
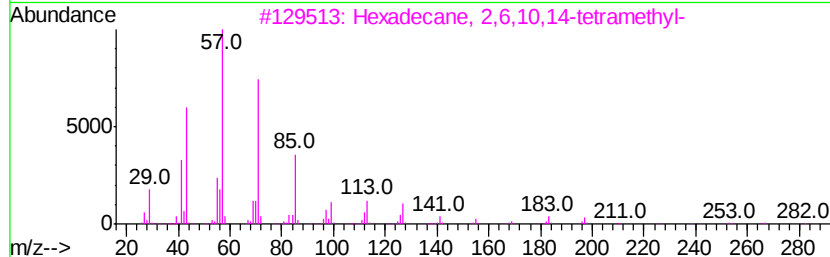
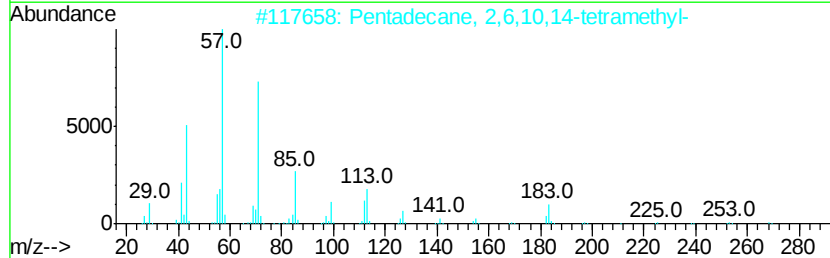
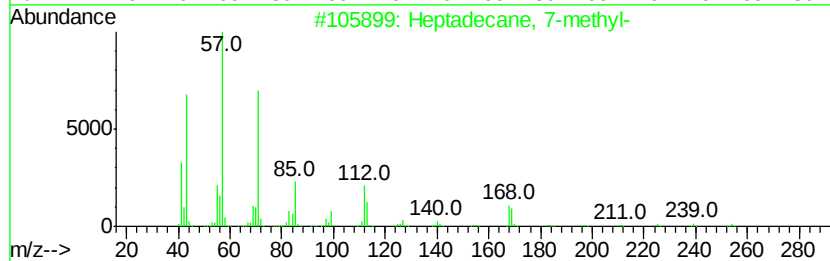
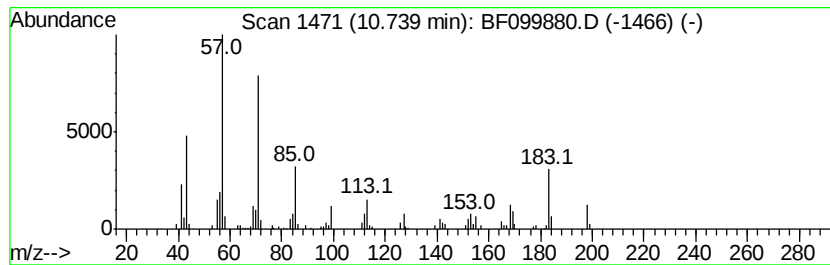
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	4.22 ng	184821	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
4		Tridecane	184	C13H28	000629-50-5	58
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102717\
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ClientSampleId :
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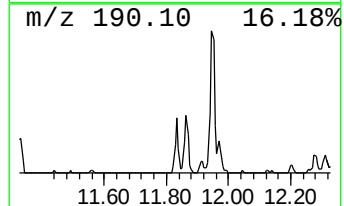
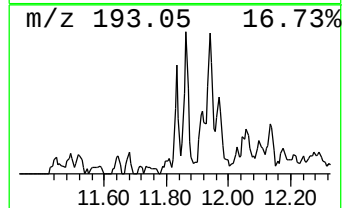
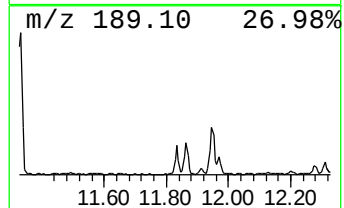
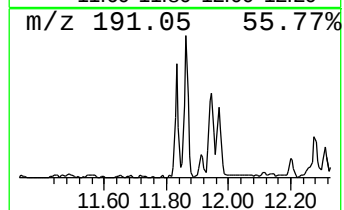
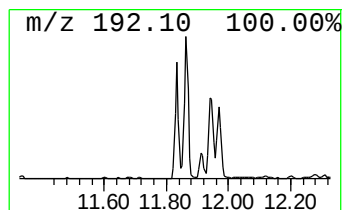
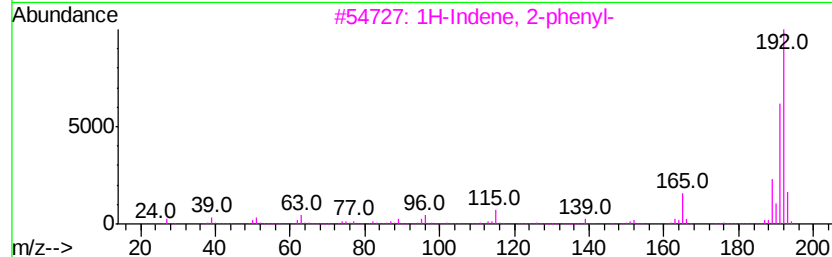
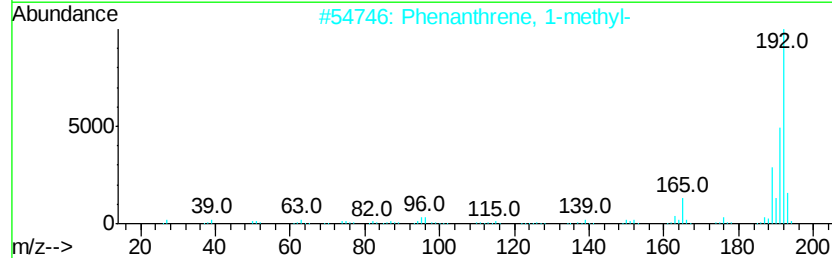
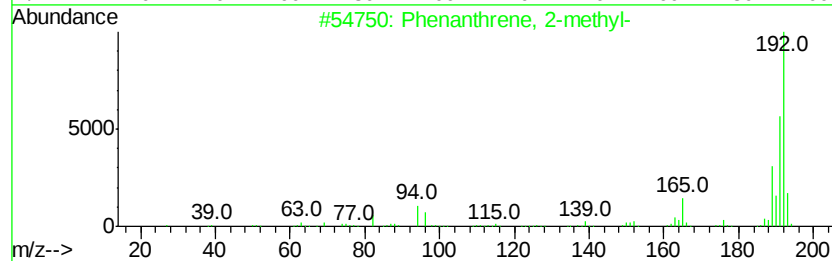
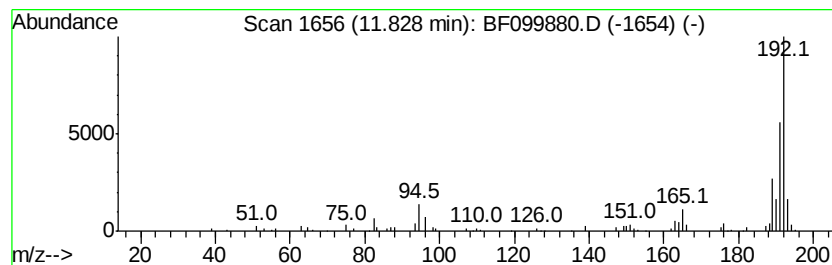
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.01 ng	87777	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102717\
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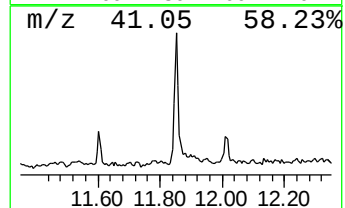
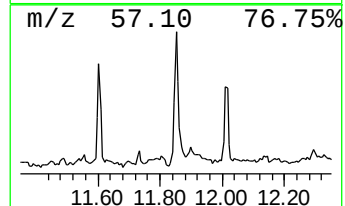
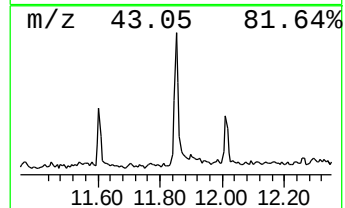
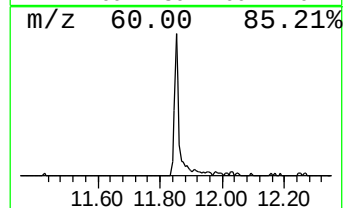
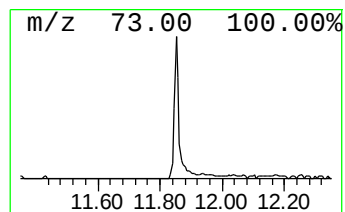
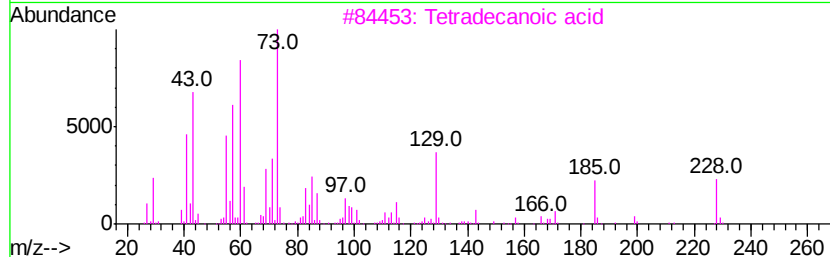
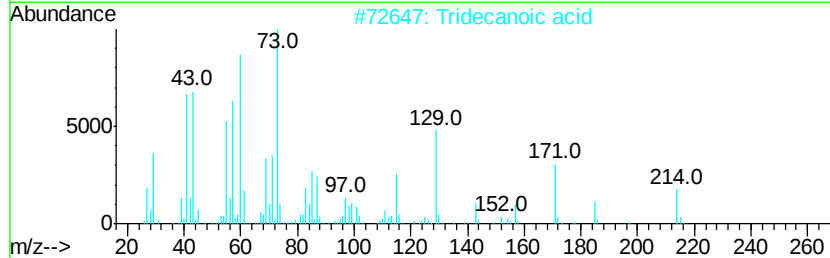
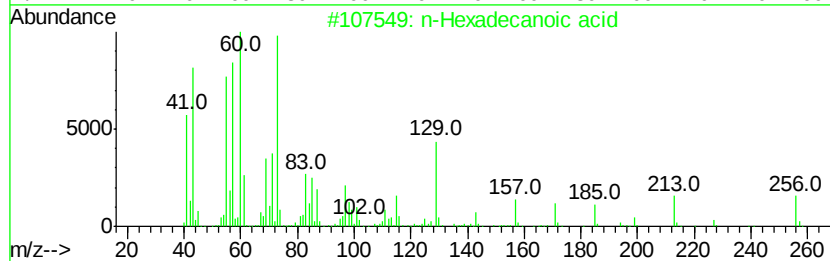
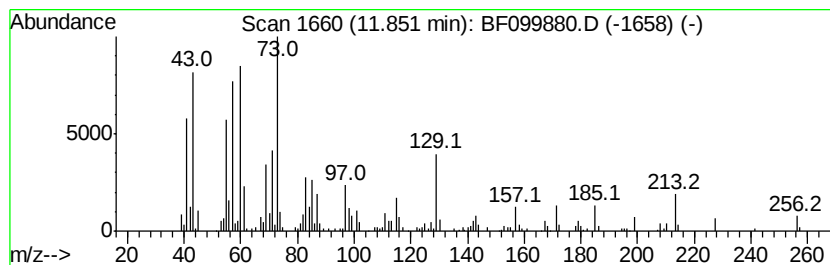
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	7.90 ng	345713	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		n-Decanoic acid	172	C10H20O2	000334-48-5	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102717\
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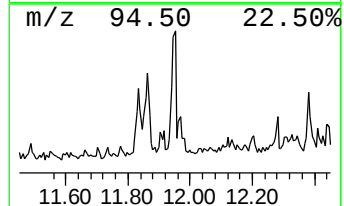
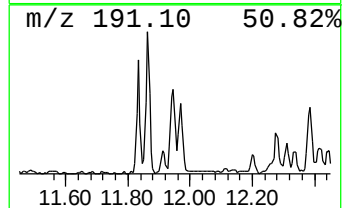
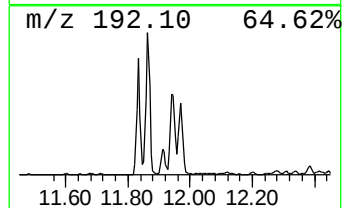
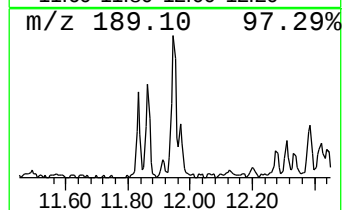
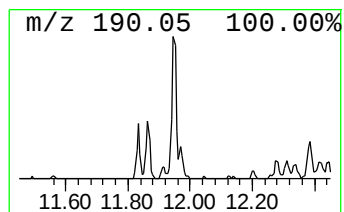
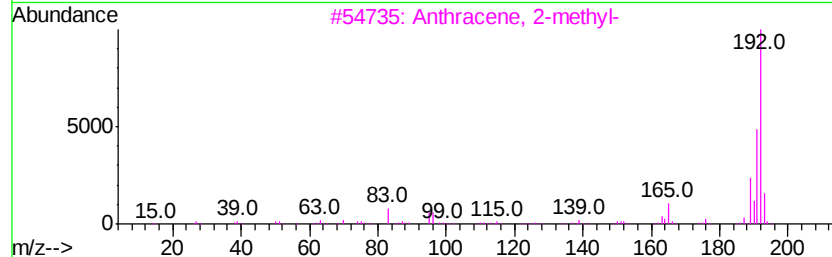
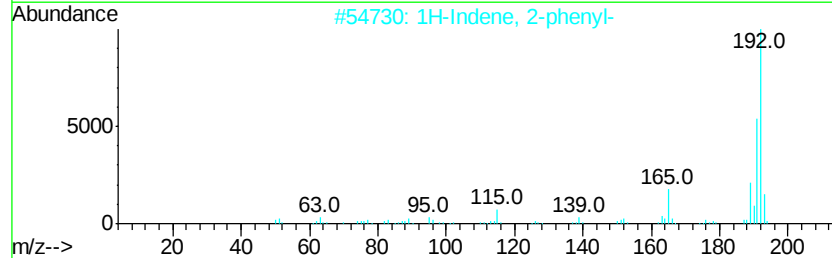
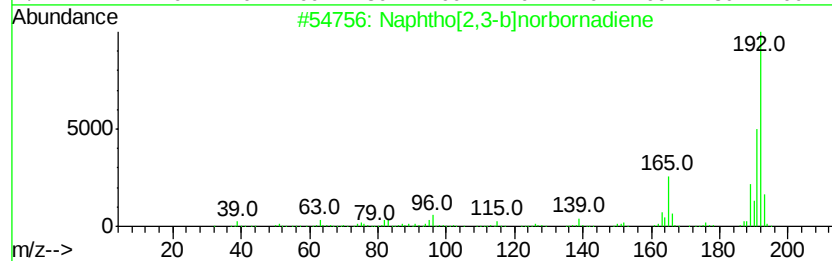
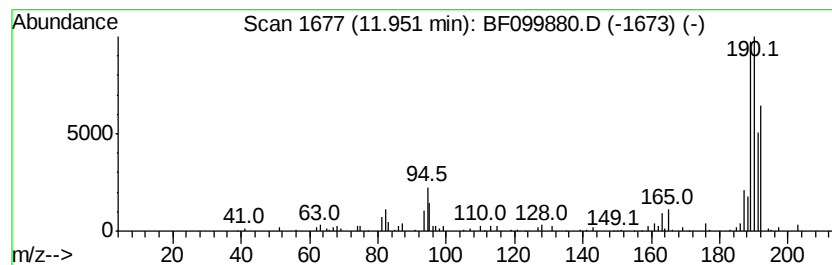
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphtho[2,3-b]norbornadiene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.63 ng	114909	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	50
2		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	50
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	49



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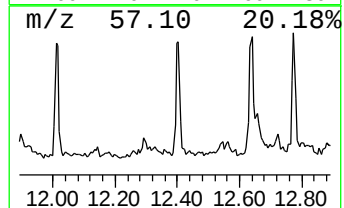
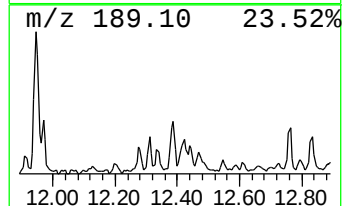
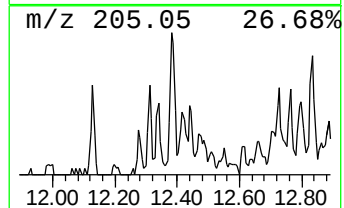
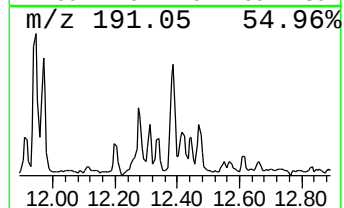
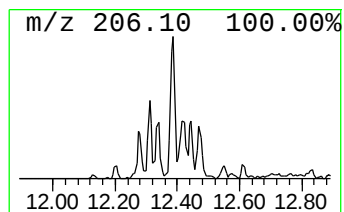
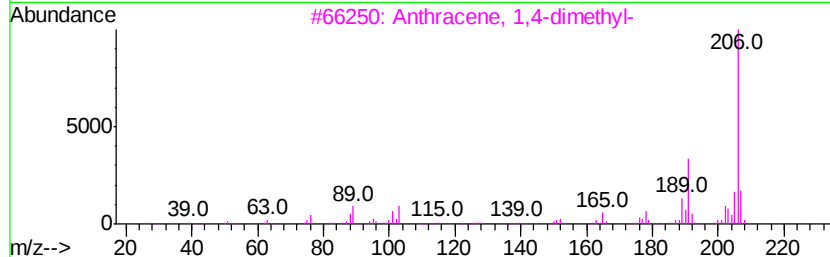
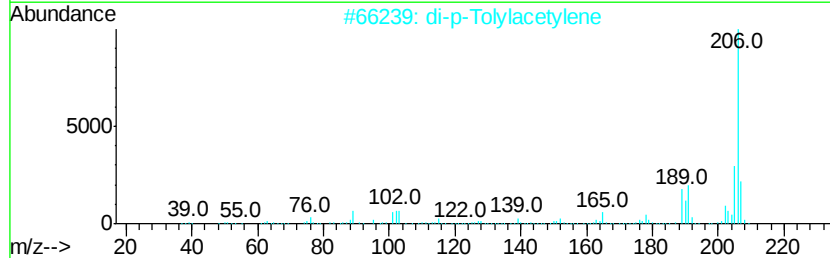
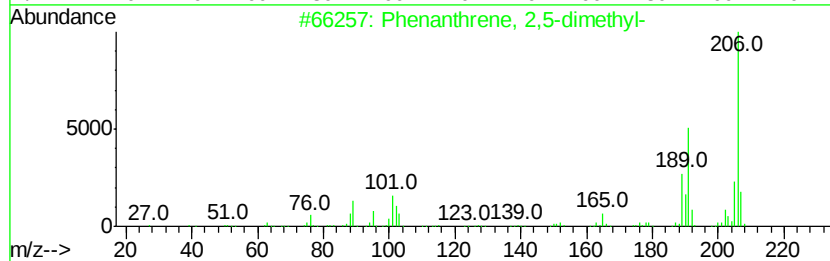
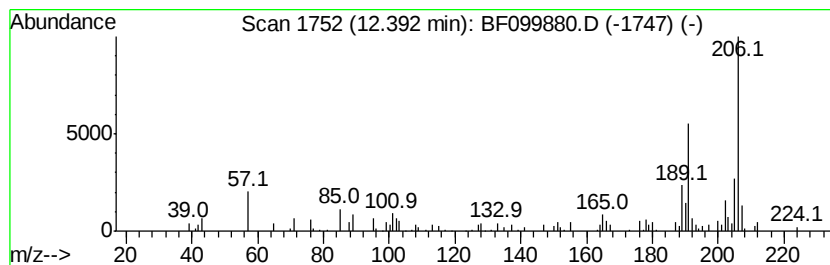
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ClientSampleId :
4-MARION26KV-(2-3)

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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 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.39	2.73 ng	119363	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	95
4	9,10-Dimethylantracene	206	C16H14	000781-43-1	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099880.D
Acq On : 27 Oct 2017 16:33
Operator : SJ/JU
Sample : I6112-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4-MARION26KV-(2-3)

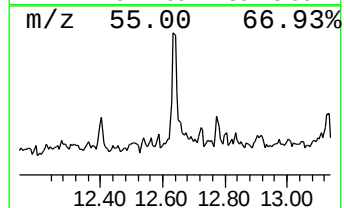
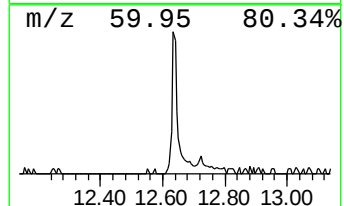
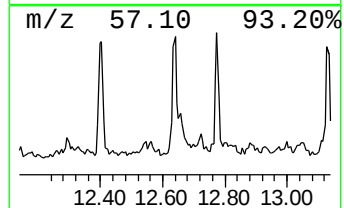
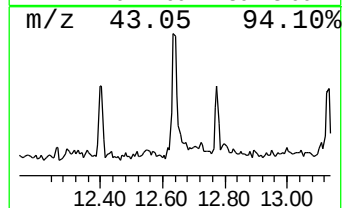
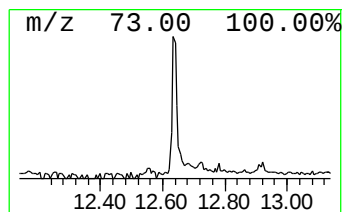
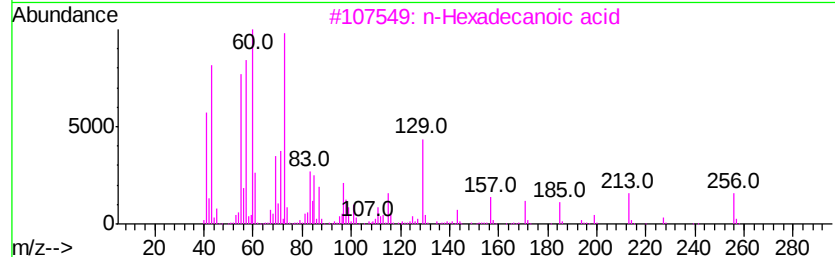
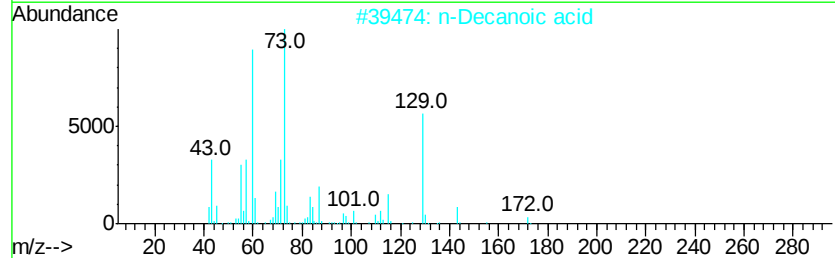
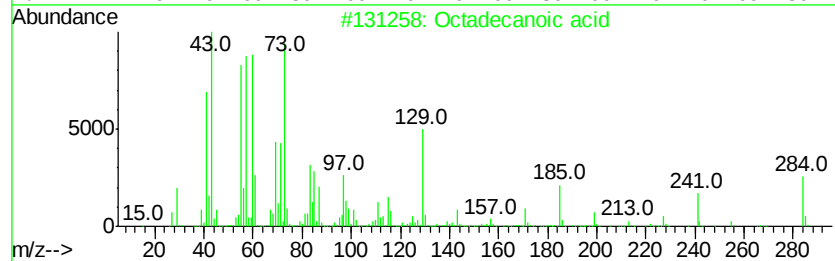
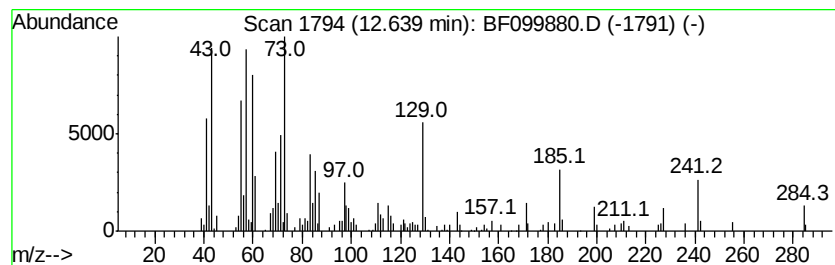
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	3.91 ng	171268	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Decanoic acid	172	C10H20O2	000334-48-5	90
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099880.D
Acq On : 27 Oct 2017 16:33
Operator : SJ/JU
Sample : I6112-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
4-MARION26KV-(2-3)

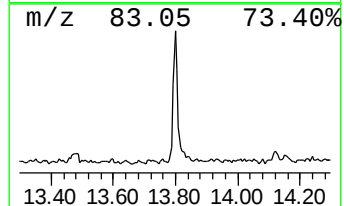
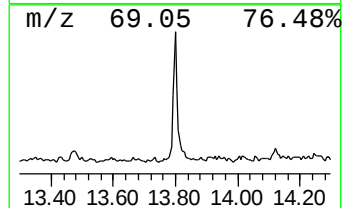
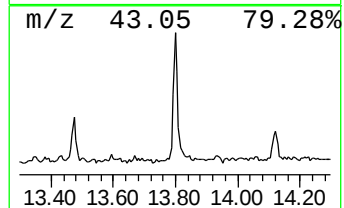
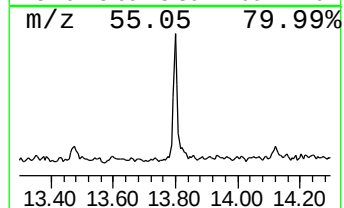
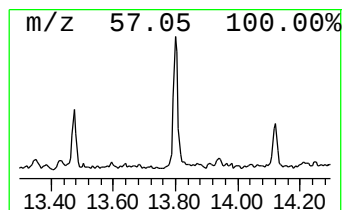
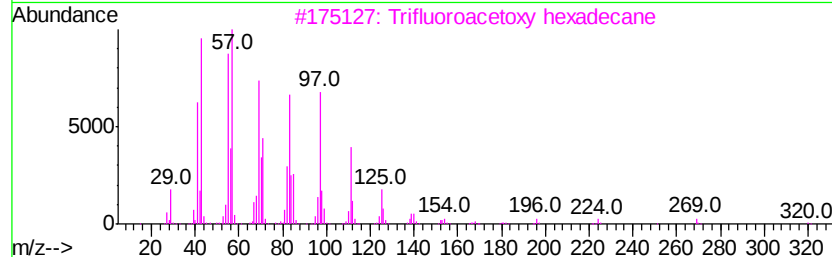
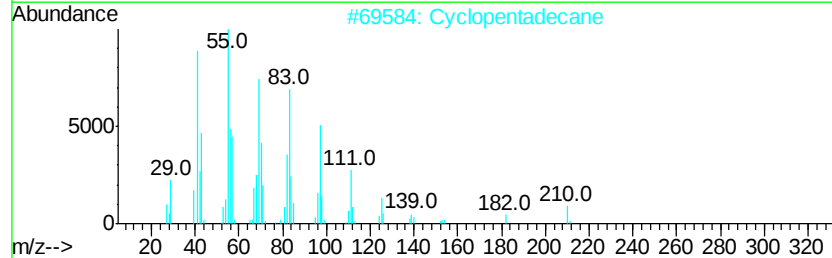
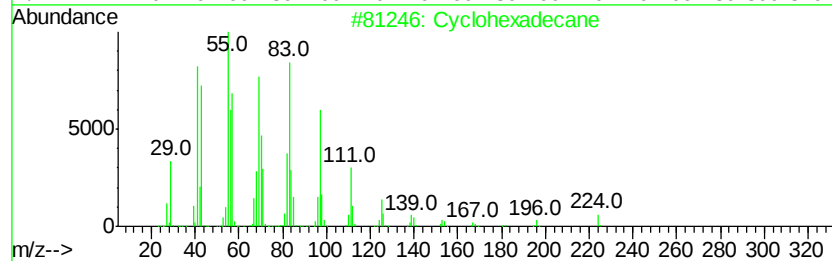
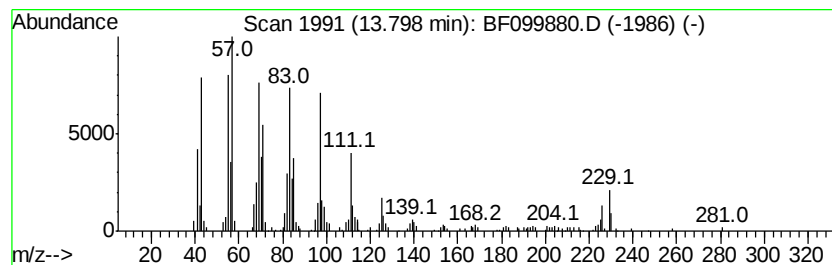
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	6.70 ng	302111	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	98
2		Cyclopentadecane	210	C15H30	000295-48-7	96
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	93
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102717\
Data File : BF099880.D
Acq On : 27 Oct 2017 16:33
Operator : SJ/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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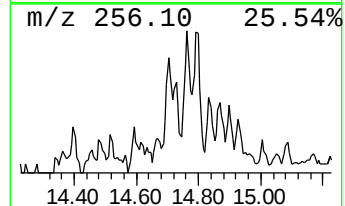
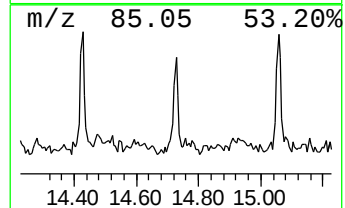
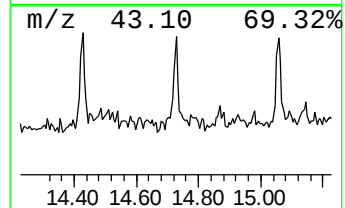
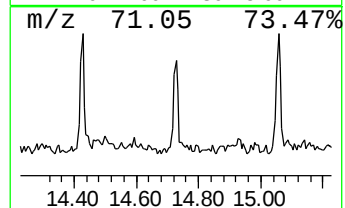
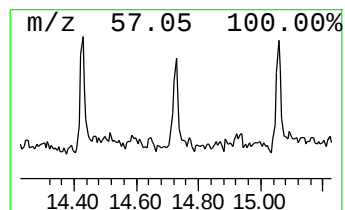
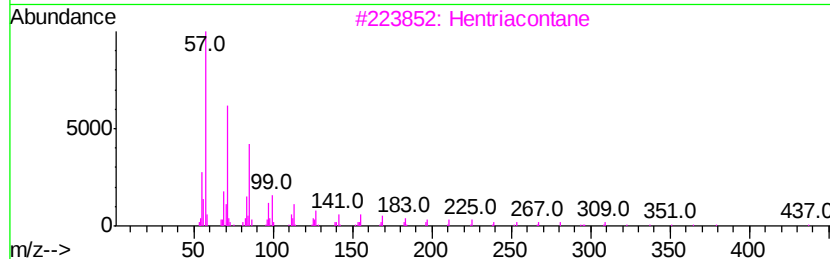
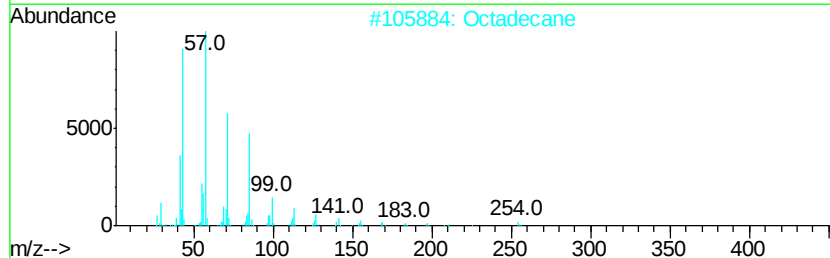
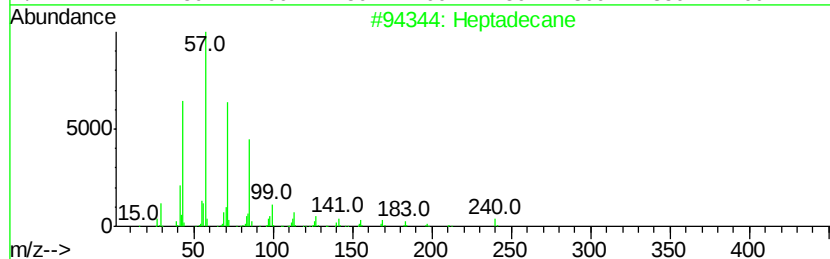
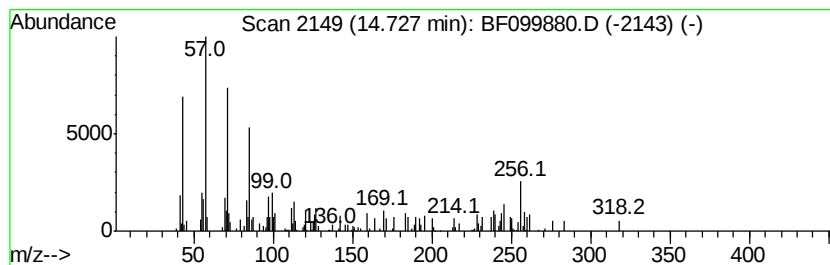
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.65 ng	72710	Perylene-d12	15.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	70
2			Octadecane	254	C18H38	000593-45-3	70
3			Hentriacontane	437	C31H64	000630-04-6	62
4			Tetratetracontane	619	C44H90	007098-22-8	58
5			2-methyloctacosane	408	C29H60	1000376-72-8	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102717\
Data File : BF099880.D
Acq On : 27 Oct 2017 16:33
Operator : SJ/JU
Sample : I6112-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
4-MARION26KV-(2-3)

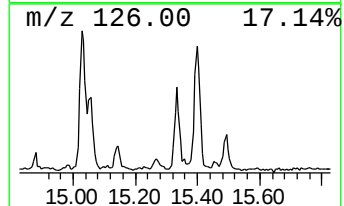
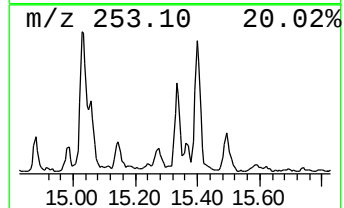
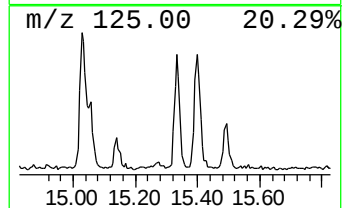
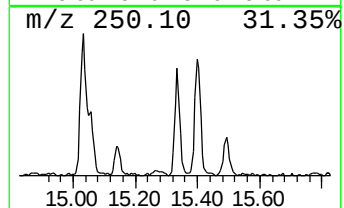
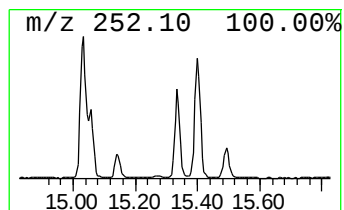
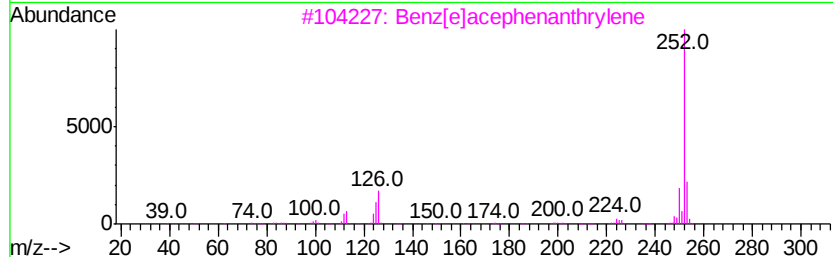
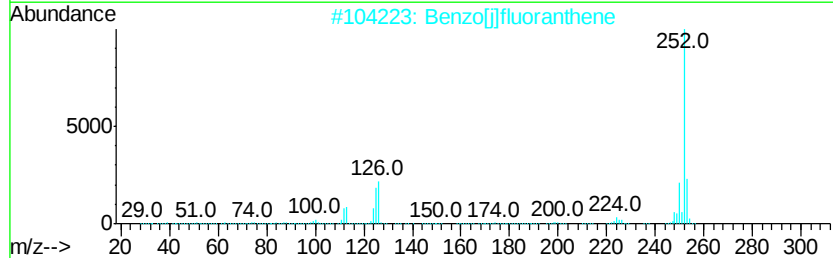
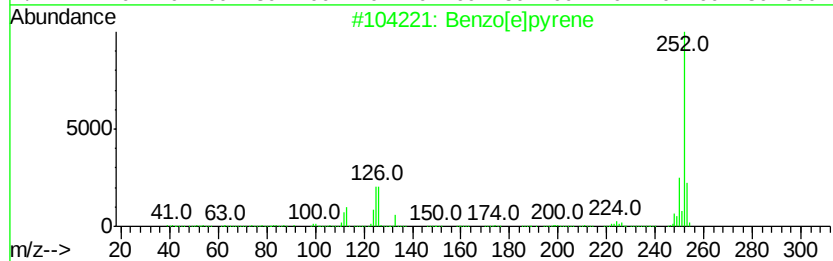
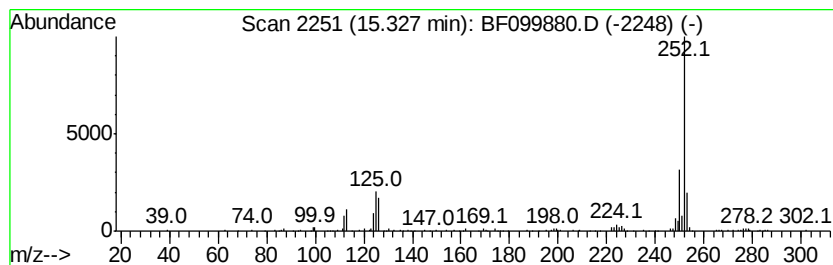
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	7.25 ng	199066	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[il]fluoranthene	252	C20H12	000205-82-3	98
3		Benz[el]acephenanthrylene	252	C20H12	000205-99-2	98
4		Perylene	252	C20H12	000198-55-0	97
5		Benzo[a]pyrene	252	C20H12	000050-32-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102717\
Data File : BF099880.D
Acq On : 27 Oct 2017 16:33
Operator : SJ/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
4-MARION26KV-(2-3)

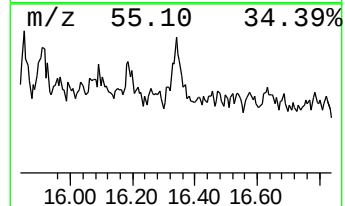
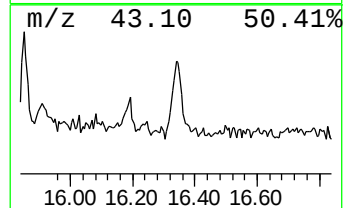
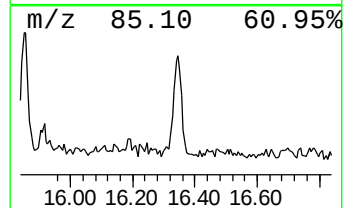
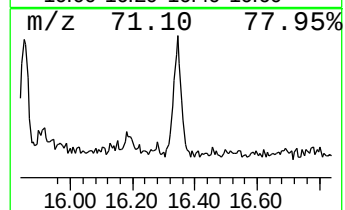
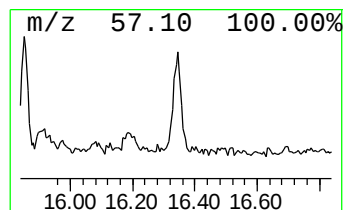
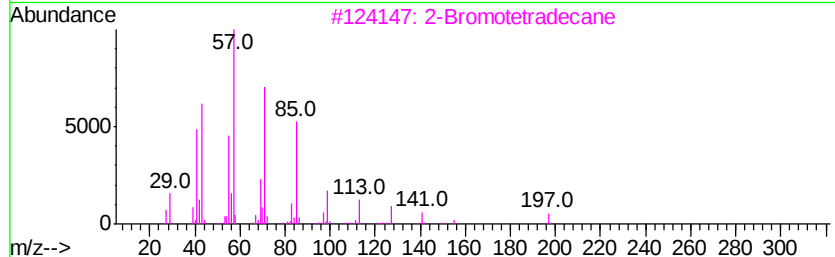
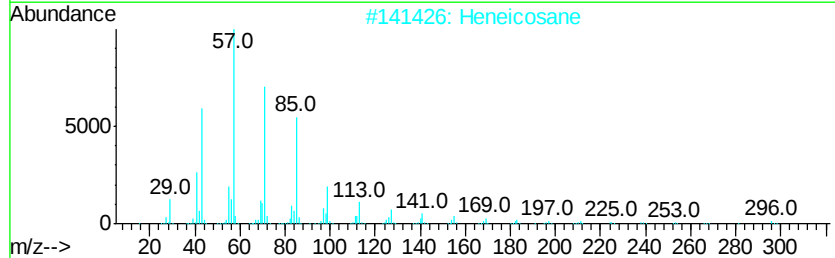
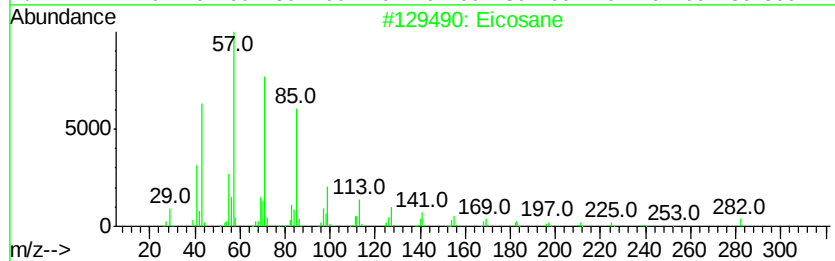
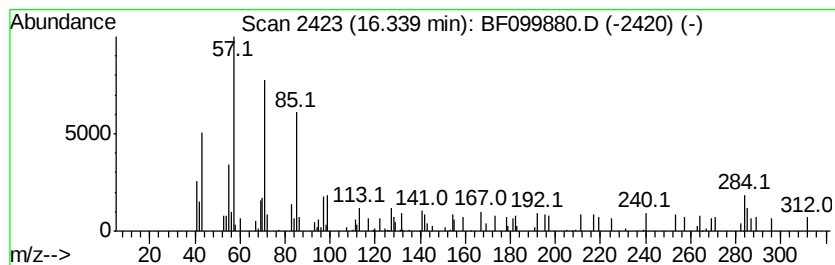
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	3.74 ng	102812	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heneicosane	296	C21H44	000629-94-7	93
3		2-Bromotetradecane	276	C14H29Br	074036-95-6	58
4		Triacontane	422	C30H62	000638-68-6	58
5		Octadecane	254	C18H38	000593-45-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102717\
 Data File : BF099880.D
 Acq On : 27 Oct 2017 16:33
 Operator : SJ/JU
 Sample : I6112-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4-MARION26KV-(2-3)

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
2-Pentanone, 4-hy...	5.01	12.5	ng	347450	1	6.79	556175	20.0
unknown6.57	6.57	71.9	ng	1999080	1	6.79	556175	20.0
Mesitylene	6.62	2.4	ng	66287	1	6.79	556175	20.0
2-Hydroxy-iso-but...	8.64	4.8	ng	189618	2	8.07	791724	20.0
Benzophenone	10.56	17.6	ng	816092	3	9.84	925172	20.0
Heptadecane, 7-me...	10.74	4.2	ng	184821	4	11.33	875180	20.0
Phenanthrene, 2-m...	11.83	2.0	ng	87777	4	11.33	875180	20.0
n-Hexadecanoic acid	11.85	7.9	ng	345713	4	11.33	875180	20.0
Naphtho[2,3-b]nor...	11.95	2.6	ng	114909	4	11.33	875180	20.0
Phenanthrene, 2,5...	12.39	2.7	ng	119363	4	11.33	875180	20.0
Octadecanoic acid	12.64	3.9	ng	171268	4	11.33	875180	20.0
Cyclohexadecane	13.80	6.7	ng	302111	5	13.99	902005	20.0
Heptadecane	14.73	2.6	ng	72710	6	15.46	549436	20.0
Benzo[e]pyrene	15.33	7.3	ng	199066	6	15.46	549436	20.0
Eicosane	16.34	3.7	ng	102812	6	15.46	549436	20.0