

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096024.D
 Acq On : 20 Jun 2017 3:02
 Operator : SJ/MA
 Sample : I3688-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G16-0-1.5

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-BF060517.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	1.563	10	13	45	rVB	452835	885223	46.85%	2.718%
2	4.487	506	510	528	rBV	54894	162769	8.62%	0.500%
3	5.034	598	603	618	rBV2	27517	72096	3.82%	0.221%
4	5.186	626	629	659	rBV	649257	1521200	80.51%	4.671%
5	5.439	667	672	679	rVB2	45689	75405	3.99%	0.232%
6	6.886	914	918	928	rBV	686697	1304023	69.02%	4.004%
7	6.969	928	932	941	rVV	1004220	1889352	100.00%	5.801%
8	7.033	941	943	948	rVV	71960	103694	5.49%	0.318%
9	7.110	952	956	963	rVB2	41825	63963	3.39%	0.196%
10	7.304	985	989	999	rBV	286696	390077	20.65%	1.198%
11	7.398	999	1005	1009	rVB3	48470	69937	3.70%	0.215%
12	7.539	1024	1029	1045	rVB	951486	1330700	70.43%	4.086%
13	8.227	1142	1146	1162	rVV	614222	932622	49.36%	2.863%
14	8.351	1162	1167	1176	rVB2	62454	96005	5.08%	0.295%
15	9.198	1307	1311	1317	rVV	43946	81505	4.31%	0.250%
16	9.333	1327	1334	1338	rVV	419176	534879	28.31%	1.642%
17	9.369	1338	1340	1347	rVV	190087	266365	14.10%	0.818%
18	9.433	1347	1351	1355	rVB	84931	101106	5.35%	0.310%
19	9.563	1367	1373	1377	rVB	40131	54716	2.90%	0.168%
20	10.145	1465	1472	1476	rBV	67769	94475	5.00%	0.290%
21	10.421	1514	1519	1524	rVB	92692	110255	5.84%	0.339%
22	10.498	1528	1532	1541	rVB	234884	303557	16.07%	0.932%
23	10.651	1551	1558	1565	rBV	137273	194845	10.31%	0.598%
24	11.116	1632	1637	1647	rVB	1522740	1846182	97.72%	5.668%
25	11.268	1660	1663	1667	rVB	59778	62420	3.30%	0.192%
26	11.339	1670	1675	1680	rBV	87671	116012	6.14%	0.356%
27	11.415	1684	1688	1693	rBV2	37369	64066	3.39%	0.197%
28	11.515	1701	1705	1707	rBV	69989	86008	4.55%	0.264%
29	11.633	1721	1725	1729	rVV	114501	159566	8.45%	0.490%
30	11.680	1729	1733	1737	rVB2	104148	130797	6.92%	0.402%
31	11.810	1751	1755	1761	rVV	334646	480688	25.44%	1.476%
32	11.857	1761	1763	1767	rVB	64730	72455	3.83%	0.222%
33	11.927	1772	1775	1784	rVV	163442	269584	14.27%	0.828%
34	12.004	1784	1788	1795	rVB7	23518	48304	2.56%	0.148%

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35	12.157	1809	1814	1817	rBV2	383552	493419	26.12%	1.515%
36	12.204	1819	1822	1829	rVV3	176802	254659	13.48%	0.782%
37	12.368	1845	1850	1856	rVB3	31391	64524	3.42%	0.198%
38	12.498	1868	1872	1876	rBV	141895	204266	10.81%	0.627%
39	12.592	1881	1888	1891	rBV2	47431	74899	3.96%	0.230%
40	12.704	1904	1907	1913	rVV3	48121	88242	4.67%	0.271%
41	12.757	1913	1916	1921	rVV2	31850	42406	2.24%	0.130%
42	12.851	1927	1932	1934	rBV	40702	55538	2.94%	0.171%
43	13.015	1950	1960	1962	rBV2	114295	181867	9.63%	0.558%
44	13.051	1962	1966	1976	rVV2	144039	207456	10.98%	0.637%
45	13.133	1976	1980	1986	rVV6	31241	52441	2.78%	0.161%
46	13.321	2008	2012	2017	rBV2	64858	109574	5.80%	0.336%
47	13.368	2017	2020	2025	rVB2	42534	62409	3.30%	0.192%
48	13.451	2030	2034	2042	rBV	533857	821637	43.49%	2.523%
49	13.680	2069	2073	2078	rVV5	46042	67697	3.58%	0.208%
50	13.804	2086	2094	2102	rBV3	151598	368484	19.50%	1.131%
51	14.174	2153	2157	2161	rBV3	49648	73931	3.91%	0.227%
52	14.280	2172	2175	2181	rVV	80482	105976	5.61%	0.325%
53	14.380	2189	2192	2196	rVB	59013	80343	4.25%	0.247%
54	14.515	2210	2215	2217	rBV	91379	116061	6.14%	0.356%
55	14.551	2217	2221	2224	rVV	347395	448488	23.74%	1.377%
56	14.586	2224	2227	2233	rVB	633076	762838	40.38%	2.342%
57	14.674	2238	2242	2250	rVB	307596	420464	22.25%	1.291%
58	14.774	2256	2259	2263	rBV4	29907	47772	2.53%	0.147%
59	14.951	2285	2289	2292	rBV5	28901	51235	2.71%	0.157%
60	14.992	2292	2296	2303	rVV2	77899	147353	7.80%	0.452%
61	15.086	2309	2312	2317	rBV3	57164	74727	3.96%	0.229%
62	15.198	2327	2331	2335	rBV	87403	122097	6.46%	0.375%
63	15.356	2354	2358	2362	rBV	143765	158835	8.41%	0.488%
64	15.403	2362	2366	2372	rVV	161381	204587	10.83%	0.628%
65	15.474	2375	2378	2381	rVV	55200	65603	3.47%	0.201%
66	15.509	2381	2384	2388	rVV2	154134	223467	11.83%	0.686%
67	15.556	2388	2392	2394	rVV2	93477	151661	8.03%	0.466%
68	15.586	2394	2397	2404	rVB	157750	203626	10.78%	0.625%
69	15.809	2431	2435	2439	rBV	185498	229646	12.15%	0.705%
70	15.880	2444	2447	2455	rVV2	78038	116999	6.19%	0.359%
71	16.074	2477	2480	2484	rBV2	57618	62799	3.32%	0.193%

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72	16.174	2493	2497	2500	rBV	138184	182242	9.65%	0.560%
73	16.215	2500	2504	2507	rVB3	62904	96939	5.13%	0.298%
74	16.298	2514	2518	2524	rBV2	165759	240706	12.74%	0.739%
75	16.380	2525	2532	2536	rBV	1235685	1546811	81.87%	4.749%
76	16.480	2546	2549	2552	rBV2	60760	78300	4.14%	0.240%
77	16.515	2552	2555	2558	rVB2	65008	72297	3.83%	0.222%
78	16.568	2561	2564	2567	rBV2	63712	87182	4.61%	0.268%
79	16.680	2578	2583	2588	rBV	1350734	1683070	89.08%	5.168%
80	16.833	2605	2609	2613	rBV	296295	335636	17.76%	1.031%
81	16.874	2613	2616	2620	rVB2	124367	140070	7.41%	0.430%
82	16.933	2621	2626	2633	rVB	1059839	1260200	66.70%	3.869%
83	17.009	2636	2639	2644	rBV2	81844	119635	6.33%	0.367%
84	17.121	2654	2658	2661	rBV2	115568	198706	10.52%	0.610%
85	17.150	2661	2663	2668	rVB2	135704	157386	8.33%	0.483%
86	17.239	2676	2678	2682	rVB	96579	90302	4.78%	0.277%
87	17.286	2683	2686	2693	rBV3	168842	295248	15.63%	0.907%
88	17.397	2703	2705	2709	rVB	104849	104313	5.52%	0.320%
89	17.844	2778	2781	2785	rVB	149947	185220	9.80%	0.569%
90	17.956	2798	2800	2802	rBV2	82923	70517	3.73%	0.217%
91	17.986	2803	2805	2808	rVB2	140493	135313	7.16%	0.415%
92	18.021	2808	2811	2814	rBV	106018	113412	6.00%	0.348%
93	18.133	2826	2830	2836	rVB2	194461	268647	14.22%	0.825%
94	18.274	2850	2854	2859	rBV2	709643	1259241	66.65%	3.866%
95	18.321	2859	2862	2866	rVB	521141	646027	34.19%	1.984%
96	18.944	2965	2968	2971	rBV3	142714	169072	8.95%	0.519%
97	19.562	3069	3073	3076	rBV	683199	969922	51.34%	2.978%
98	19.850	3119	3122	3129	rBV	433824	532890	28.20%	1.636%
99	19.909	3129	3132	3135	rBV	320017	355044	18.79%	1.090%
100	19.968	3139	3142	3144	rBV	180958	182336	9.65%	0.560%

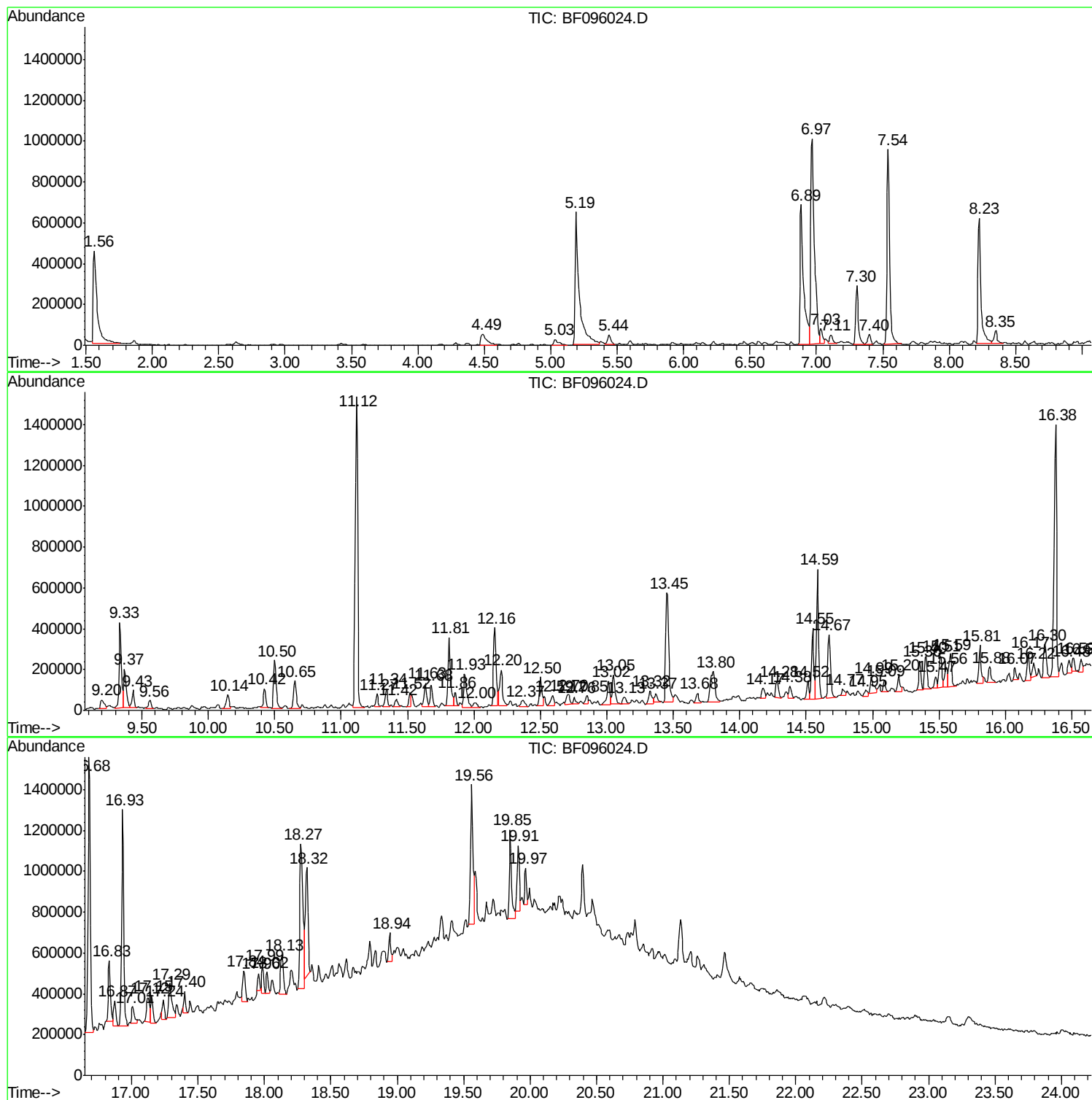
Sum of corrected areas: 32569561

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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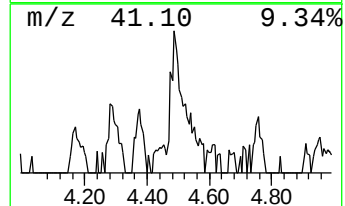
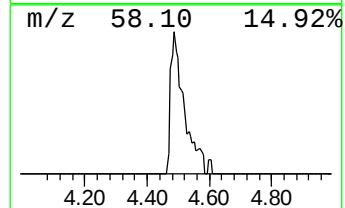
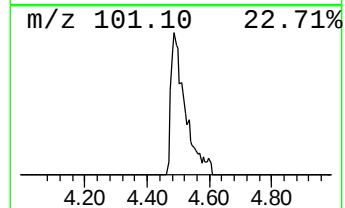
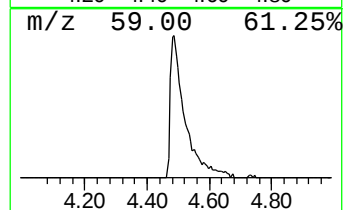
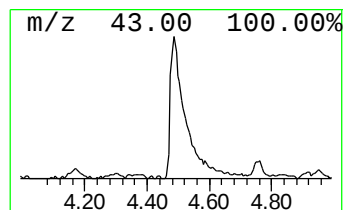
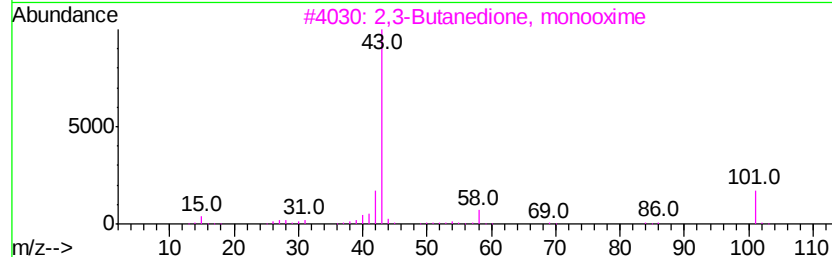
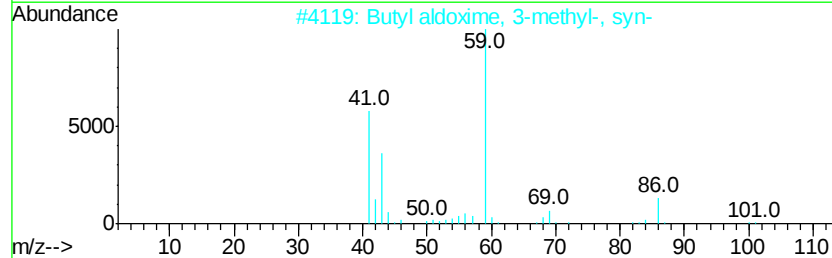
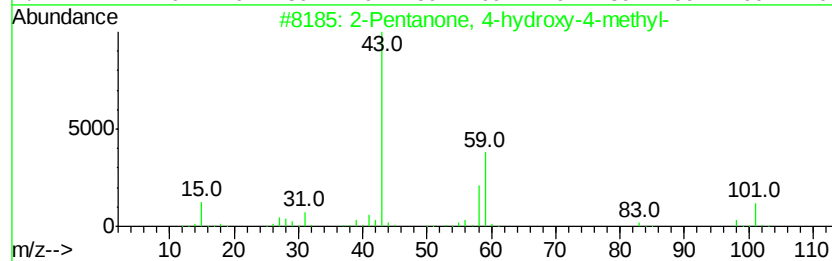
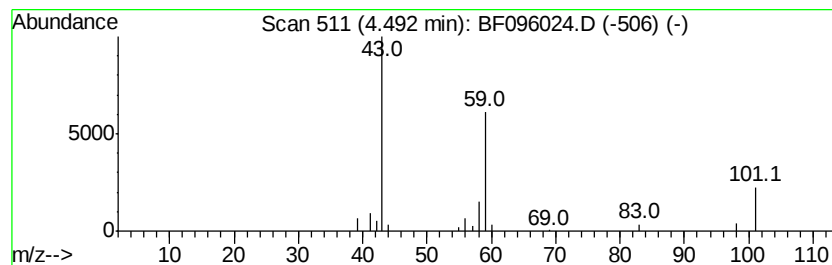
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.49	8.35 ng	162769	1,4-Dichlorobenzene-d4	7.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4			5-Hexen-2-one	98	C6H10O	000109-49-9	9
5			2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9



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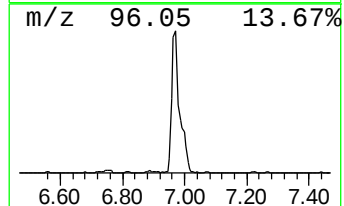
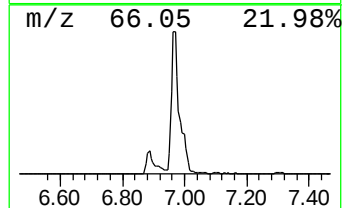
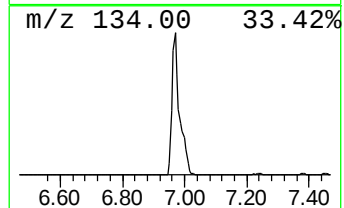
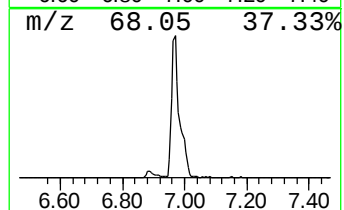
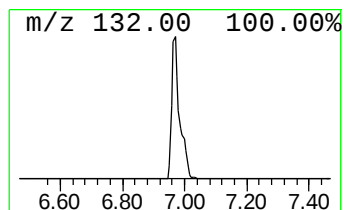
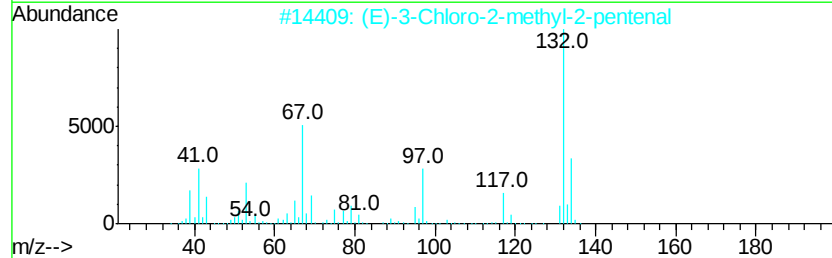
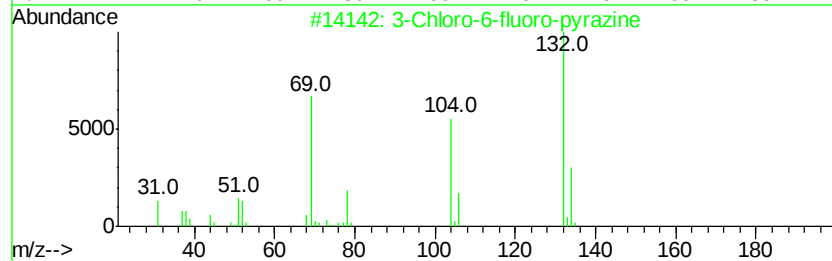
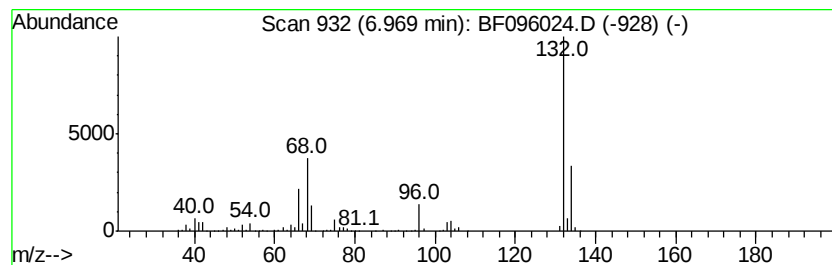
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.97 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	96.87 ng	1889350	1,4-Dichlorobenzene-d4	7.30

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	17
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		Xenon	132	Xe	007440-63-3	9



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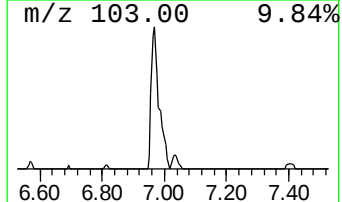
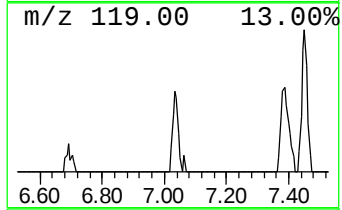
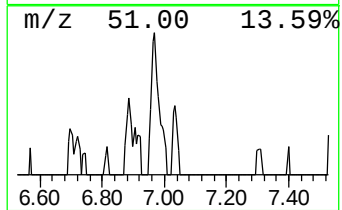
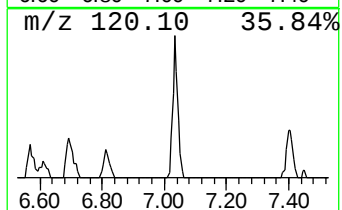
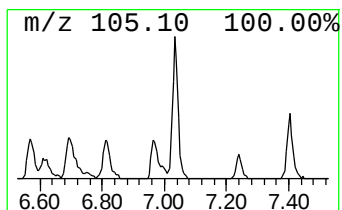
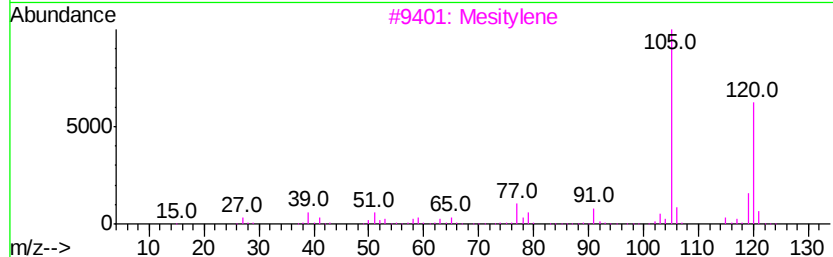
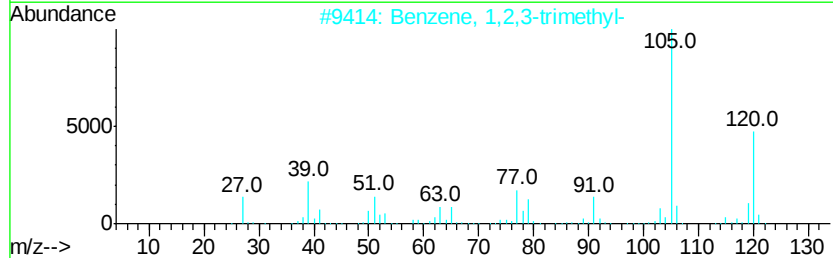
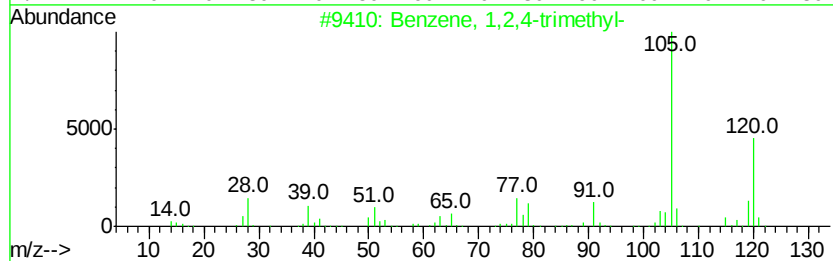
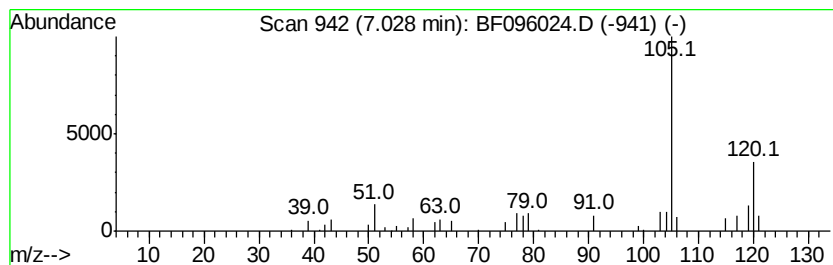
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Peak Number 4 Benzene, 1,2,4-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	5.32 ng	103694	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Mesitylene	120	C9H12	000108-67-8	90
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	83
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
Data File : BF096024.D
Acq On : 20 Jun 2017 3:02
Operator : SJ/MA
Sample : I3688-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

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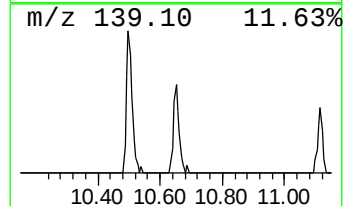
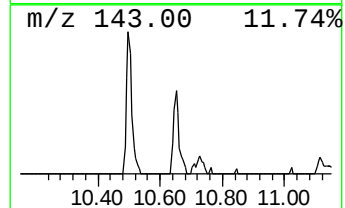
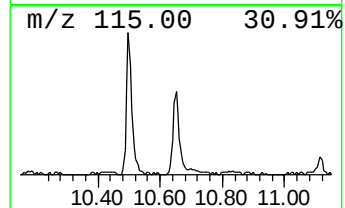
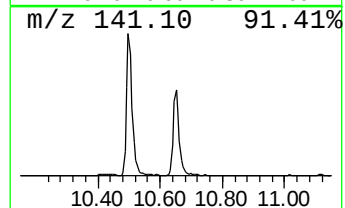
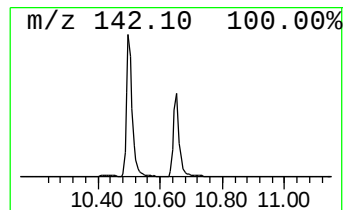
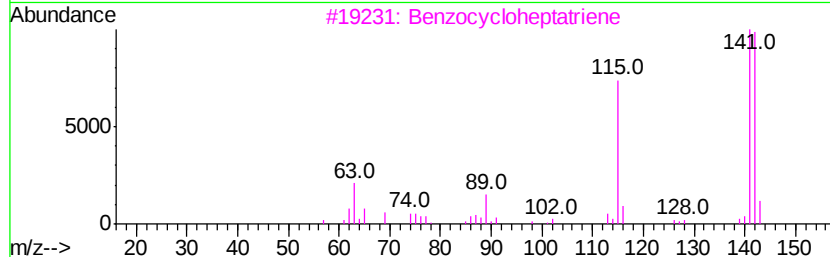
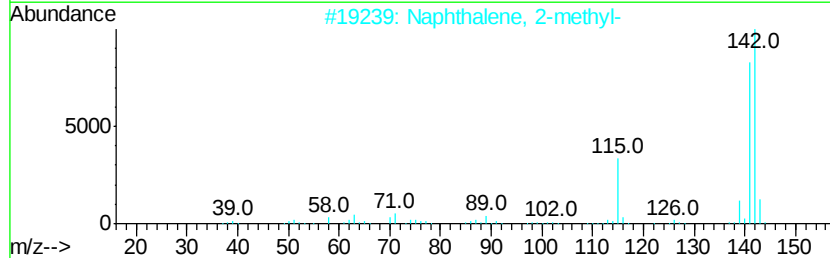
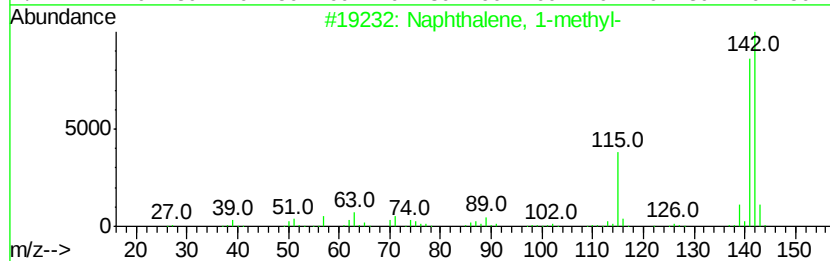
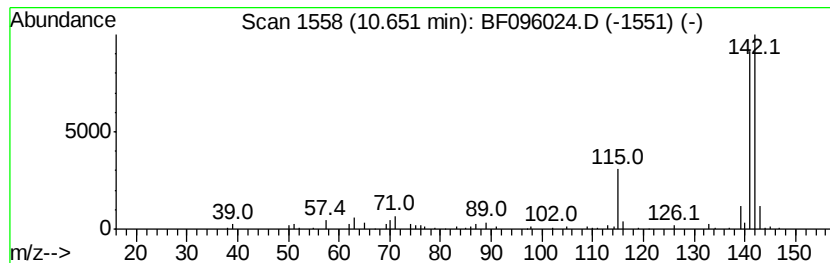
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	7.29 ng	194845	Naphthalene-d8	9.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
Data File : BF096024.D
Acq On : 20 Jun 2017 3:02
Operator : SJ/MA
Sample : I3688-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

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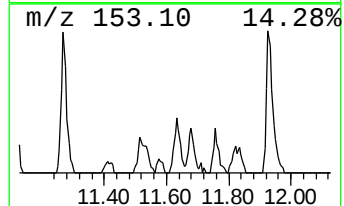
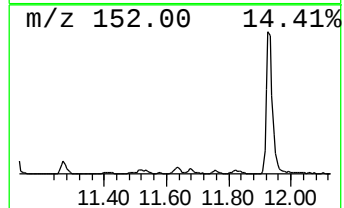
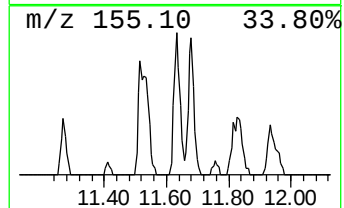
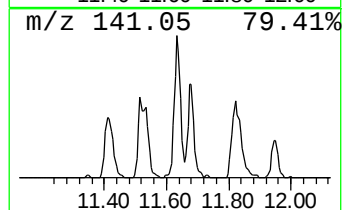
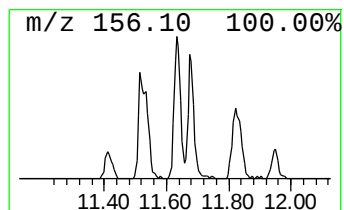
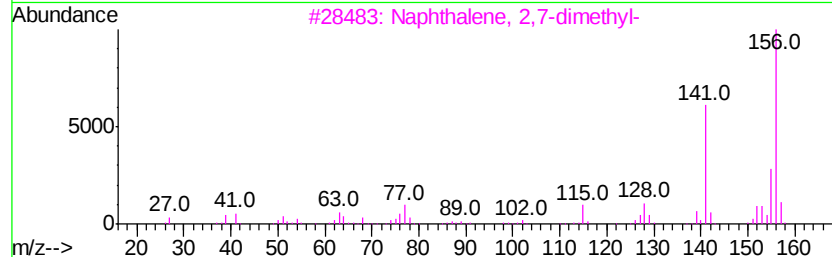
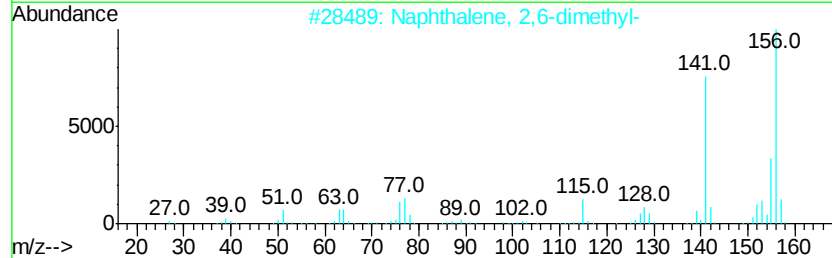
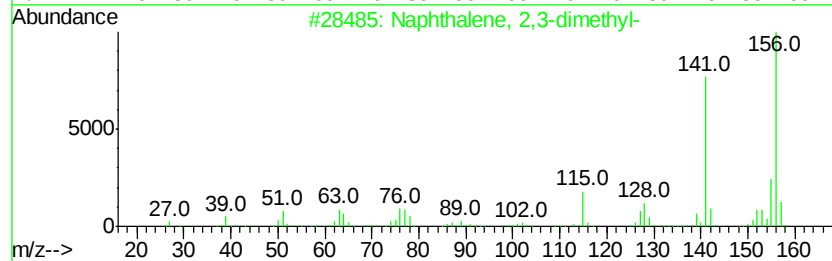
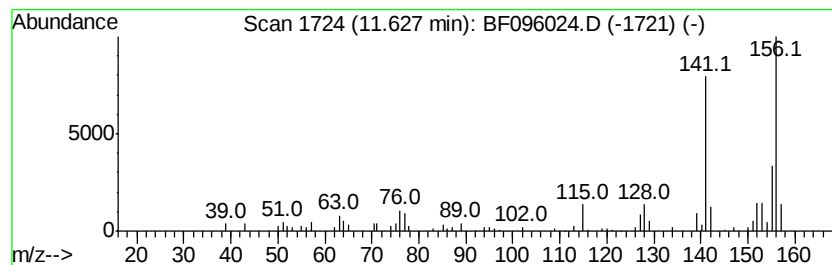
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	6.47 ng	159566	Acenaphthene-d10	12.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
Data File : BF096024.D
Acq On : 20 Jun 2017 3:02
Operator : SJ/MA
Sample : I3688-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

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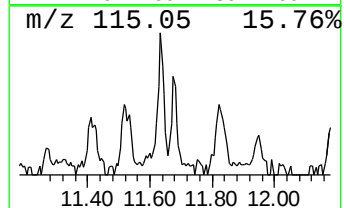
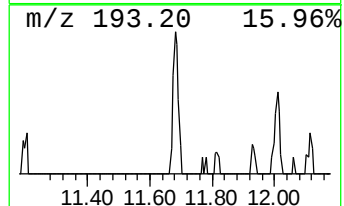
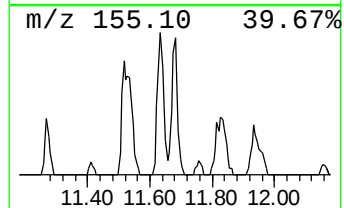
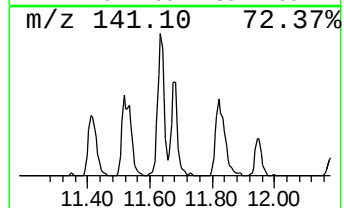
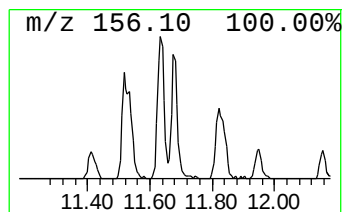
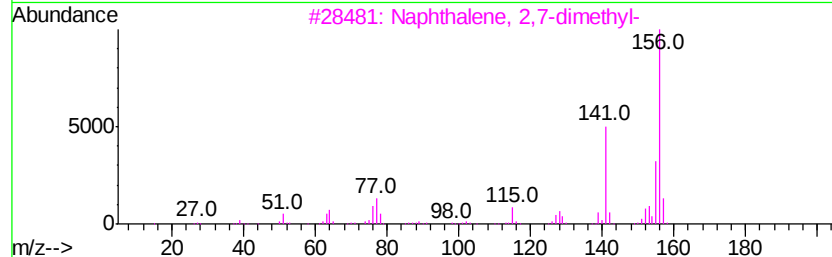
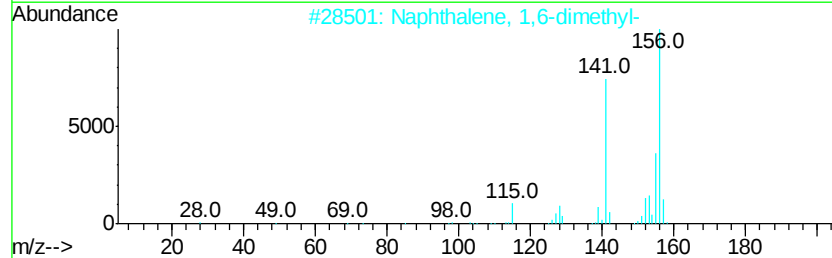
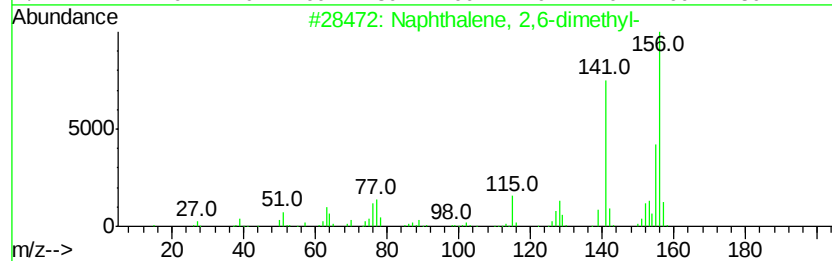
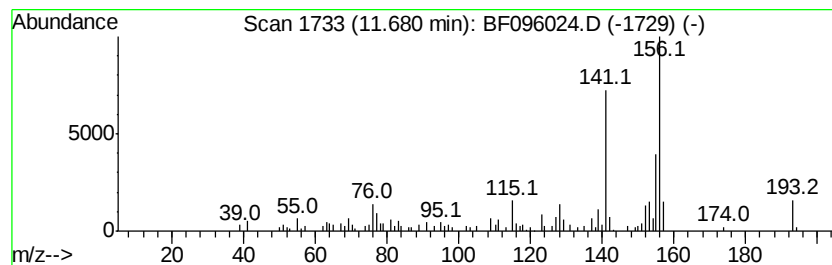
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	5.30 ng	130797	Acenaphthene-d10	12.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096024.D
Acq On : 20 Jun 2017 3:02
Operator : SJ/MA
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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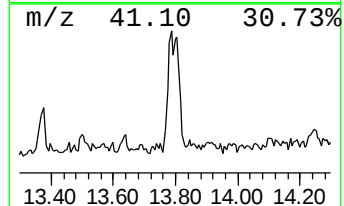
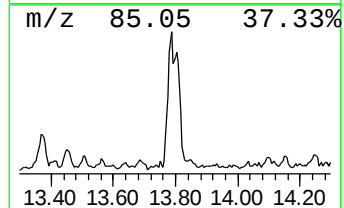
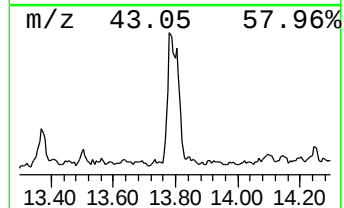
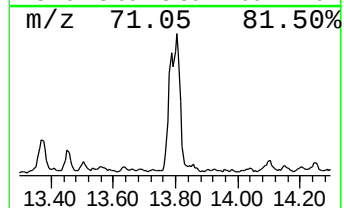
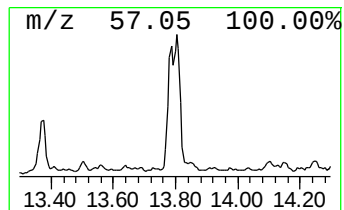
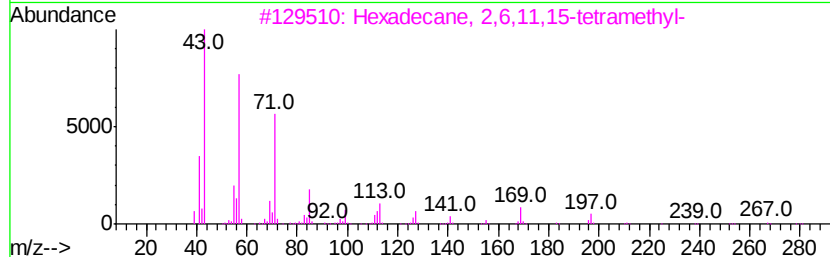
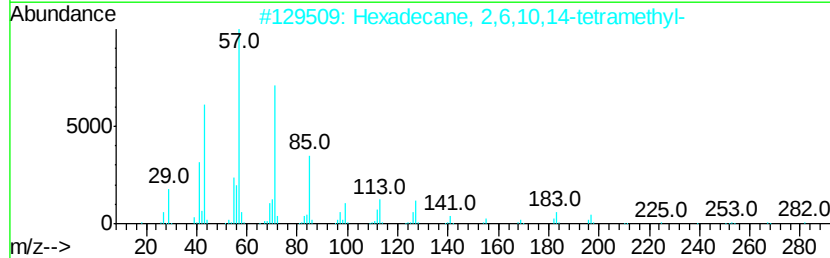
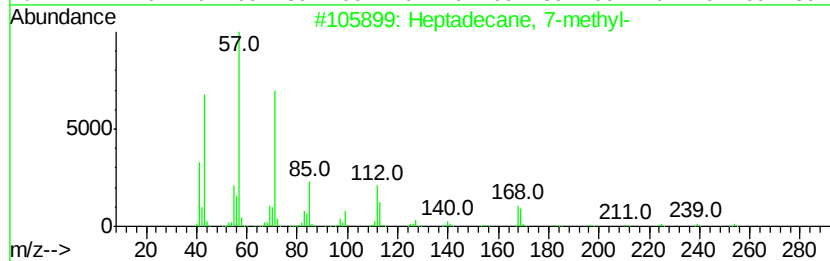
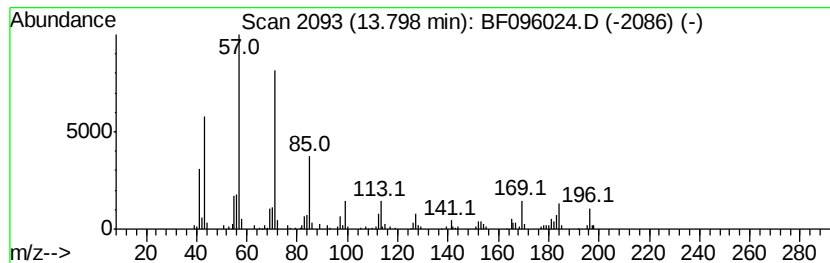
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane, 7-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	16.43 ng	368484	Phenanthrene-d10	14.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	86
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
3		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
5		Tridecane	184	C13H28	000629-50-5	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
Data File : BF096024.D
Acq On : 20 Jun 2017 3:02
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Misc :
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Instrument :
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ClientSampleId :
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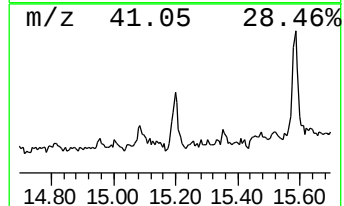
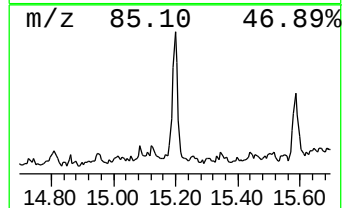
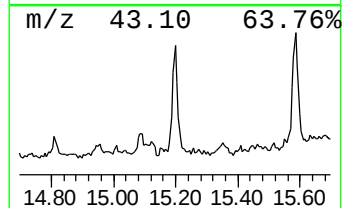
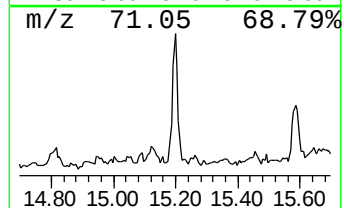
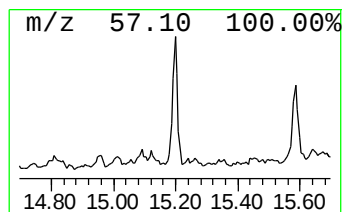
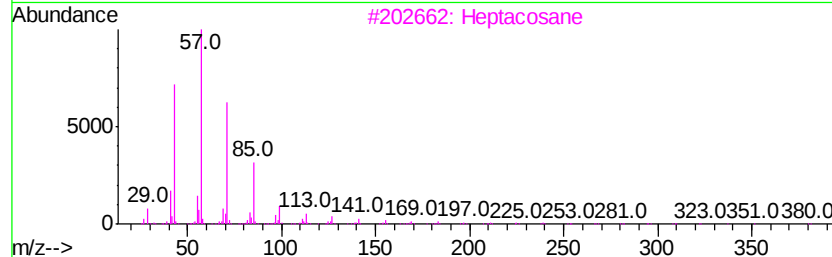
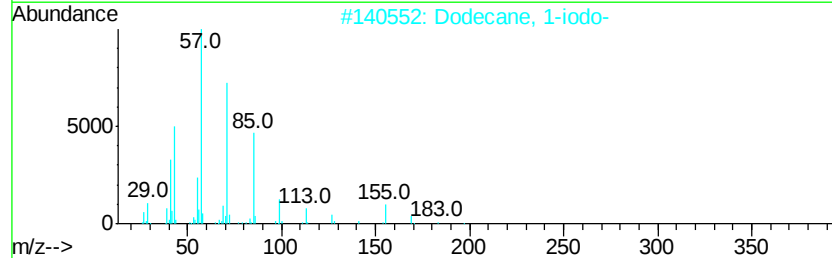
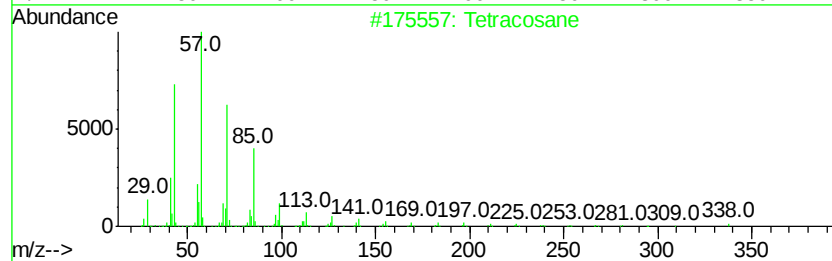
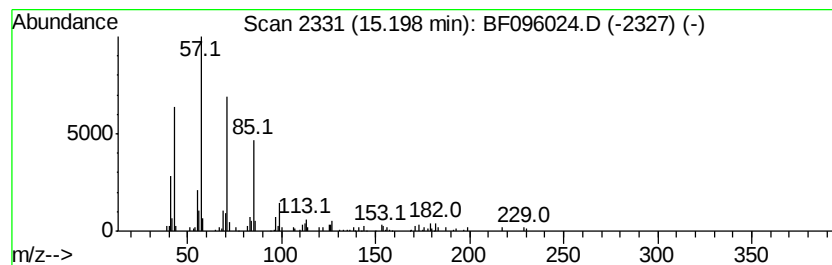
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetracosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	5.44 ng	122097	Phenanthrene-d10	14.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	83
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
3		Heptacosane	380	C27H56	000593-49-7	80
4		Heptadecane	240	C17H36	000629-78-7	80
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096024.D
Acq On : 20 Jun 2017 3:02
Operator : SJ/MA
Sample : I3688-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

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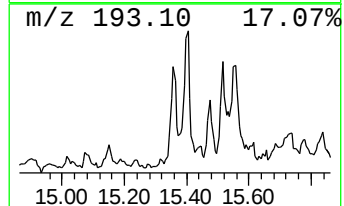
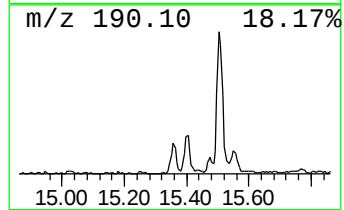
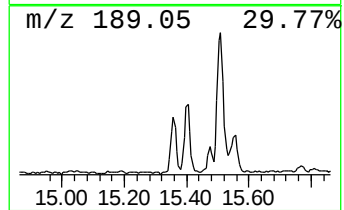
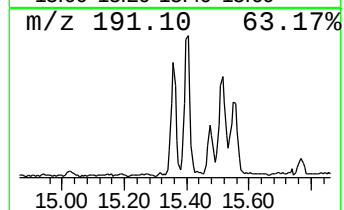
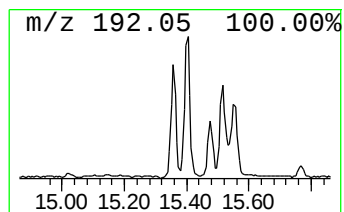
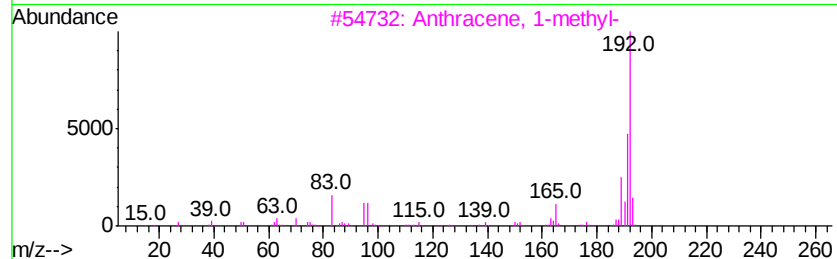
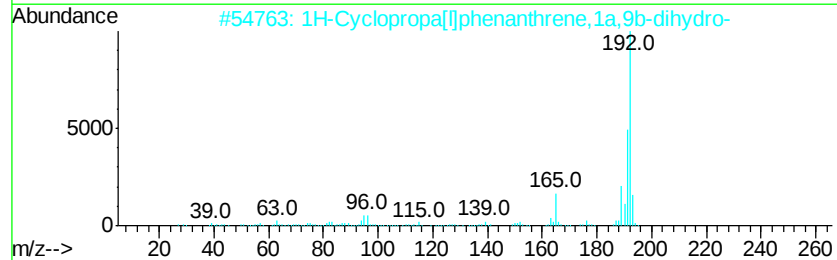
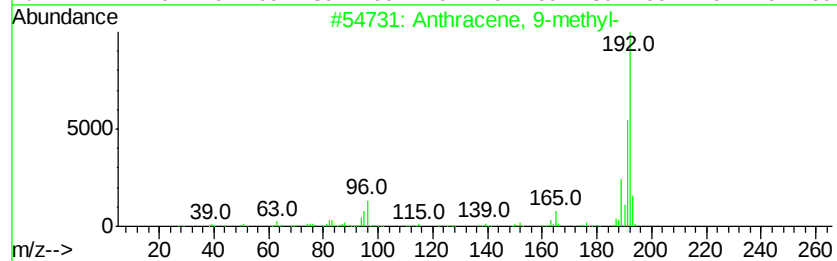
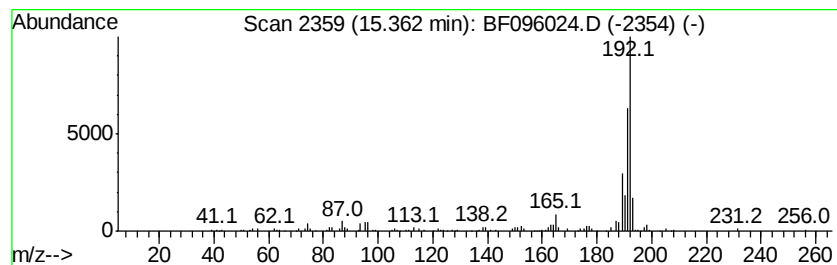
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	7.08 ng	158835	Phenanthrene-d10	14.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096024.D
Acq On : 20 Jun 2017 3:02
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ALS Vial : 25 Sample Multiplier: 1

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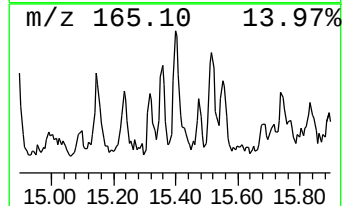
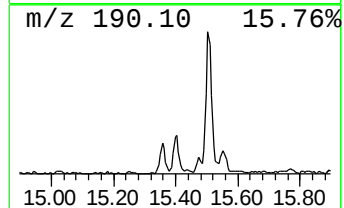
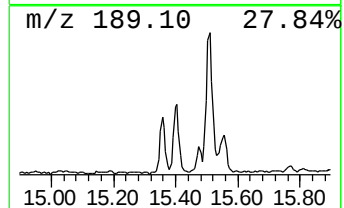
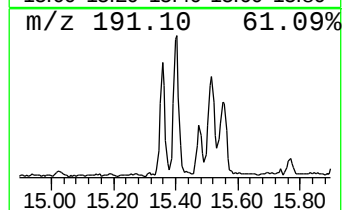
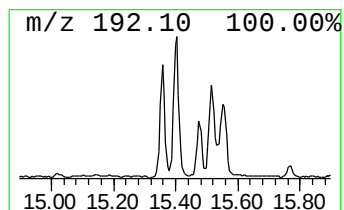
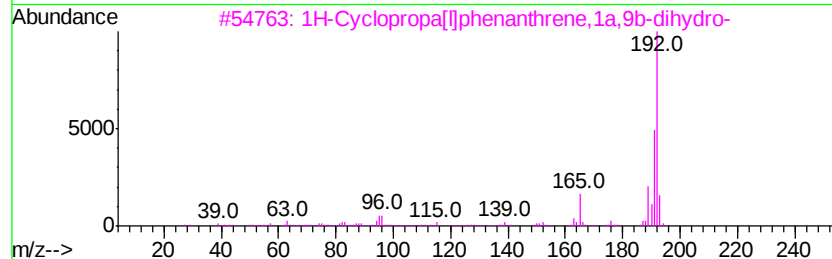
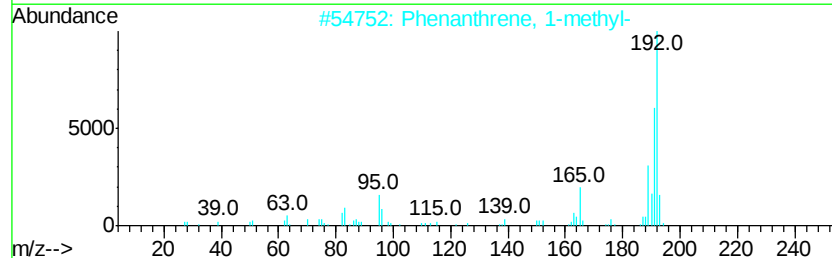
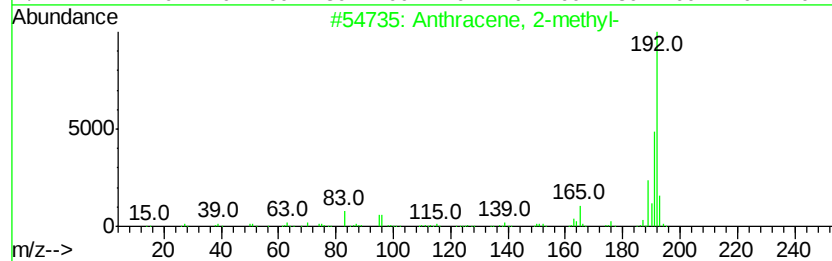
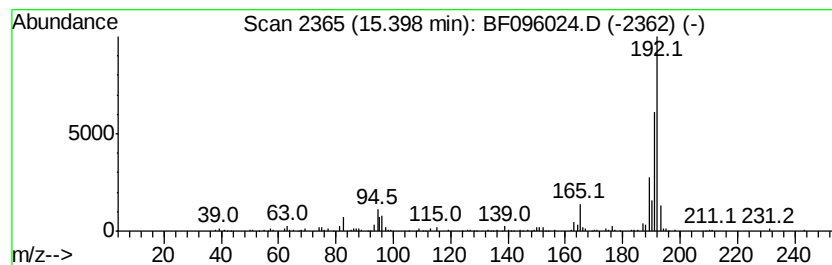
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	9.12 ng	204587	Phenanthrene-d10	14.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
Data File : BF096024.D
Acq On : 20 Jun 2017 3:02
Operator : SJ/MA
Sample : I3688-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G16-0-1.5

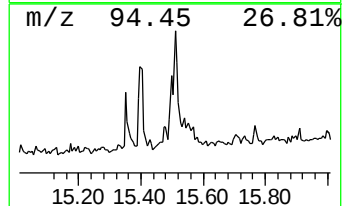
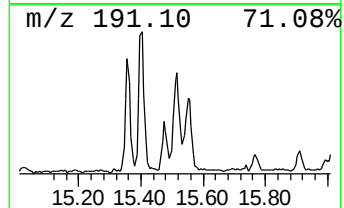
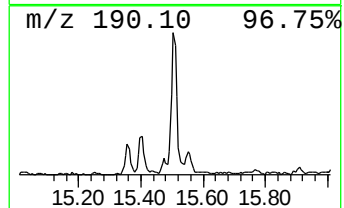
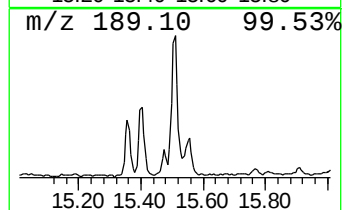
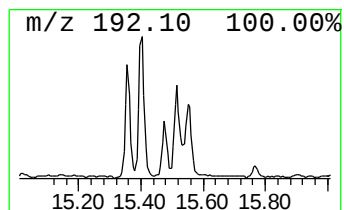
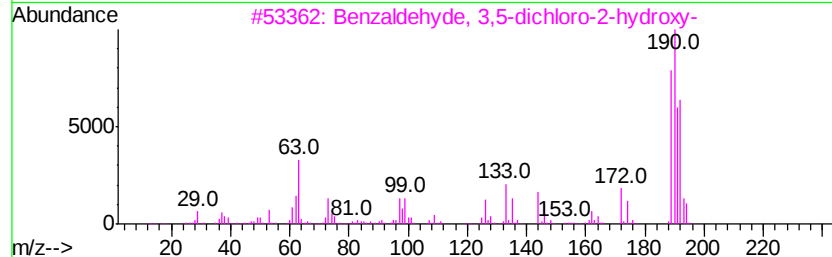
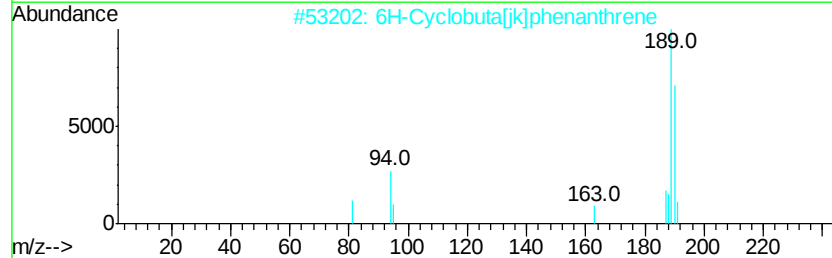
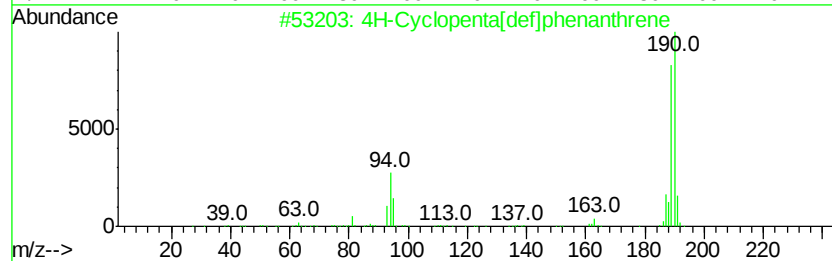
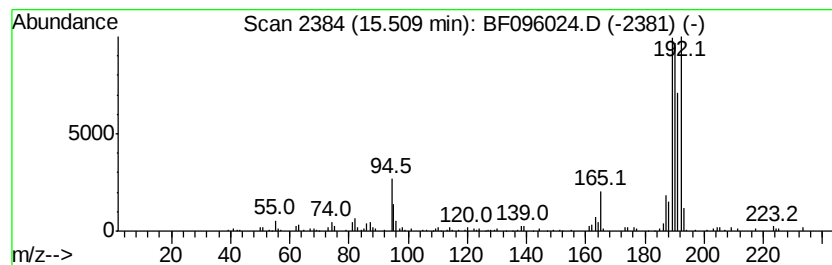
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	9.97 ng	223467	Phenanthrene-d10	14.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49
3		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	47
4		1a,9b-Dihydro-1H-cyclopropa[alan...	192	C15H12	006109-24-6	38
5		1-(3-Nitro-phenyl)-pyrrolidine	192	C10H12N2O2	1000300-34-7	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
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Acq On : 20 Jun 2017 3:02
Operator : SJ/MA
Sample : I3688-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

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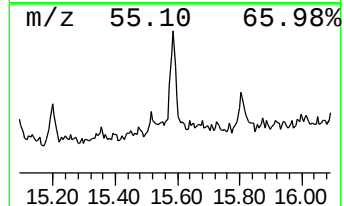
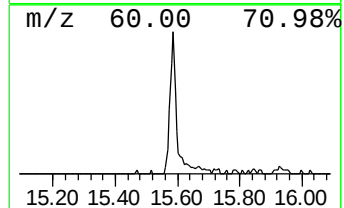
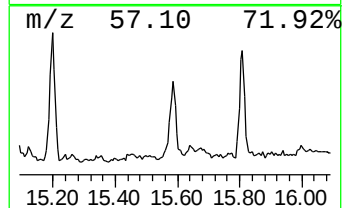
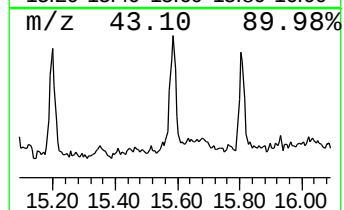
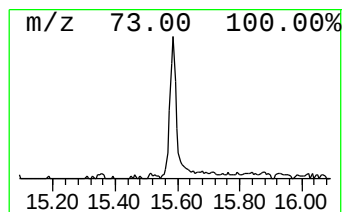
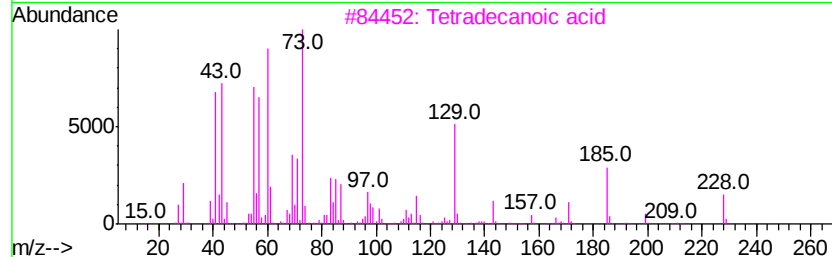
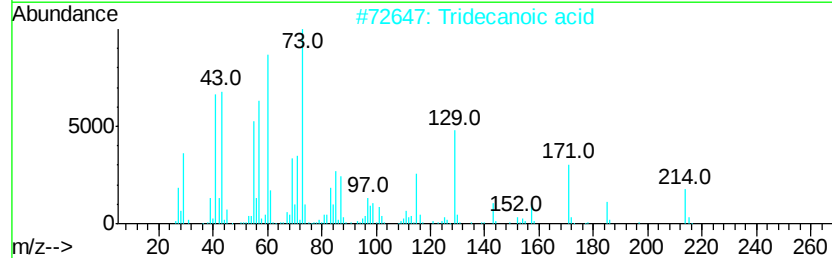
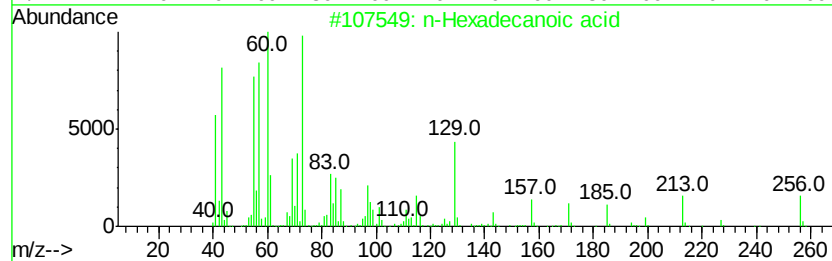
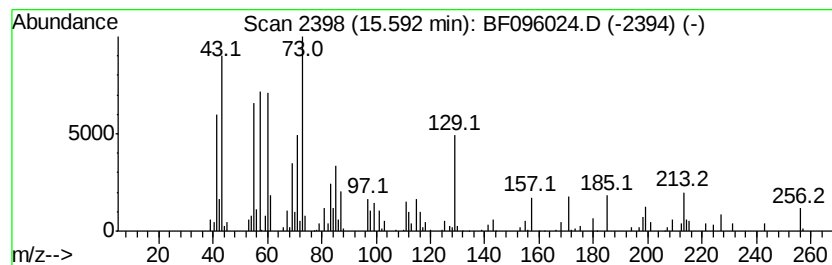
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	9.08 ng	203626	Phenanthrene-d10	14.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	78
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5			Dodecanoic acid	200	C12H24O2	000143-07-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
Data File : BF096024.D
Acq On : 20 Jun 2017 3:02
Operator : SJ/MA
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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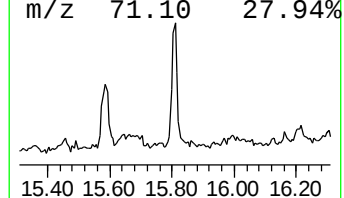
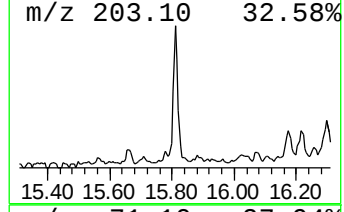
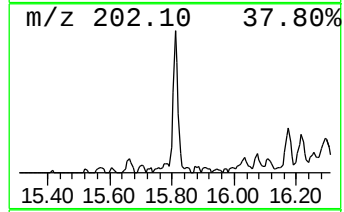
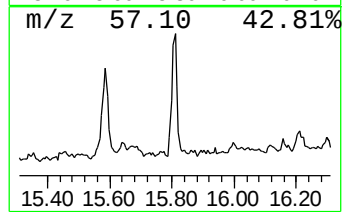
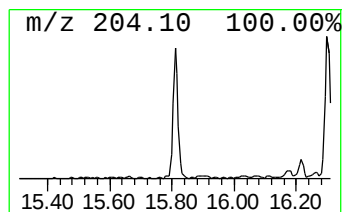
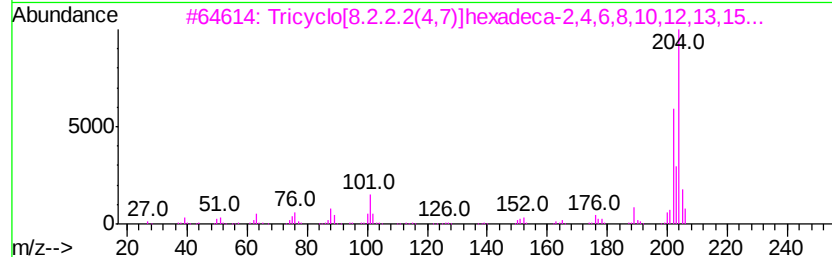
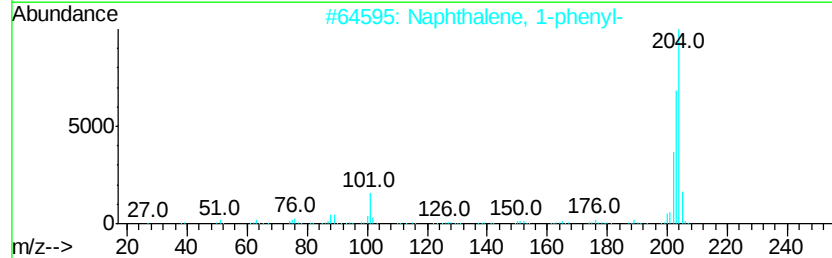
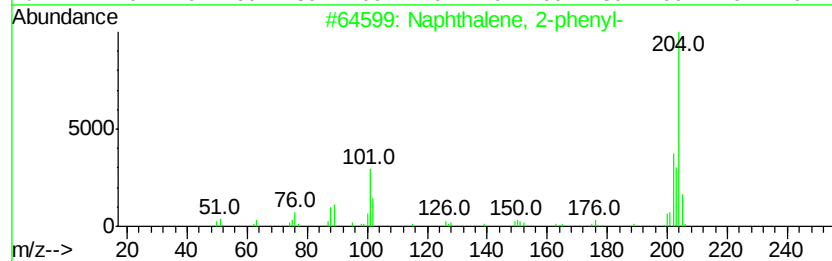
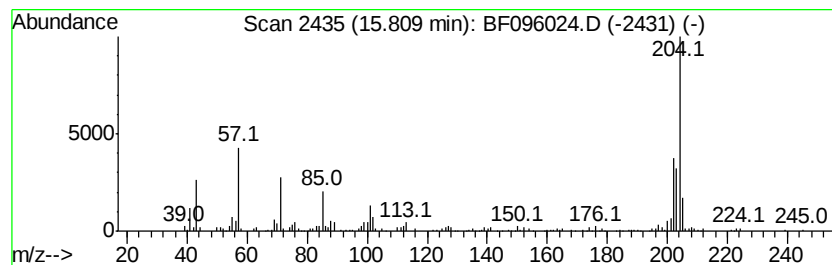
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	10.24 ng	229646	Phenanthrene-d10	14.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
2		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
4		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096024.D
Acq On : 20 Jun 2017 3:02
Operator : SJ/MA
Sample : I3688-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

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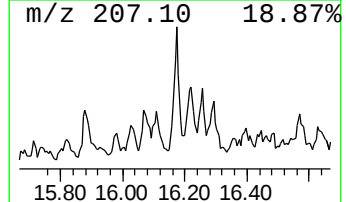
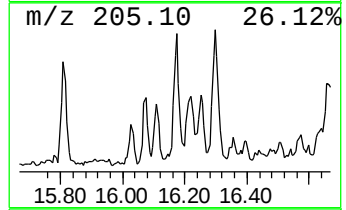
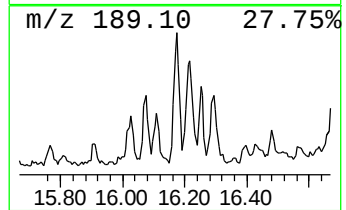
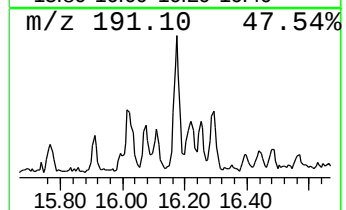
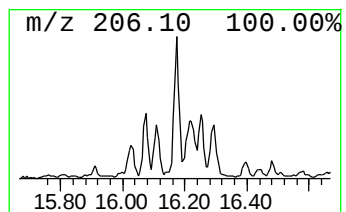
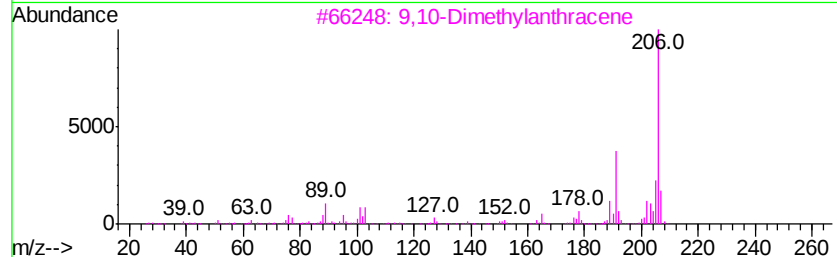
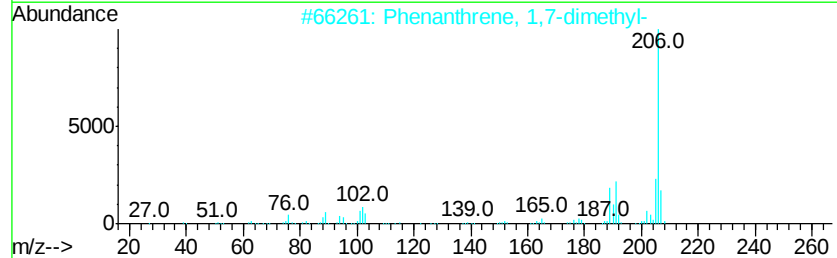
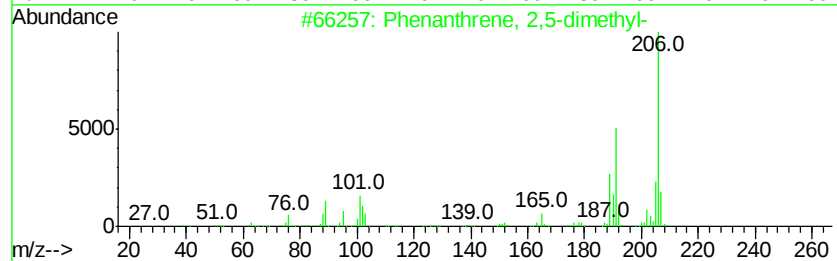
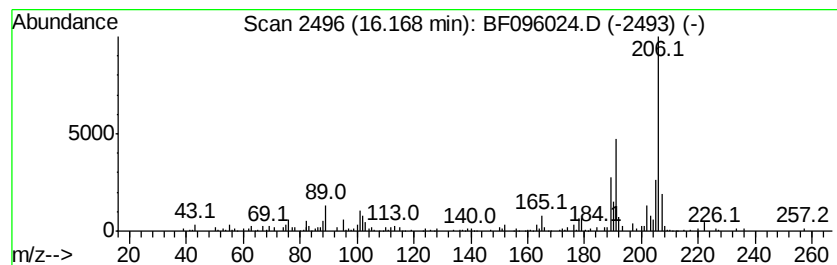
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	8.13 ng	182242	Phenanthrene-d10	14.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
Data File : BF096024.D
Acq On : 20 Jun 2017 3:02
Operator : SJ/MA
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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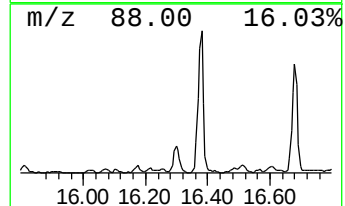
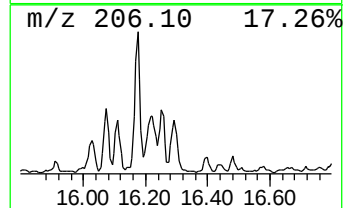
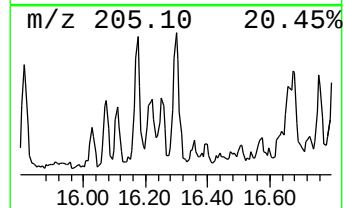
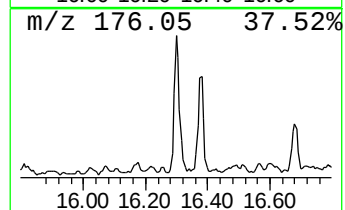
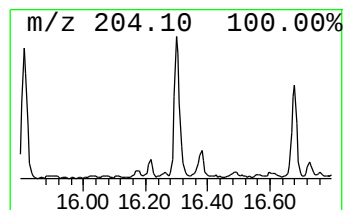
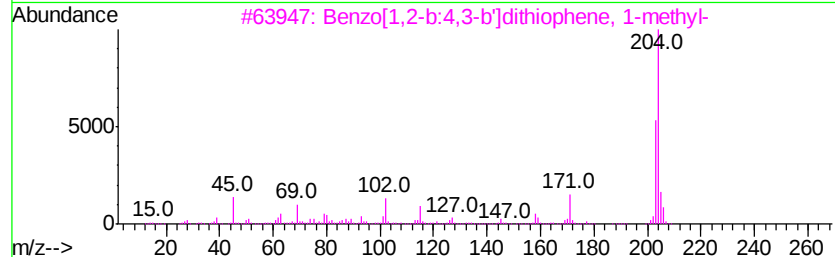
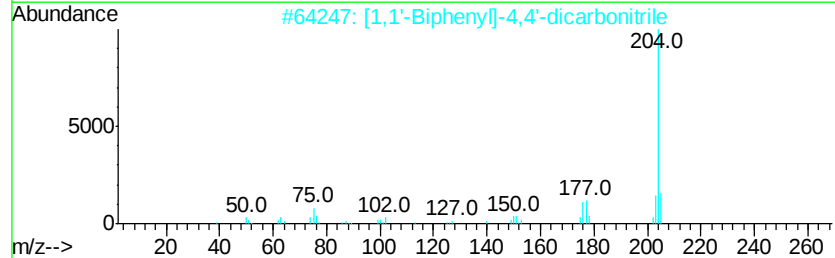
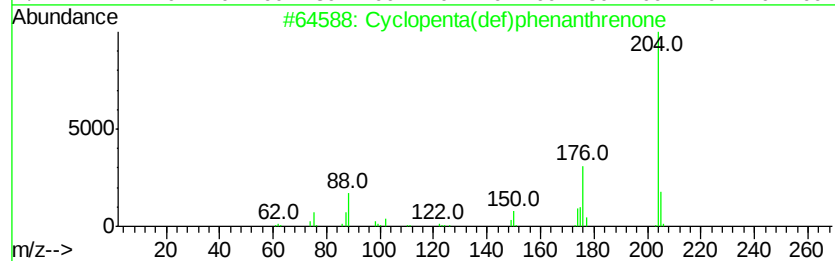
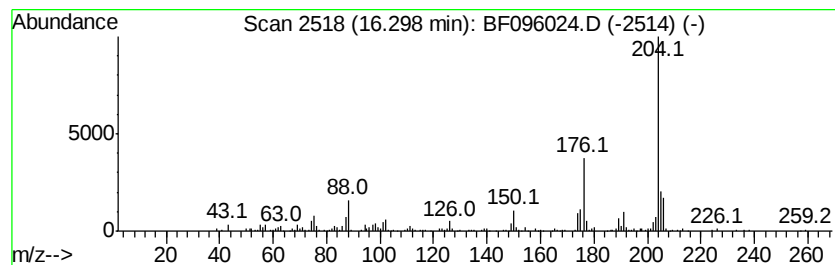
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	10.73 ng	240706	Phenanthrene-d10	14.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	64
3		Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	49
4		1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	49
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
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Acq On : 20 Jun 2017 3:02
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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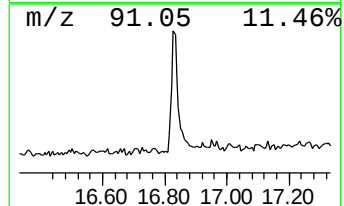
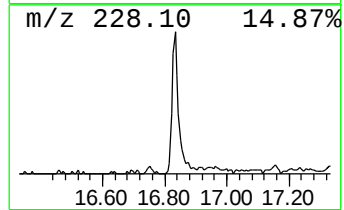
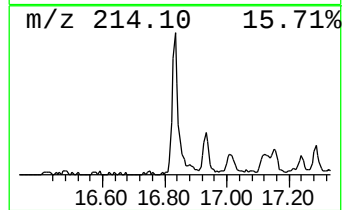
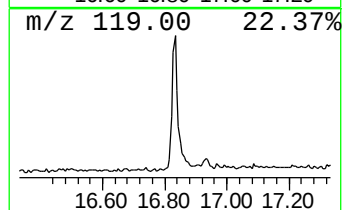
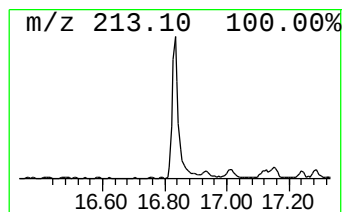
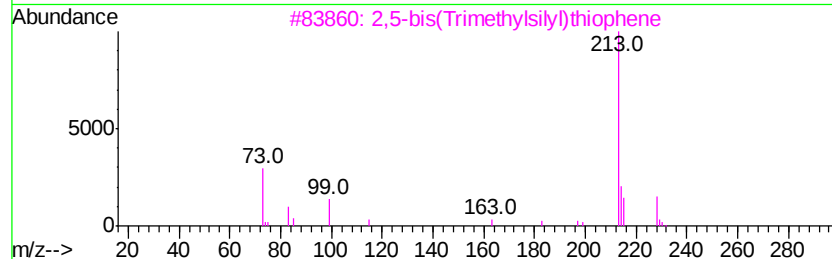
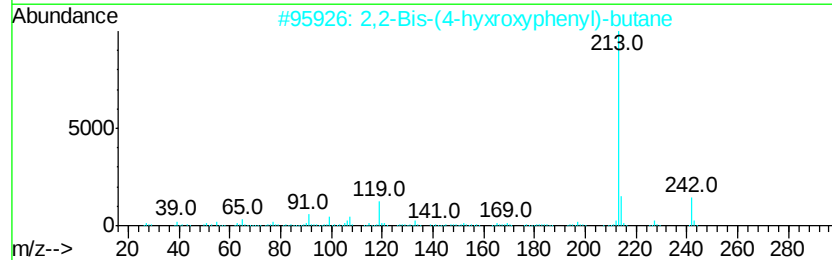
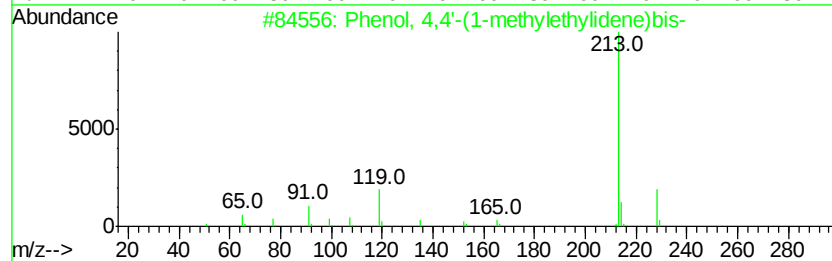
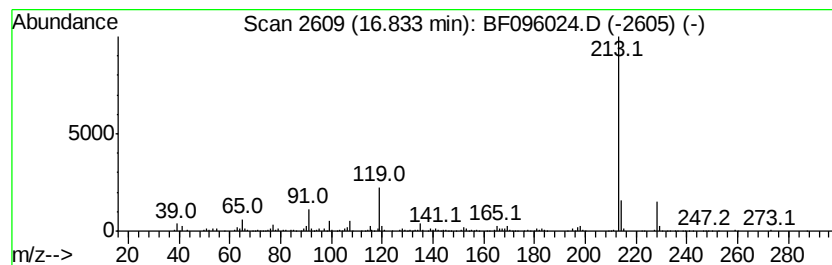
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenol, 4,4'-(1-methylethyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	5.33 ng	335636	Chrysene-d12	18.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4,4'-(1-methylethylidene)...	228	C15H16O2	000080-05-7	95
2		2,2-Bis-(4-hydroxyphenyl)-butane	242	C16H18O2	000077-40-7	72
3		2,5-bis(Trimethylsilyl)thiophene	228	C10H20SSi2	017906-71-7	53
4		Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	49
5		Diphenolic acid	286	C17H18O4	000126-00-1	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
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Acq On : 20 Jun 2017 3:02
Operator : SJ/MA
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
G16-0-1.5

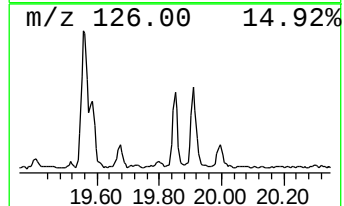
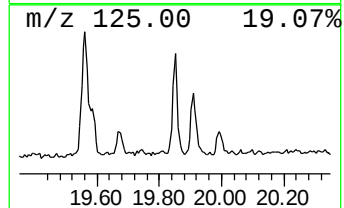
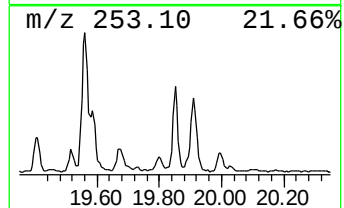
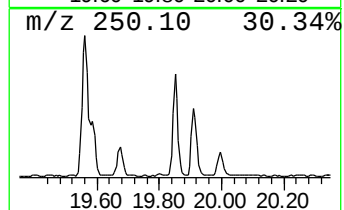
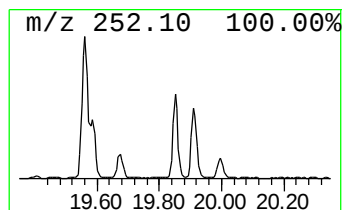
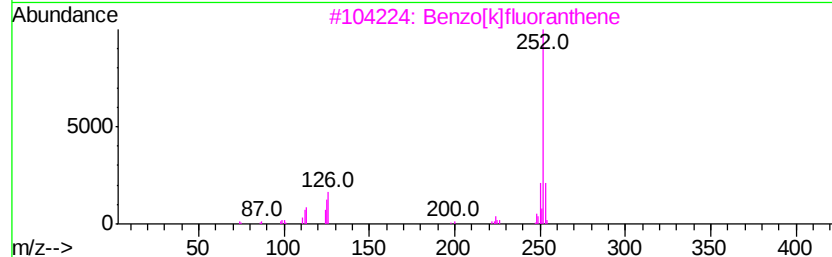
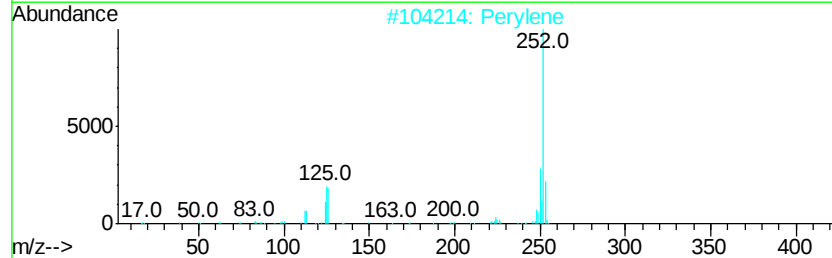
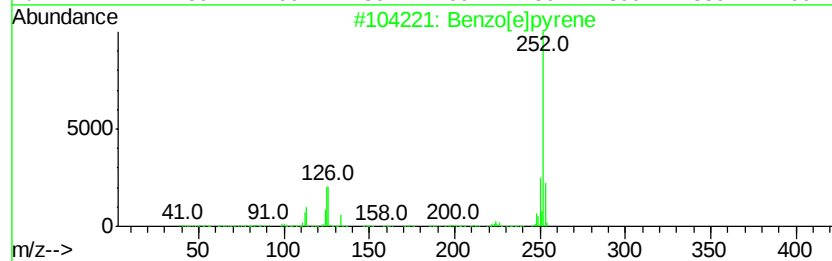
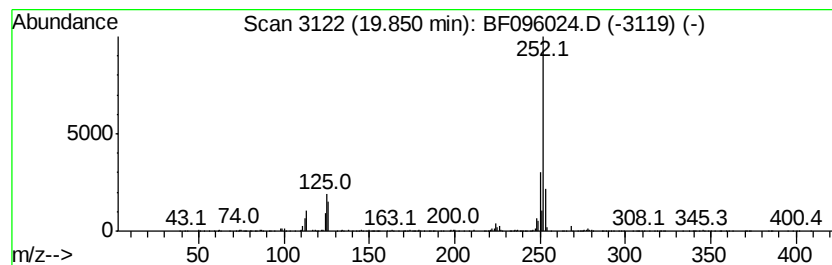
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	58.45 ng	532890	Perylene-d12	19.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Perylene	252	C20H12	000198-55-0	99
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
4		Benzo[a]pyrene	252	C20H12	000050-32-8	95
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
 Data File : BF096024.D
 Acq On : 20 Jun 2017 3:02
 Operator : SJ/MA
 Sample : I3688-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G16-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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...	4.49	8.3	ng	162769	1	7.30	390077	20.0
unknown6.97	6.97	96.9	ng	1889350	1	7.30	390077	20.0
Benzene, 1,2,4-tr...	7.03	5.3	ng	103694	1	7.30	390077	20.0
Naphthalene, 1-me...	10.65	7.3	ng	194845	2	9.33	534879	20.0
Naphthalene, 2,3-...	11.63	6.5	ng	159566	3	12.16	493419	20.0
Naphthalene, 2,6-...	11.68	5.3	ng	130797	3	12.16	493419	20.0
Heptadecane, 7-me...	13.80	16.4	ng	368484	4	14.55	448488	20.0
Tetracosane	15.20	5.4	ng	122097	4	14.55	448488	20.0
Anthracene, 9-met...	15.36	7.1	ng	158835	4	14.55	448488	20.0
Anthracene, 2-met...	15.40	9.1	ng	204587	4	14.55	448488	20.0
4H-Cyclopenta[def...	15.51	10.0	ng	223467	4	14.55	448488	20.0
n-Hexadecanoic acid	15.59	9.1	ng	203626	4	14.55	448488	20.0
Naphthalene, 2-ph...	15.81	10.2	ng	229646	4	14.55	448488	20.0
Phenanthrene, 2,5...	16.17	8.1	ng	182242	4	14.55	448488	20.0
Cyclopenta(def)ph...	16.30	10.7	ng	240706	4	14.55	448488	20.0
Phenol, 4,4'-(1-m...	16.83	5.3	ng	335636	5	18.29	1259240	20.0
Benzo[e]pyrene	19.85	58.5	ng	532890	6	19.97	182336	20.0