

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099881.D
 Acq On : 27 Oct 2017 17:00
 Operator : SJ/JU
 Sample : I6112-21 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6-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	4.998	493	495	512	rVB	92047	122368	11.10%	0.685%
2	5.410	563	565	585	rVV	573517	752111	68.23%	4.209%
3	6.028	664	670	676	rBV6	16509	29449	2.67%	0.165%
4	6.310	715	718	723	rBV2	24298	28447	2.58%	0.159%
5	6.433	736	739	753	rBV	704165	852236	77.32%	4.769%
6	6.569	758	762	767	rVV	905439	870515	78.98%	4.872%
7	6.616	767	770	773	rVB	61906	52959	4.80%	0.296%
8	6.792	797	800	807	rBV	624295	527796	47.88%	2.954%
9	6.945	823	826	834	rVB	741245	684730	62.12%	3.832%
10	7.363	893	897	904	rBV	540533	551072	49.99%	3.084%
11	8.045	1011	1013	1015	rBV	75753	59179	5.37%	0.331%
12	8.075	1015	1018	1021	rVV	823432	716922	65.04%	4.012%
13	8.122	1025	1026	1029	rVB	42273	31902	2.89%	0.179%
14	8.357	1059	1066	1072	rBV5	21385	30686	2.78%	0.172%
15	8.486	1084	1088	1091	rBV	77506	65591	5.95%	0.367%
16	8.639	1111	1114	1115	rBV	67996	60076	5.45%	0.336%
17	8.657	1115	1117	1122	rVB	101597	81565	7.40%	0.456%
18	8.792	1137	1140	1146	rVB	127571	108975	9.89%	0.610%
19	8.892	1152	1157	1160	rBV	88115	81047	7.35%	0.454%
20	9.086	1188	1190	1193	rVB	44140	32847	2.98%	0.184%
21	9.151	1196	1201	1205	rBV	1285902	1102266	100.00%	6.169%
22	9.227	1209	1214	1217	rBV	102537	94064	8.53%	0.526%
23	9.351	1230	1235	1244	rVB2	19457	34829	3.16%	0.195%
24	9.422	1244	1247	1251	rBV2	48144	62638	5.68%	0.351%
25	9.492	1255	1259	1262	rVV	81106	95262	8.64%	0.533%
26	9.521	1262	1264	1266	rVV	70158	79346	7.20%	0.444%
27	9.551	1266	1269	1275	rVV	319928	305739	27.74%	1.711%
28	9.616	1275	1280	1288	rVB3	44558	79428	7.21%	0.445%
29	9.757	1301	1304	1307	rVB	107764	82111	7.45%	0.460%
30	9.839	1312	1318	1321	rVV	824640	797420	72.34%	4.463%
31	9.869	1321	1323	1326	rVB2	33750	33435	3.03%	0.187%
32	9.939	1332	1335	1339	rBV2	27197	36973	3.35%	0.207%
33	10.045	1349	1353	1356	rVV2	71843	87874	7.97%	0.492%
34	10.080	1356	1359	1362	rVV2	56078	59685	5.41%	0.334%

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35	10.151	1368	1371	1374	rBV2	45023	49434	4.48%	0.277%
36	10.186	1374	1377	1382	rVB	42508	50640	4.59%	0.283%
37	10.257	1382	1389	1392	rBV3	122178	162928	14.78%	0.912%
38	10.380	1405	1410	1417	rBV4	51177	89546	8.12%	0.501%
39	10.474	1423	1426	1428	rBV2	39978	34188	3.10%	0.191%
40	10.551	1432	1439	1444	rBV	345169	311473	28.26%	1.743%
41	10.633	1449	1453	1459	rVV	627669	586499	53.21%	3.282%
42	10.739	1466	1471	1479	rVB4	133693	230605	20.92%	1.291%
43	10.939	1498	1505	1507	rBV4	27222	39164	3.55%	0.219%
44	11.016	1516	1518	1521	rVB4	29075	27787	2.52%	0.156%
45	11.068	1521	1527	1529	rBV4	43493	70310	6.38%	0.393%
46	11.145	1536	1540	1543	rBV5	28609	40436	3.67%	0.226%
47	11.180	1543	1546	1549	rVV	117067	117031	10.62%	0.655%
48	11.227	1552	1554	1558	rVB2	34442	29030	2.63%	0.162%
49	11.333	1568	1572	1574	rBV	846643	753655	68.37%	4.218%
50	11.357	1574	1576	1580	rVV	286600	236902	21.49%	1.326%
51	11.410	1583	1585	1588	rBV	46600	38591	3.50%	0.216%
52	11.492	1596	1599	1602	rBV3	23933	28644	2.60%	0.160%
53	11.574	1608	1613	1616	rBV2	46364	67474	6.12%	0.378%
54	11.604	1616	1618	1623	rVB	98071	81187	7.37%	0.454%
55	11.833	1655	1657	1658	rVV	90362	71677	6.50%	0.401%
56	11.863	1659	1662	1666	rVV	139679	158469	14.38%	0.887%
57	11.915	1666	1671	1673	rVV4	30634	52901	4.80%	0.296%
58	11.945	1673	1676	1678	rVV2	113393	115024	10.44%	0.644%
59	11.968	1678	1680	1685	rVV	60538	53126	4.82%	0.297%
60	12.015	1685	1688	1692	rVV2	77577	78663	7.14%	0.440%
61	12.068	1692	1697	1700	rVB5	24108	40227	3.65%	0.225%
62	12.127	1704	1707	1711	rVV2	71448	79923	7.25%	0.447%
63	12.274	1727	1732	1736	rBV2	38118	58502	5.31%	0.327%
64	12.310	1736	1738	1740	rVV	48285	44317	4.02%	0.248%
65	12.339	1740	1743	1746	rVB	32585	28470	2.58%	0.159%
66	12.386	1748	1751	1752	rBV	86787	84889	7.70%	0.475%
67	12.404	1752	1754	1759	rVV2	79636	86730	7.87%	0.485%
68	12.468	1763	1765	1769	rBV2	28308	36952	3.35%	0.207%
69	12.551	1775	1779	1783	rBV	427426	363236	32.95%	2.033%
70	12.586	1783	1785	1788	rVV	34650	30520	2.77%	0.171%
71	12.780	1812	1818	1824	rVV	364036	415225	37.67%	2.324%

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72	12.833	1824	1827	1830	rVB	55737	50201	4.55%	0.281%
73	12.915	1837	1841	1844	rVV	944942	799503	72.53%	4.474%
74	12.992	1851	1854	1855	rBV	36228	36477	3.31%	0.204%
75	13.110	1867	1874	1876	rVV2	69476	88553	8.03%	0.496%
76	13.133	1876	1878	1880	rVB	43972	34739	3.15%	0.194%
77	13.174	1883	1885	1888	rBV	38016	36717	3.33%	0.205%
78	13.309	1905	1908	1911	rBV	31578	37171	3.37%	0.208%
79	13.339	1911	1913	1916	rVV2	28262	31086	2.82%	0.174%
80	13.474	1932	1936	1939	rBV3	46484	53339	4.84%	0.299%
81	13.592	1953	1956	1959	rBV5	23534	28444	2.58%	0.159%
82	13.633	1959	1963	1969	rVB2	52927	63727	5.78%	0.357%
83	13.733	1975	1980	1982	rBV2	49889	62353	5.66%	0.349%
84	13.798	1987	1991	1996	rVV4	80691	120218	10.91%	0.673%
85	13.845	1996	1999	2003	rVB2	34663	44366	4.02%	0.248%
86	13.986	2018	2023	2026	rVV2	604865	767083	69.59%	4.293%
87	14.009	2026	2027	2034	rVB	207257	166259	15.08%	0.930%
88	14.092	2039	2041	2044	rVV	39102	35453	3.22%	0.198%
89	14.121	2044	2046	2049	rVV	35143	32636	2.96%	0.183%
90	14.374	2087	2089	2092	rVB	50304	44005	3.99%	0.246%
91	14.409	2092	2095	2096	rBV	31344	31674	2.87%	0.177%
92	15.033	2197	2201	2203	rBV	222471	292706	26.55%	1.638%
93	15.139	2216	2219	2226	rVB	42253	53145	4.82%	0.297%
94	15.333	2248	2252	2257	rBV	150278	179776	16.31%	1.006%
95	15.398	2260	2263	2270	rVV	181239	243212	22.06%	1.361%
96	15.462	2270	2274	2277	rVV	393214	503227	45.65%	2.816%
97	15.492	2277	2279	2285	rVB2	59159	75993	6.89%	0.425%
98	16.950	2521	2527	2533	rVB	101940	204423	18.55%	1.144%
99	17.397	2598	2603	2614	rVB	84829	181039	16.42%	1.013%
100	17.656	2644	2647	2653	rVB3	20263	35561	3.23%	0.199%

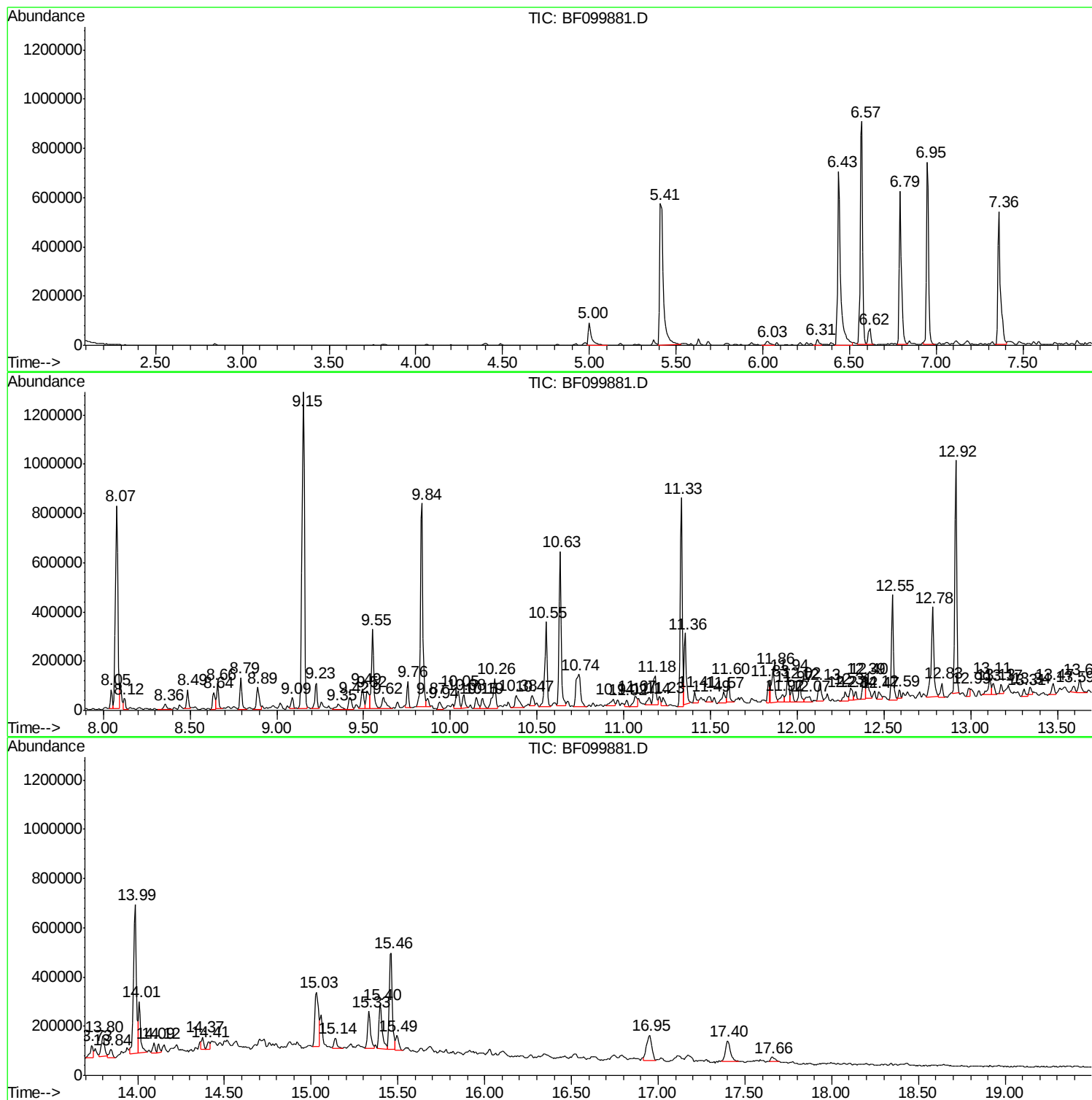
Sum of corrected areas: 17869004

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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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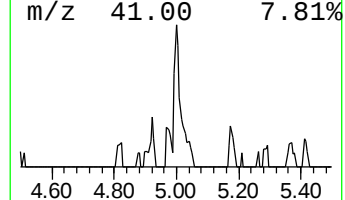
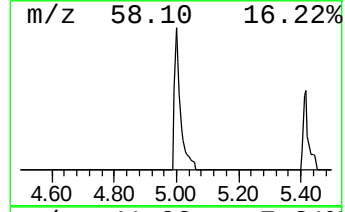
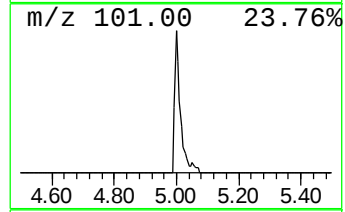
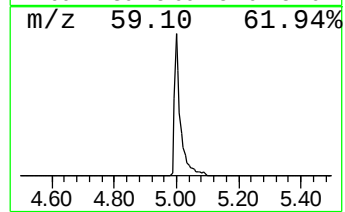
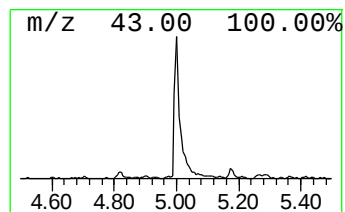
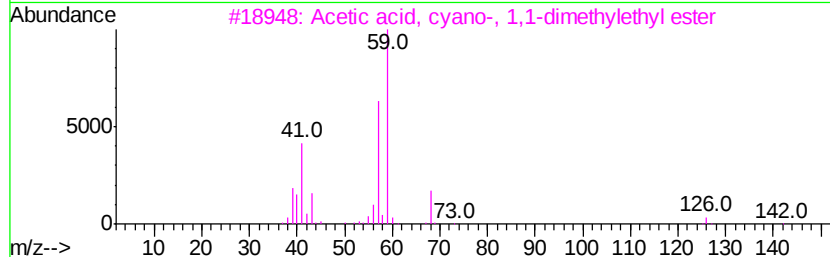
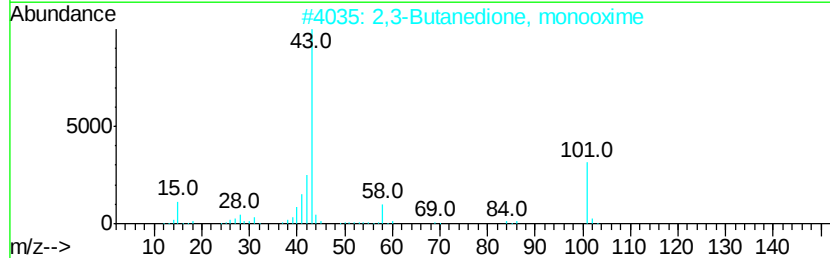
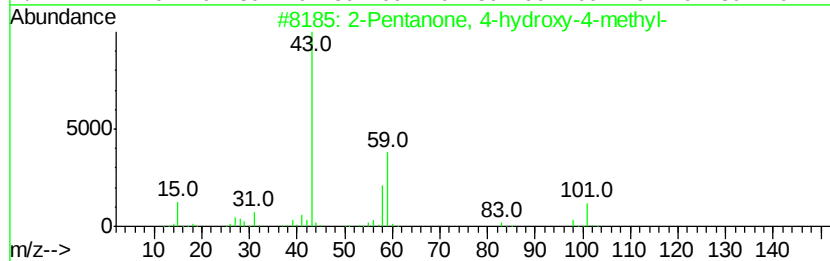
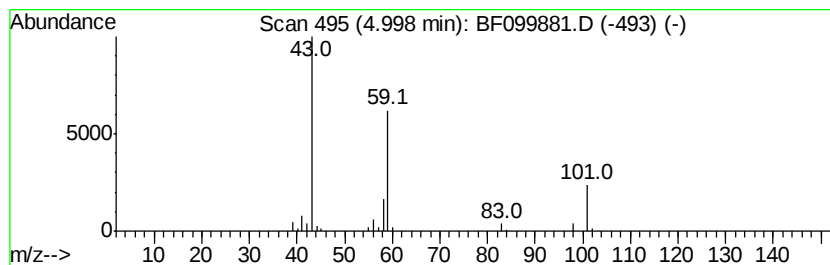
Instrument :
BNA_F
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6-MARION26KV-(2-3)

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.00	4.64 ng	122368	1,4-Dichlorobenzene-d4	6.79	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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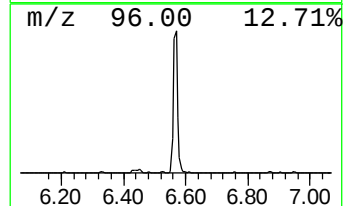
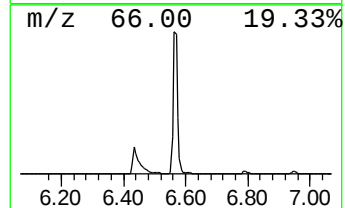
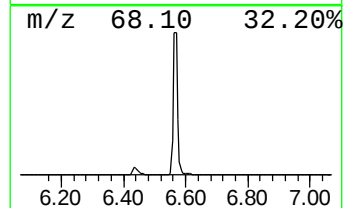
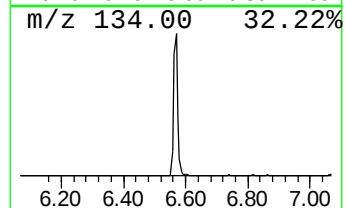
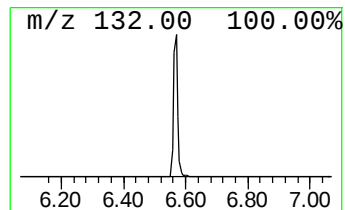
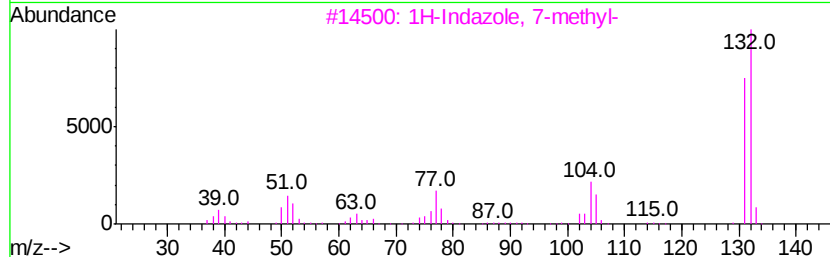
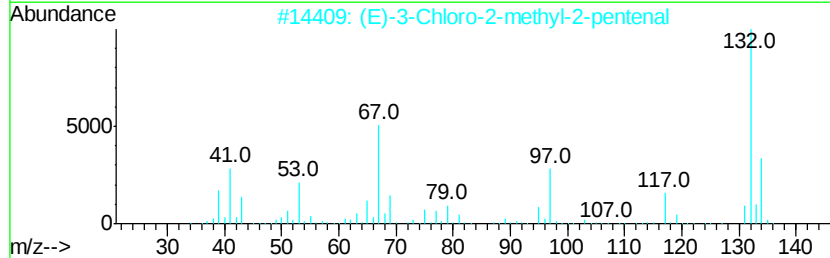
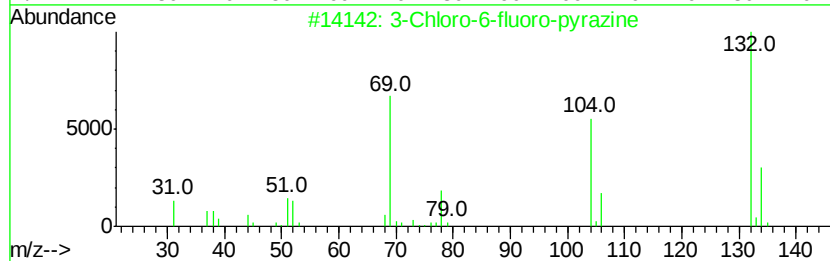
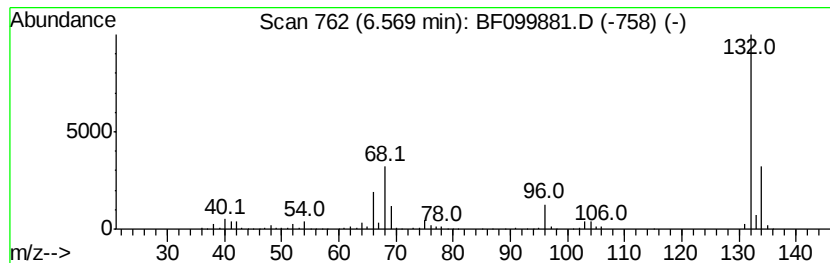
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	32.99 ng	870515	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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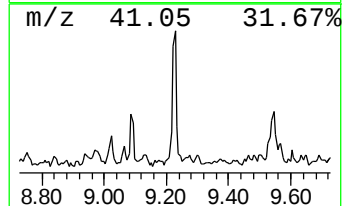
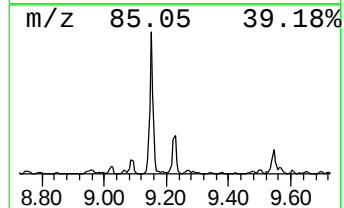
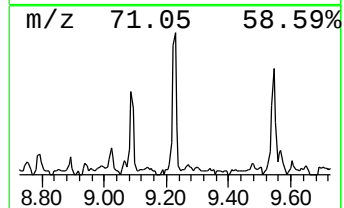
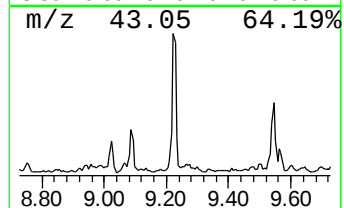
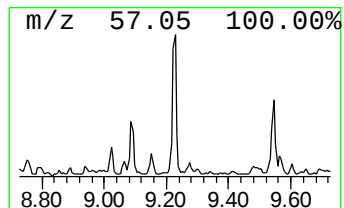
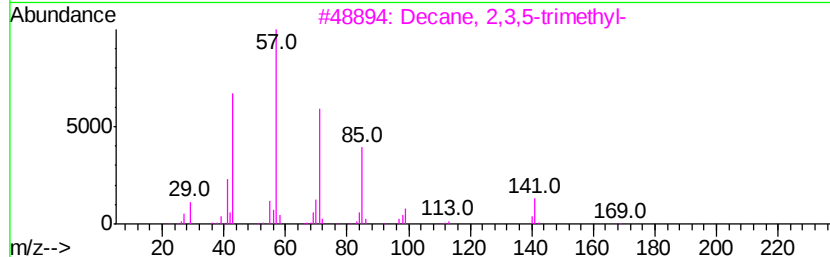
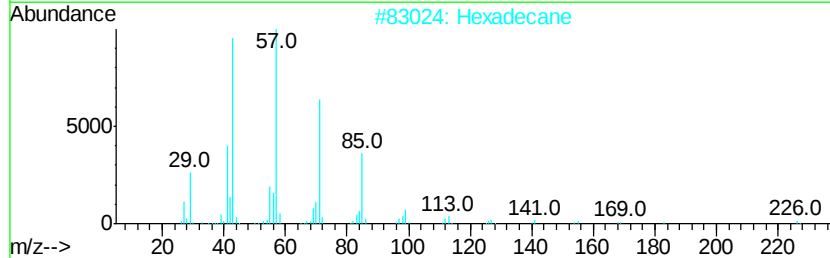
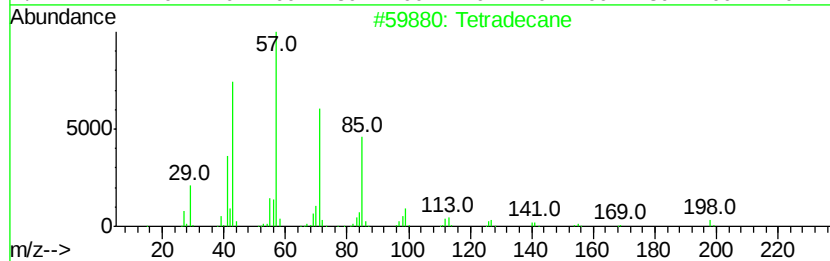
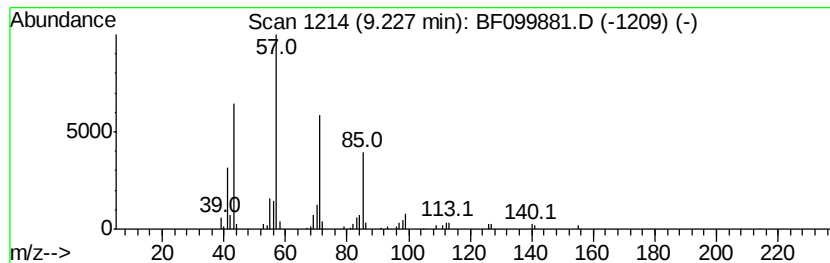
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Peak Number 6 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	2.36 ng	94064	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	87
2		Hexadecane	226	C16H34	000544-76-3	86
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4		9-methylheptadecane	254	C18H38	026741-18-4	80
5		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099881.D
Acq On : 27 Oct 2017 17:00
Operator : SJ/JU
Sample : I6112-21 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

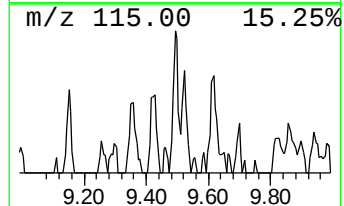
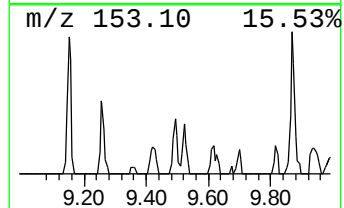
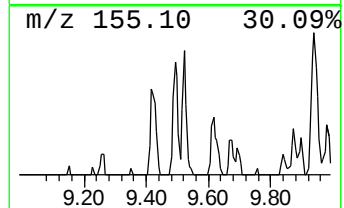
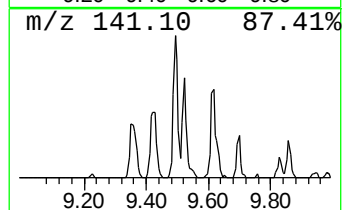
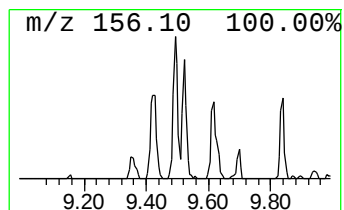
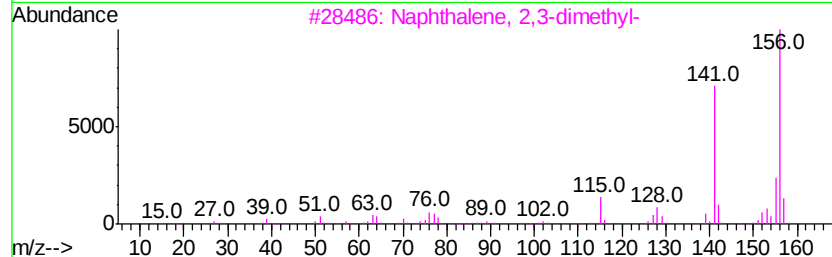
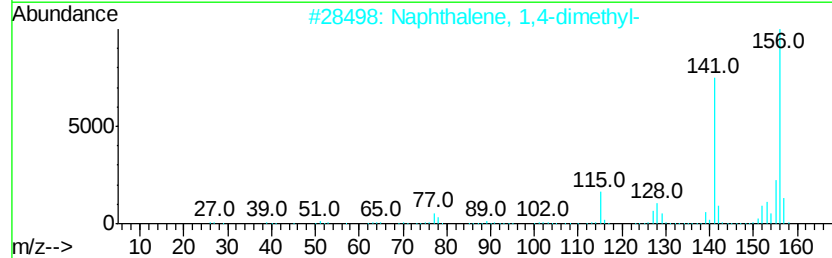
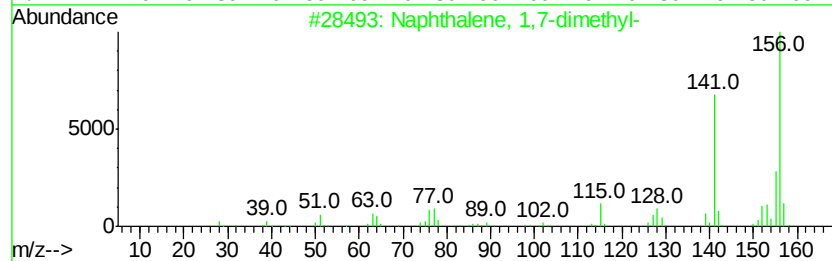
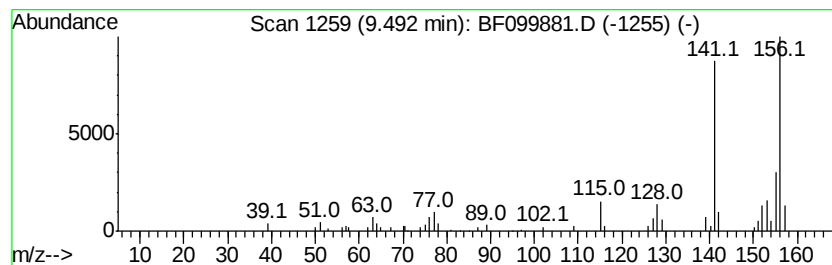
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	2.39 ng	95262	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102717\
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Operator : SJ/JU
Sample : I6112-21 2X
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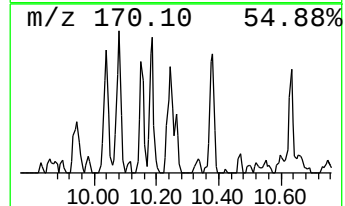
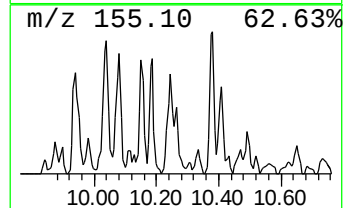
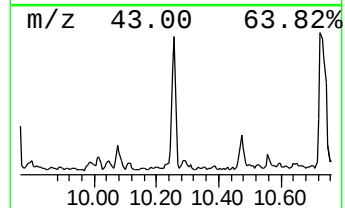
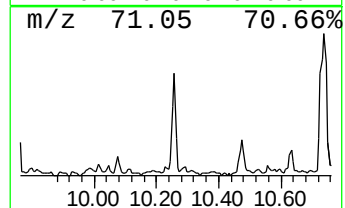
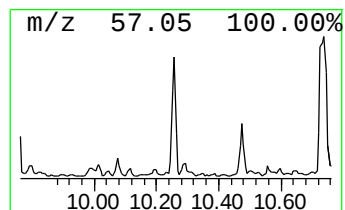
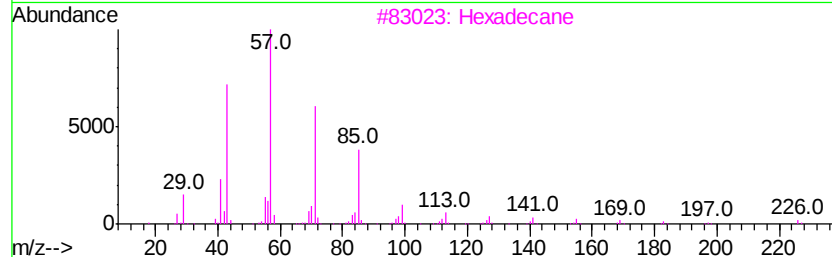
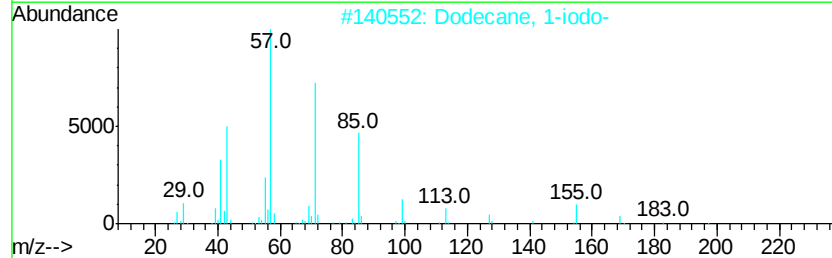
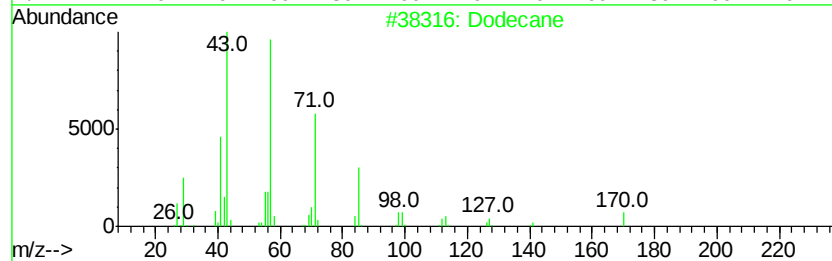
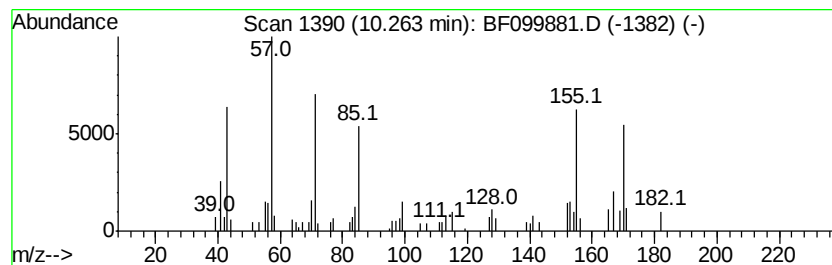
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ClientSampleId :
6-MARION26KV-(2-3)

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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 9 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	4.09 ng	162928	Acenaphthene-d10	9.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	74
2	Dodecane, 1-iodo-	296 C12H25I	004292-19-7	72
3	Hexadecane	226 C16H34	000544-76-3	72
4	Tetradecane	198 C14H30	000629-59-4	72
5	Heptadecane	240 C17H36	000629-78-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102717\
Data File : BF099881.D
Acq On : 27 Oct 2017 17:00
Operator : SJ/JU
Sample : I6112-21 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

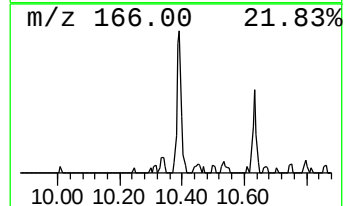
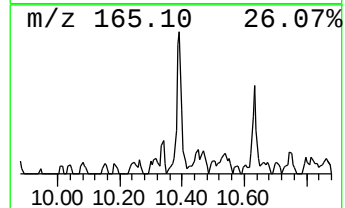
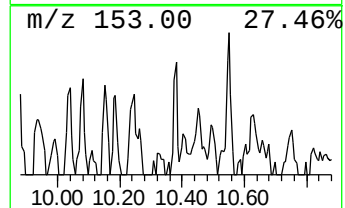
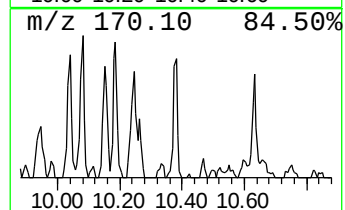
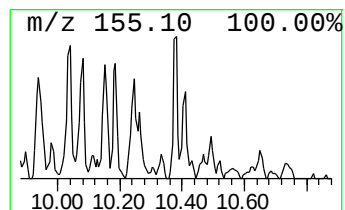
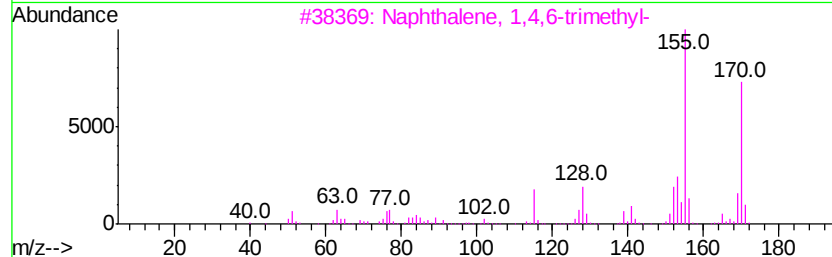
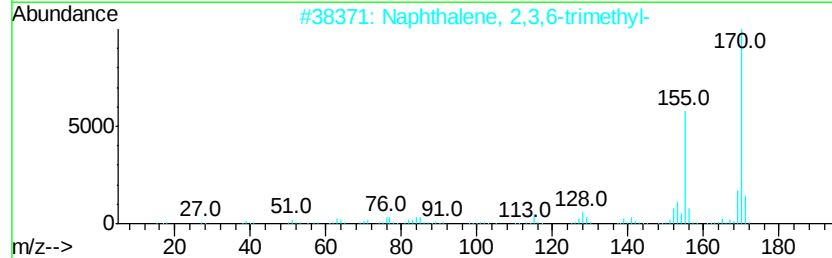
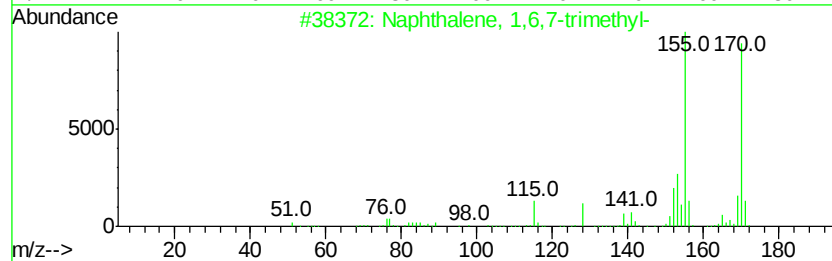
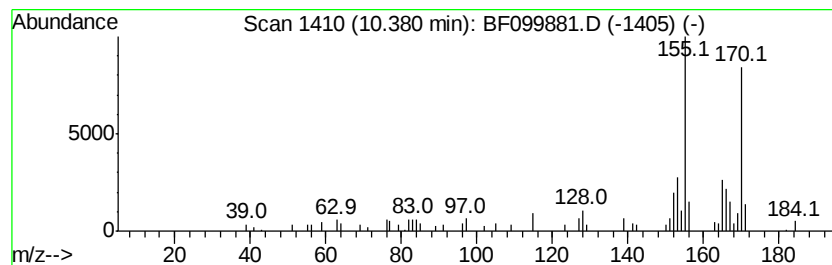
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	2.25 ng	89546	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	76
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102717\
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Operator : SJ/JU
Sample : I6112-21 2X
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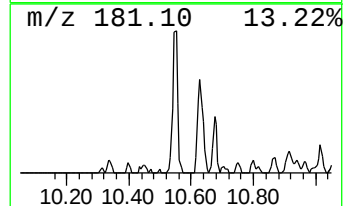
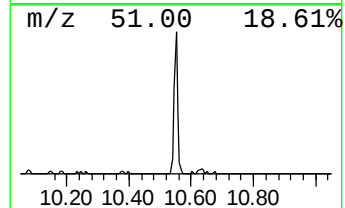
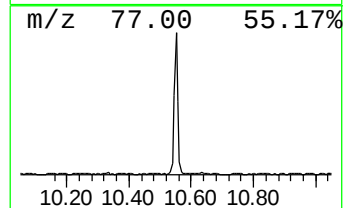
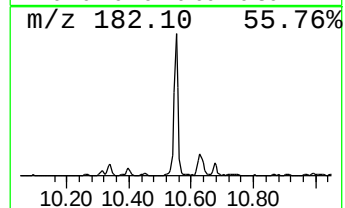
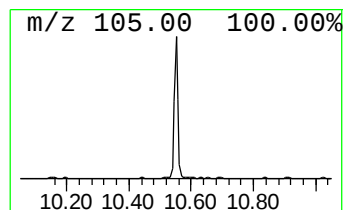
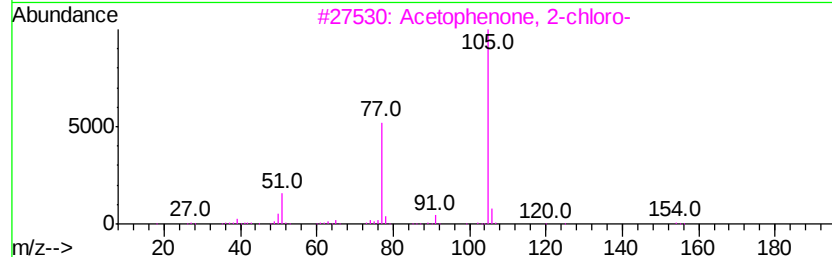
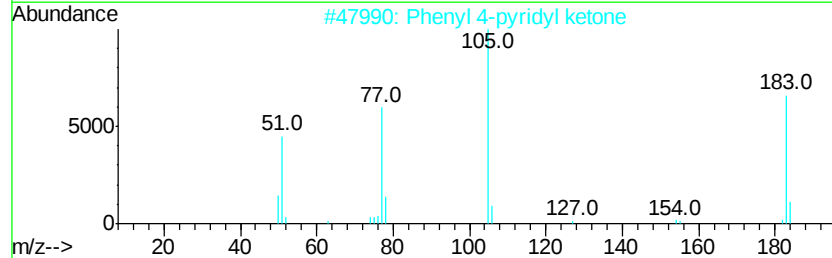
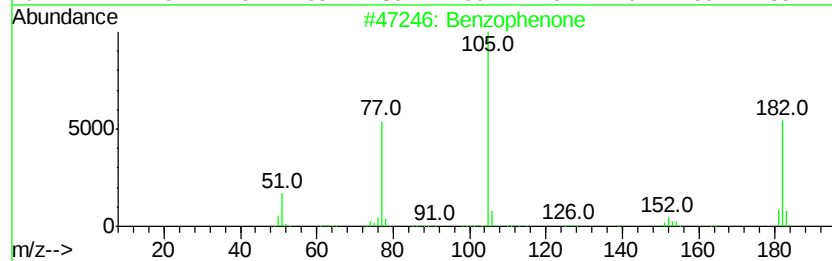
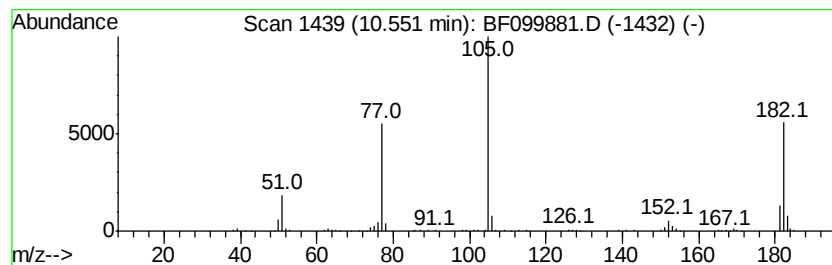
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ClientSampleId :
6-MARION26KV-(2-3)

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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 11 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.55	7.81 ng	311473	Acenaphthene-d10		9.84	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzophenone	182	C13H10O	000119-61-9	97
2		Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
3		Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
4		Benzofurazan-5-carbohydrazide, N...	282	C14H10N4O3	1000272-94-4	43
5		S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102717\
Data File : BF099881.D
Acq On : 27 Oct 2017 17:00
Operator : SJ/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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

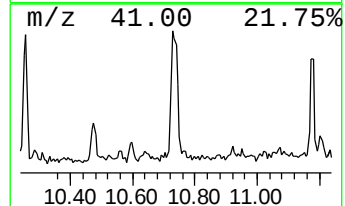
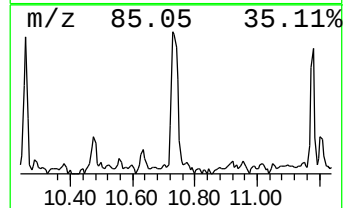
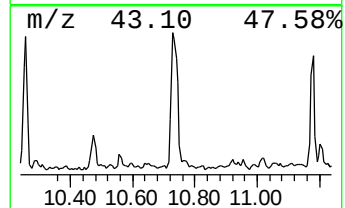
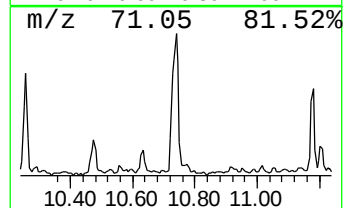
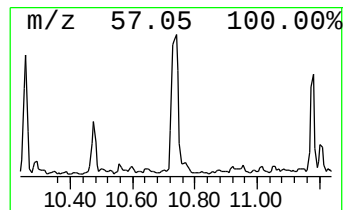
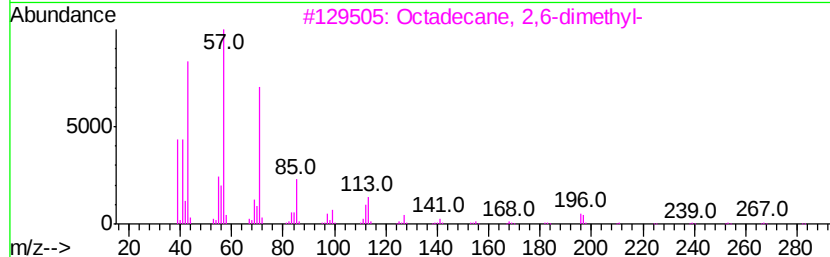
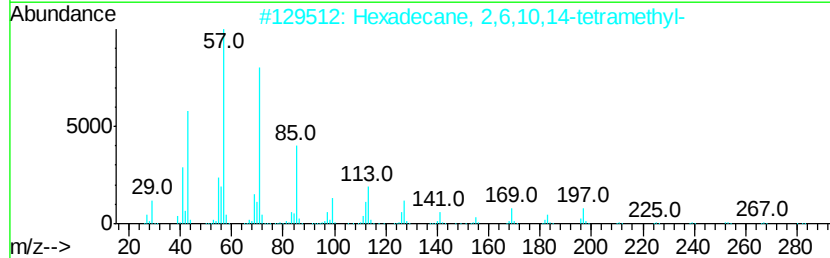
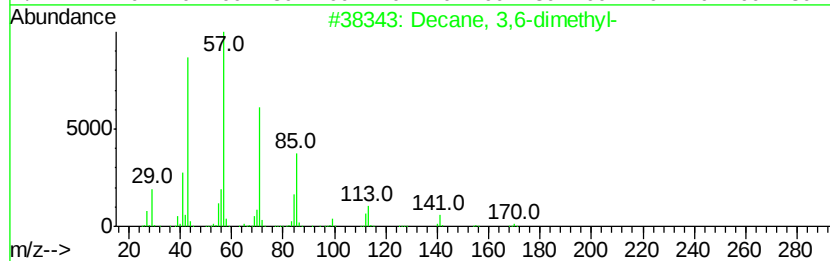
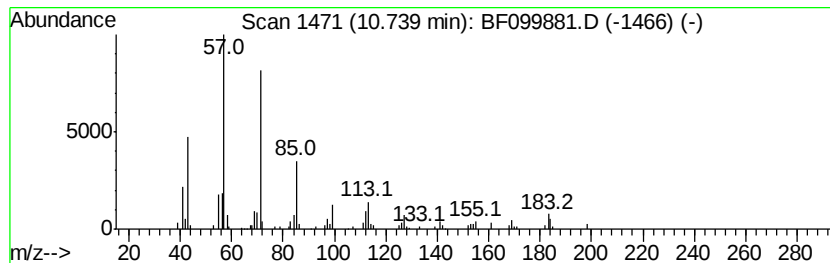
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Decane, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	6.12 ng	230605	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	90
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3		Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	86
4		Tridecane	184	C13H28	000629-50-5	83
5		Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102717\
Data File : BF099881.D
Acq On : 27 Oct 2017 17:00
Operator : SJ/JU
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6-MARION26KV-(2-3)

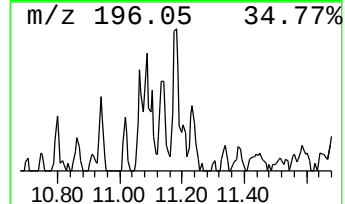
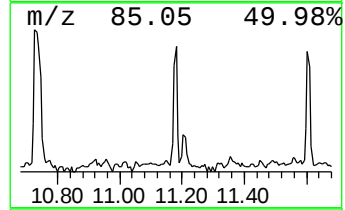
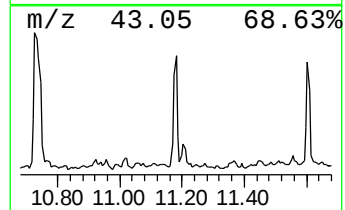
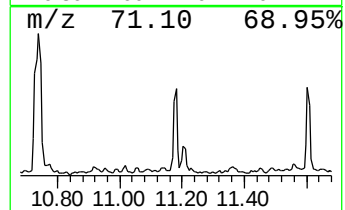
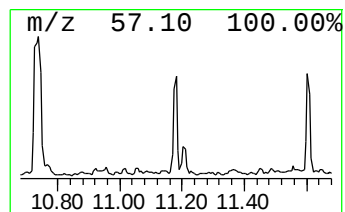
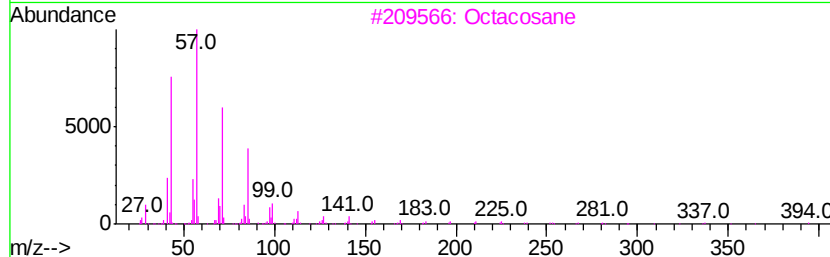
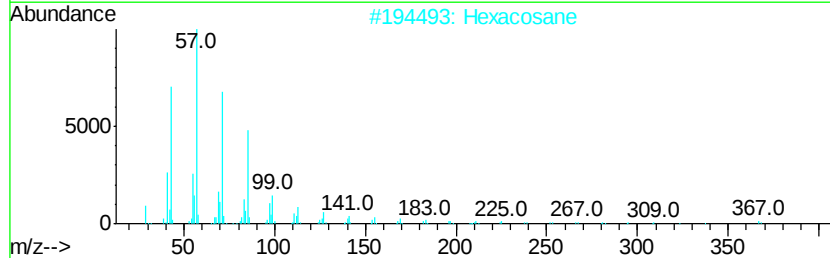
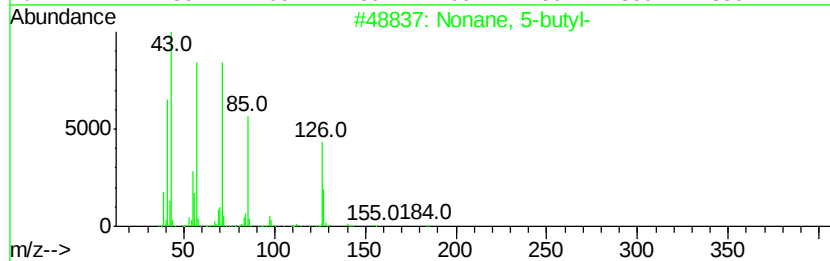
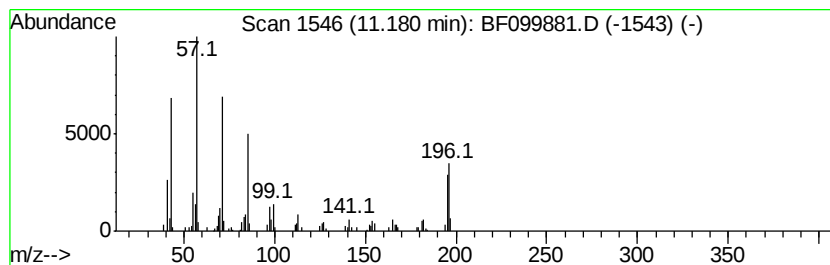
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonane, 5-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	3.11 ng	117031	Phenanthrene-d10	11.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 5-butyl-	184	C13H28	017312-63-9	60
2			Hexacosane	366	C26H54	000630-01-3	58
3			Octacosane	394	C28H58	000630-02-4	58
4			Heptadecane	240	C17H36	000629-78-7	58
5			Heneicosane	296	C21H44	000629-94-7	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099881.D
Acq On : 27 Oct 2017 17:00
Operator : SJ/JU
Sample : I6112-21 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

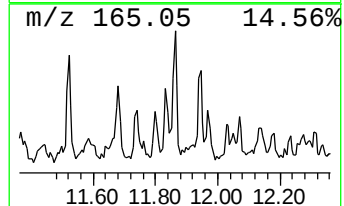
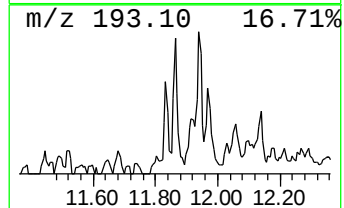
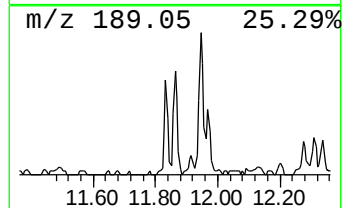
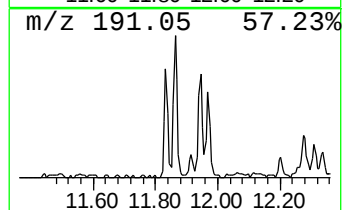
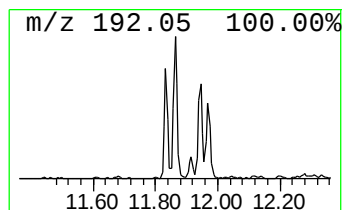
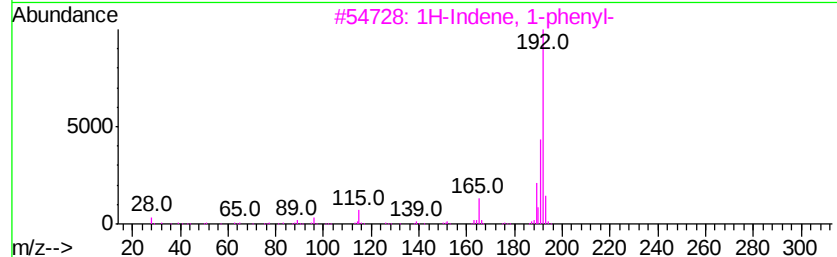
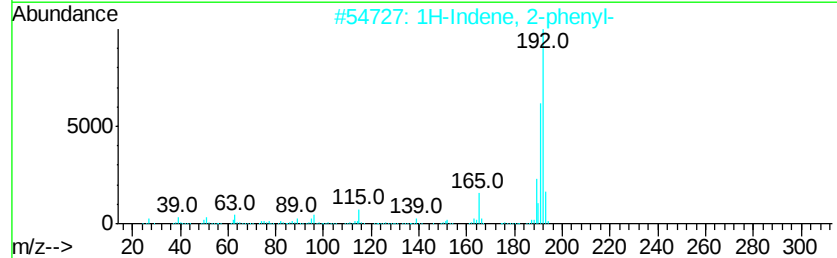
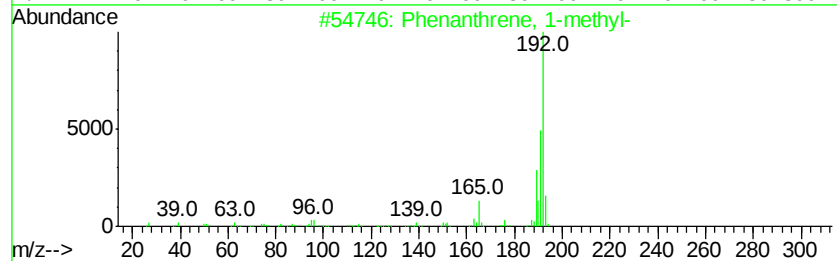
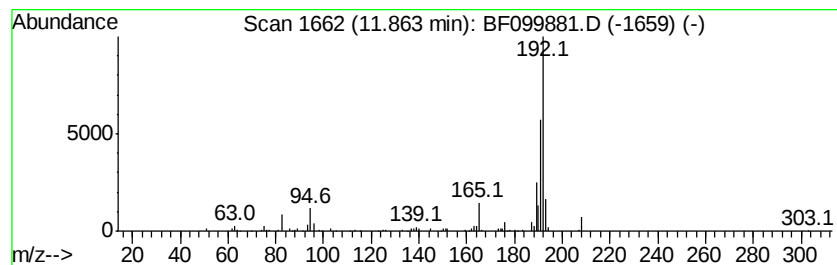
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	4.21 ng	158469	Phenanthrene-d10	11.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
3			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102717\
Data File : BF099881.D
Acq On : 27 Oct 2017 17:00
Operator : SJ/JU
Sample : I6112-21 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

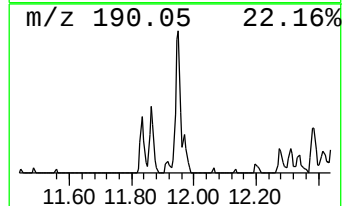
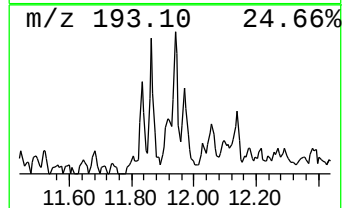
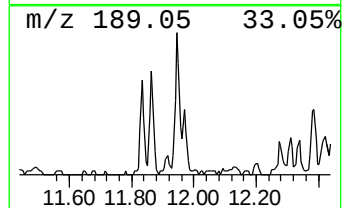
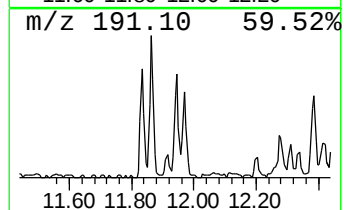
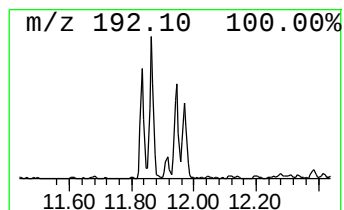
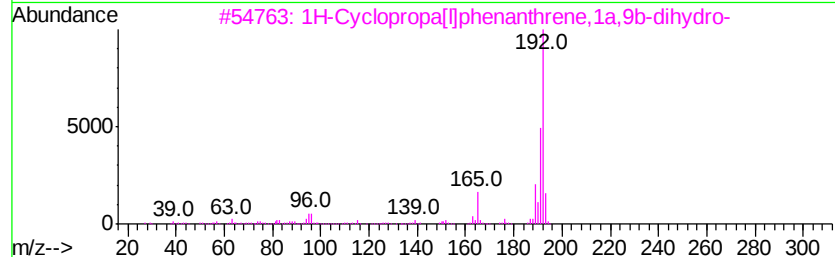
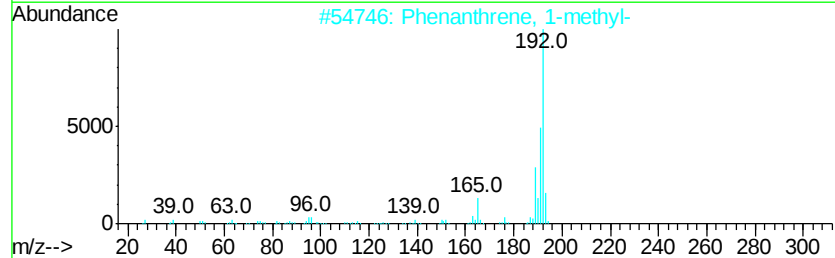
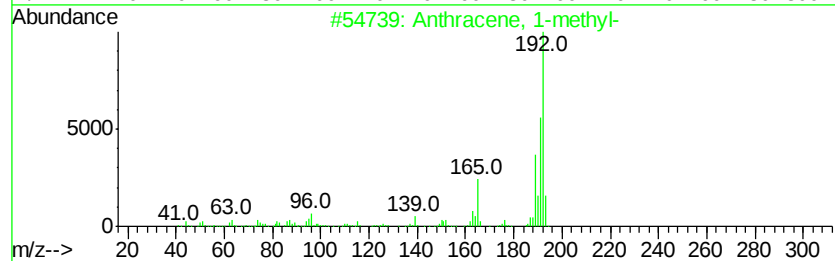
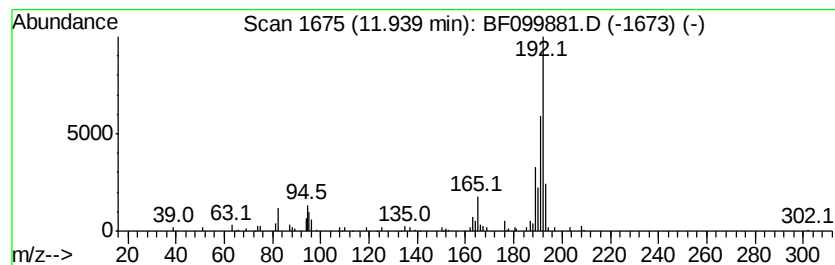
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.05 ng	115024	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	60
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	60
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102717\
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Operator : SJ/JU
Sample : I6112-21 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

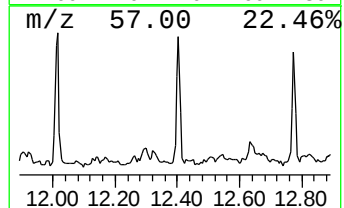
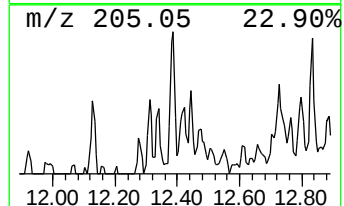
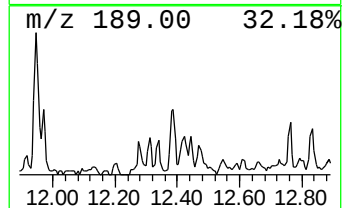
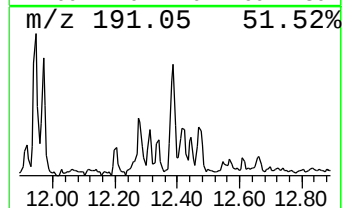
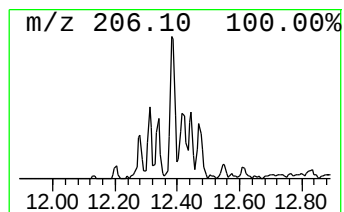
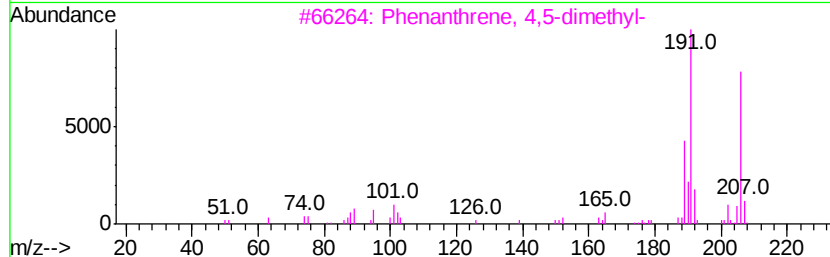
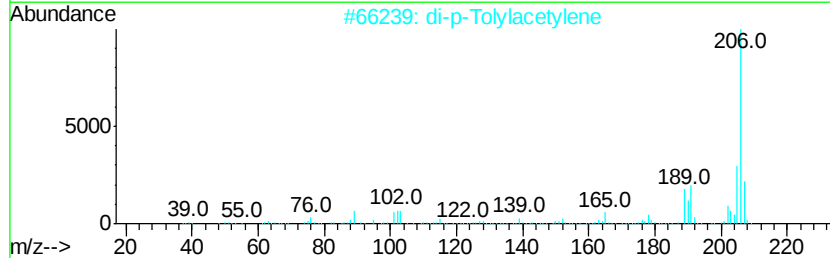
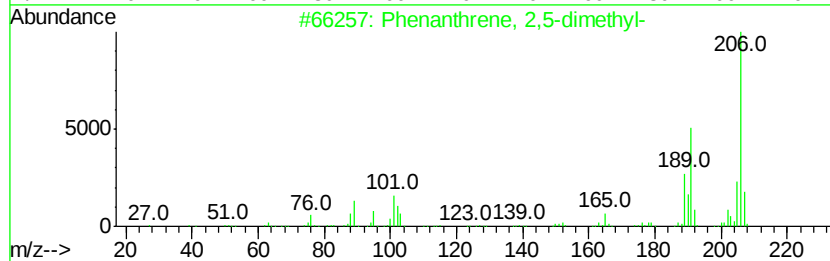
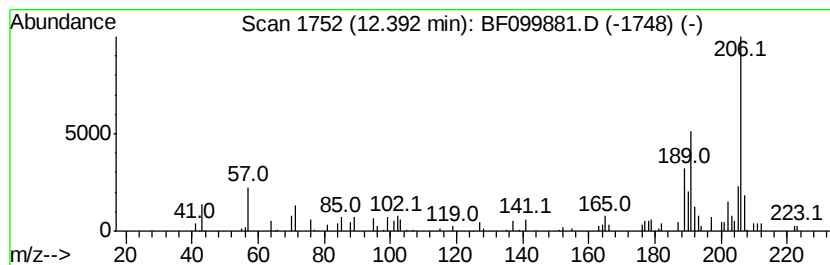
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6-MARION26KV-(2-3)

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

Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.39	2.25 ng	84889	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
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 : BF099881.D
Acq On : 27 Oct 2017 17:00
Operator : SJ/JU
Sample : I6112-21 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

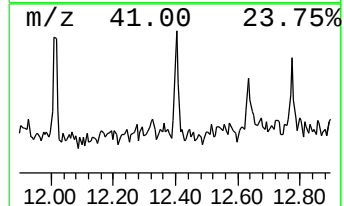
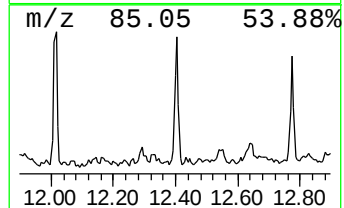
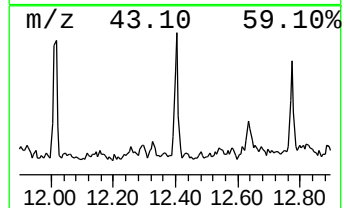
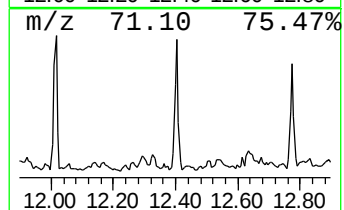
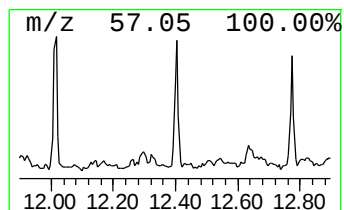
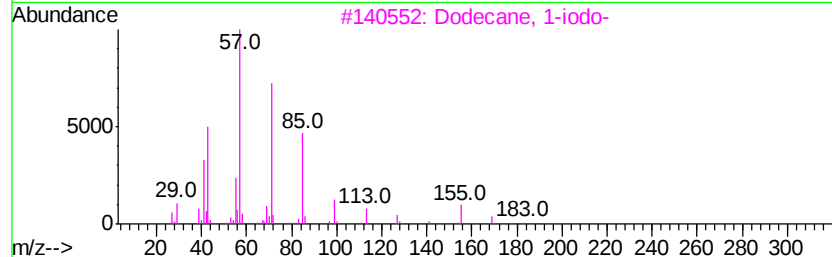
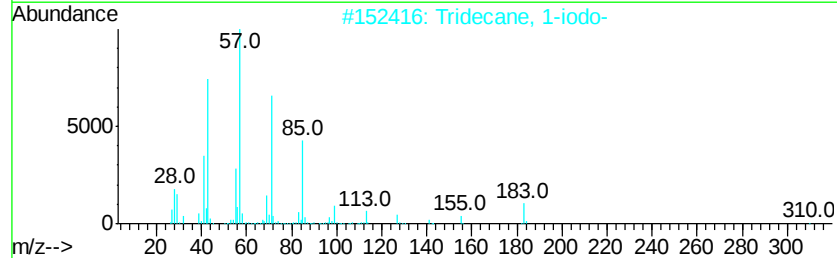
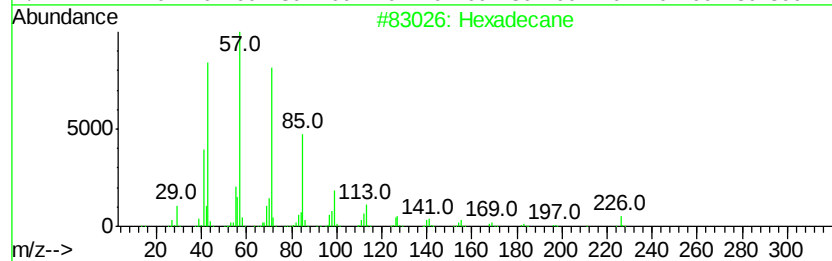
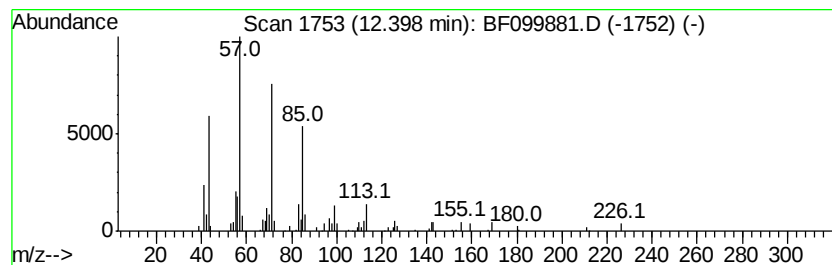
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	2.30 ng	86730	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4		Heptadecane	240	C17H36	000629-78-7	86
5		Eicosane	282	C20H42	000112-95-8	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
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Sample : I6112-21 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

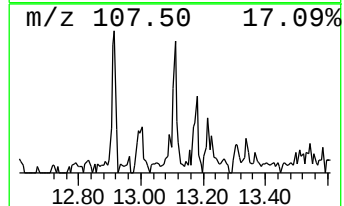
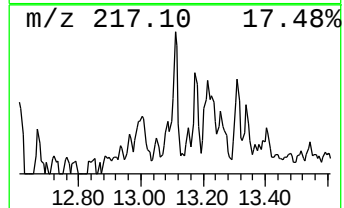
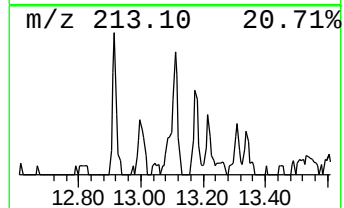
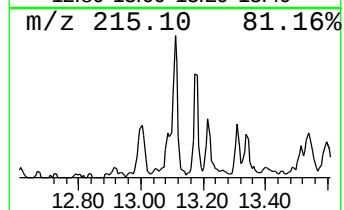
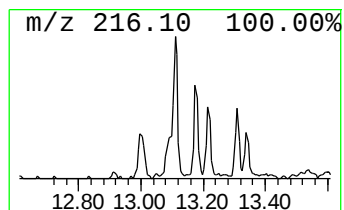
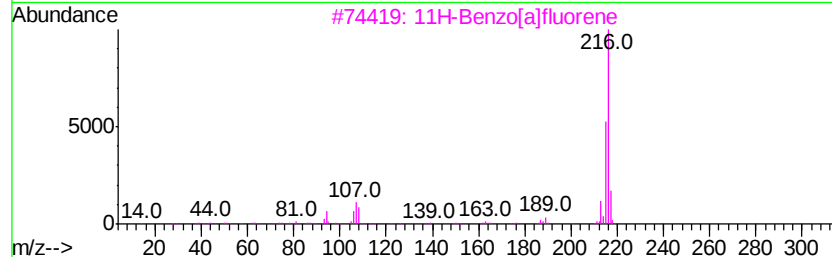
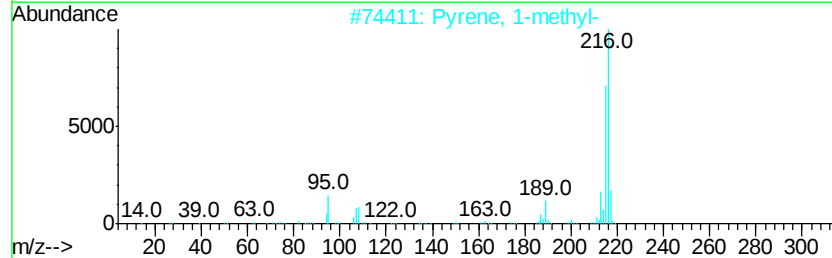
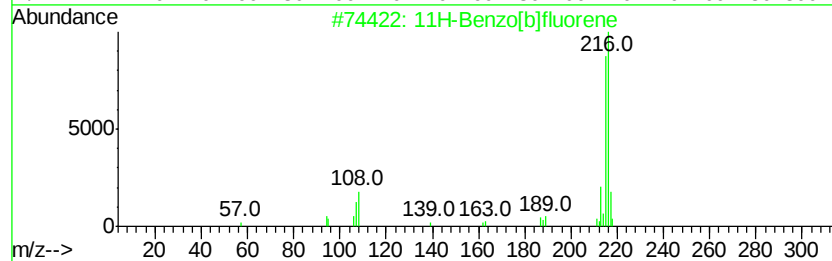
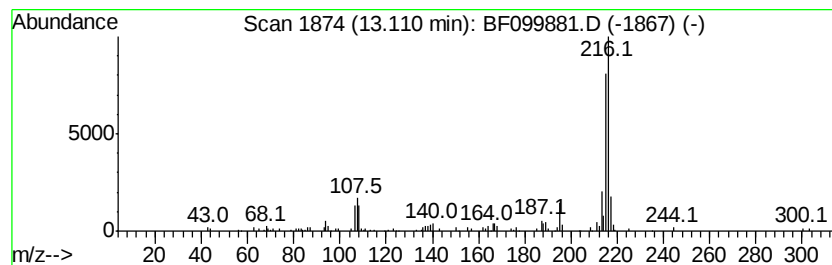
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	2.31 ng	88553	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099881.D
Acq On : 27 Oct 2017 17:00
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ALS Vial : 8 Sample Multiplier: 1

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

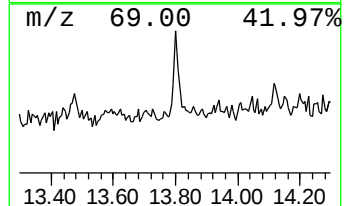
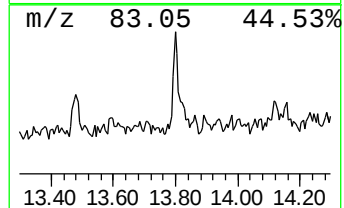
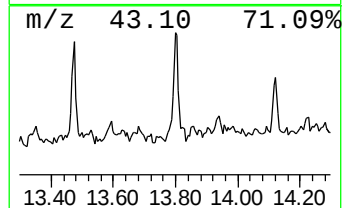
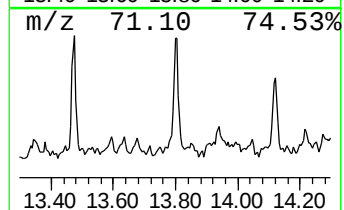
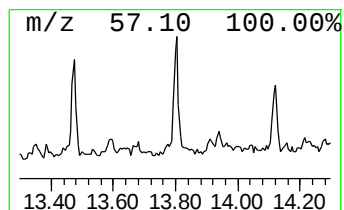
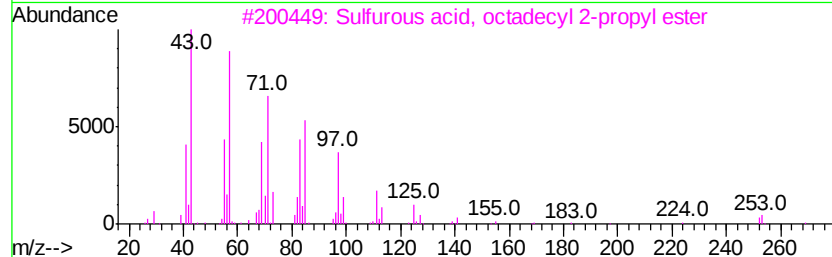
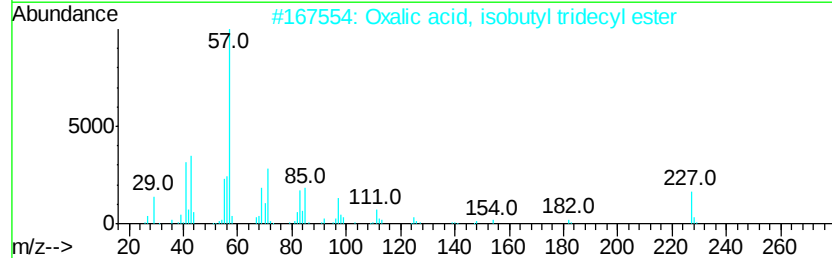
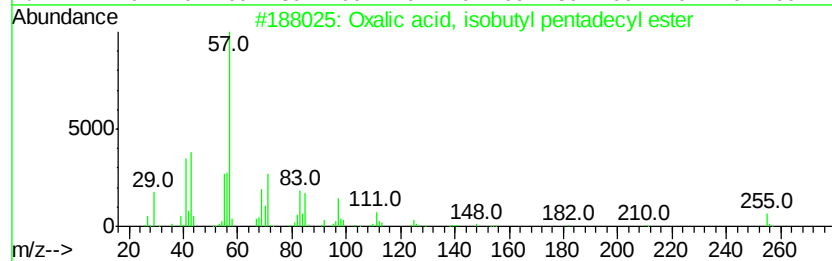
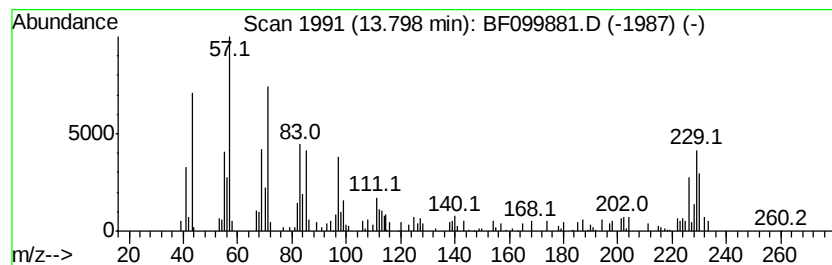
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Oxalic acid, isobutyl penta... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	3.13 ng	120218	Chrysene-d12	13.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	58
2			Oxalic acid, isobutyl tridecyl e...	328	C19H36O4	1000309-37-8	58
3			Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	43
4			Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	43
5			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102717\
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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	4.6	ng	122368	1	6.79	527796	20.0
unknown6.57	6.57	33.0	ng	870515	1	6.79	527796	20.0
Tetradecane	9.23	2.4	ng	94064	3	9.84	797420	20.0
Naphthalene, 1,7-...	9.49	2.4	ng	95262	3	9.84	797420	20.0
Dodecane	10.26	4.1	ng	162928	3	9.84	797420	20.0
Naphthalene, 1,6,...	10.38	2.3	ng	89546	3	9.84	797420	20.0
Benzophenone	10.55	7.8	ng	311473	3	9.84	797420	20.0
Decane, 3,6-dimet...	10.74	6.1	ng	230605	4	11.33	753655	20.0
Nonane, 5-butyl-	11.18	3.1	ng	117031	4	11.33	753655	20.0
Phenanthrene, 1-m...	11.86	4.2	ng	158469	4	11.33	753655	20.0
Anthracene, 1-met...	11.94	3.0	ng	115024	4	11.33	753655	20.0
Phenanthrene, 2,5...	12.39	2.3	ng	84889	4	11.33	753655	20.0
Hexadecane	12.40	2.3	ng	86730	4	11.33	753655	20.0
11H-Benzo[b]fluorene	13.11	2.3	ng	88553	5	13.99	767083	20.0
Oxalic acid, isob...	13.80	3.1	ng	120218	5	13.99	767083	20.0