

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
 Data File : BF095538.D
 Acq On : 30 May 2017 16:39
 Operator : SJ/MA
 Sample : I3281-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP10-SS4

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-BF050217.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	2.455	71	88	95	rVB2	29618	87677	3.61%	0.252%
2	3.402	241	249	261	rBV	21786	65635	2.71%	0.189%
3	4.996	511	520	528	rVB2	50733	82674	3.41%	0.238%
4	5.084	530	535	552	rVV	82125	243071	10.02%	0.699%
5	5.572	611	618	621	rBV	86701	136970	5.65%	0.394%
6	5.701	637	640	670	rBV	733245	2000328	82.46%	5.749%
7	5.954	678	683	689	rVB	89576	130519	5.38%	0.375%
8	7.137	877	884	889	rBV2	37779	59146	2.44%	0.170%
9	7.284	906	909	925	rVV	778514	1821952	75.11%	5.237%
10	7.401	925	929	938	rVV	1279922	2365253	97.51%	6.798%
11	7.472	938	941	947	rVV	125254	177215	7.31%	0.509%
12	7.531	947	951	960	rVB2	49977	81142	3.35%	0.233%
13	7.737	982	986	995	rBV	429696	537729	22.17%	1.546%
14	7.813	995	999	1001	rBV3	49726	67526	2.78%	0.194%
15	7.972	1021	1026	1044	rVB	1373547	1769931	72.97%	5.087%
16	8.642	1136	1140	1155	rBV	621004	1211575	49.95%	3.482%
17	8.748	1155	1158	1163	rVB	65317	80493	3.32%	0.231%
18	9.760	1325	1330	1334	rBV	437017	644983	26.59%	1.854%
19	9.831	1340	1342	1355	rVB2	87663	128407	5.29%	0.369%
20	10.542	1458	1463	1467	rBV	77312	86201	3.55%	0.248%
21	10.819	1504	1510	1518	rVB	75237	104122	4.29%	0.299%
22	10.925	1522	1528	1539	rBV	167791	261058	10.76%	0.750%
23	11.072	1547	1553	1560	rBV	150945	217930	8.98%	0.626%
24	11.525	1625	1630	1647	rVV	1659605	2425679	100.00%	6.972%
25	11.742	1664	1667	1672	rVV	83272	94369	3.89%	0.271%
26	11.842	1679	1684	1696	rVB	27977	68121	2.81%	0.196%
27	11.954	1697	1703	1709	rBV3	50827	124166	5.12%	0.357%
28	12.060	1717	1721	1725	rBV	118905	173327	7.15%	0.498%
29	12.107	1725	1729	1737	rVB	89671	139404	5.75%	0.401%
30	12.224	1745	1749	1753	rBV	300125	457612	18.87%	1.315%
31	12.266	1753	1756	1768	rVB2	153914	265654	10.95%	0.764%
32	12.372	1768	1774	1782	rBV4	53439	112586	4.64%	0.324%
33	12.589	1806	1811	1818	rBV3	558260	921836	38.00%	2.650%
34	12.642	1818	1820	1826	rVB2	45957	69987	2.89%	0.201%

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35	12.801	1840	1847	1854	rBV3	25159	61228	2.52%	0.176%
36	12.942	1865	1871	1878	rBV3	81146	181021	7.46%	0.520%
37	13.019	1878	1884	1889	rVB	46842	77910	3.21%	0.224%
38	13.130	1899	1903	1909	rBV2	66851	95071	3.92%	0.273%
39	13.189	1909	1913	1919	rVB	50640	67392	2.78%	0.194%
40	13.283	1925	1929	1931	rVV2	53067	73382	3.03%	0.211%
41	13.419	1947	1952	1956	rBV	132877	152498	6.29%	0.438%
42	13.489	1957	1964	1971	rVB2	132111	202384	8.34%	0.582%
43	13.760	2004	2010	2012	rBV	81555	113461	4.68%	0.326%
44	13.895	2025	2033	2041	rBV	706783	1236626	50.98%	3.554%
45	13.960	2041	2044	2050	rVB3	53272	86717	3.57%	0.249%
46	14.195	2079	2084	2085	rBV	116290	145381	5.99%	0.418%
47	14.218	2085	2088	2093	rVV	199917	268259	11.06%	0.771%
48	14.613	2150	2155	2158	rBV5	71804	119516	4.93%	0.344%
49	14.648	2158	2161	2170	rVV3	40513	100942	4.16%	0.290%
50	14.724	2170	2174	2180	rVV2	54760	96166	3.96%	0.276%
51	14.789	2180	2185	2189	rVV2	50976	92010	3.79%	0.264%
52	14.924	2203	2208	2212	rBV	106052	124353	5.13%	0.357%
53	14.995	2212	2220	2223	rBV	476097	678363	27.97%	1.950%
54	15.030	2223	2226	2234	rVV	691424	865757	35.69%	2.488%
55	15.118	2236	2241	2250	rVB	121216	187458	7.73%	0.539%
56	15.207	2252	2256	2264	rVB3	40690	61831	2.55%	0.178%
57	15.418	2289	2292	2295	rVV	40823	60880	2.51%	0.175%
58	15.583	2314	2320	2326	rVB3	125229	171761	7.08%	0.494%
59	15.771	2348	2352	2356	rVV	135958	164152	6.77%	0.472%
60	15.818	2356	2360	2366	rVV	163727	215193	8.87%	0.619%
61	15.889	2369	2372	2375	rBV	56475	69248	2.85%	0.199%
62	15.930	2375	2379	2380	rVV2	138950	165134	6.81%	0.475%
63	15.954	2380	2383	2391	rVB2	200317	373686	15.41%	1.074%
64	16.177	2418	2421	2424	rBV	89263	87454	3.61%	0.251%
65	16.212	2424	2427	2436	rVB	86819	142768	5.89%	0.410%
66	16.283	2436	2439	2442	rBV	54996	70884	2.92%	0.204%
67	16.571	2483	2488	2491	rBV	116277	167244	6.89%	0.481%
68	16.607	2491	2494	2499	rVV4	56952	110382	4.55%	0.317%
69	16.695	2504	2509	2511	rBV3	74136	127116	5.24%	0.365%
70	16.718	2511	2513	2518	rVV	106396	109464	4.51%	0.315%
71	16.777	2518	2523	2533	rVV	904198	1100148	45.35%	3.162%

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72	17.077	2570	2574	2579	rVB	890374	1072945	44.23%	3.084%
73	17.224	2596	2599	2602	rVB	84697	88497	3.65%	0.254%
74	17.265	2602	2606	2609	rBV	80294	96298	3.97%	0.277%
75	17.312	2609	2614	2622	rVV	1403581	1616630	66.65%	4.647%
76	17.395	2626	2628	2639	rVB4	84275	188943	7.79%	0.543%
77	17.512	2644	2648	2650	rVV2	78943	118658	4.89%	0.341%
78	17.542	2650	2653	2657	rVB	102456	128774	5.31%	0.370%
79	17.624	2665	2667	2671	rVB	62593	70818	2.92%	0.204%
80	17.677	2672	2676	2677	rBV2	152826	179129	7.38%	0.515%
81	17.795	2693	2696	2699	rVB	70706	72350	2.98%	0.208%
82	17.830	2700	2702	2706	rBV2	55383	70184	2.89%	0.202%
83	18.136	2752	2754	2757	rVB2	70725	65091	2.68%	0.187%
84	18.230	2767	2770	2773	rVB	81340	85442	3.52%	0.246%
85	18.348	2787	2790	2792	rBV	61689	68236	2.81%	0.196%
86	18.371	2792	2794	2798	rVB	106637	112467	4.64%	0.323%
87	18.412	2798	2801	2804	rBV	77744	108596	4.48%	0.312%
88	18.506	2814	2817	2821	rVB	68750	72660	3.00%	0.209%
89	18.553	2821	2825	2831	rBV3	135232	222000	9.15%	0.638%
90	18.665	2839	2844	2848	rBV2	756569	1259332	51.92%	3.620%
91	18.706	2848	2851	2861	rVB2	501021	666996	27.50%	1.917%
92	18.953	2890	2893	2897	rVB2	107726	129349	5.33%	0.372%
93	19.177	2928	2931	2934	rBV	112021	121214	5.00%	0.348%
94	19.942	3057	3061	3064	rBV	547905	765913	31.58%	2.201%
95	20.059	3078	3081	3085	rBV2	110752	167453	6.90%	0.481%
96	20.236	3108	3111	3114	rBV	324423	330225	13.61%	0.949%
97	20.295	3118	3121	3127	rBV	370427	398000	16.41%	1.144%
98	20.353	3127	3131	3134	rBV	361253	434348	17.91%	1.248%
99	21.689	3354	3358	3372	rVB2	153127	325192	13.41%	0.935%
100	22.077	3420	3424	3441	rVB	121145	318413	13.13%	0.915%

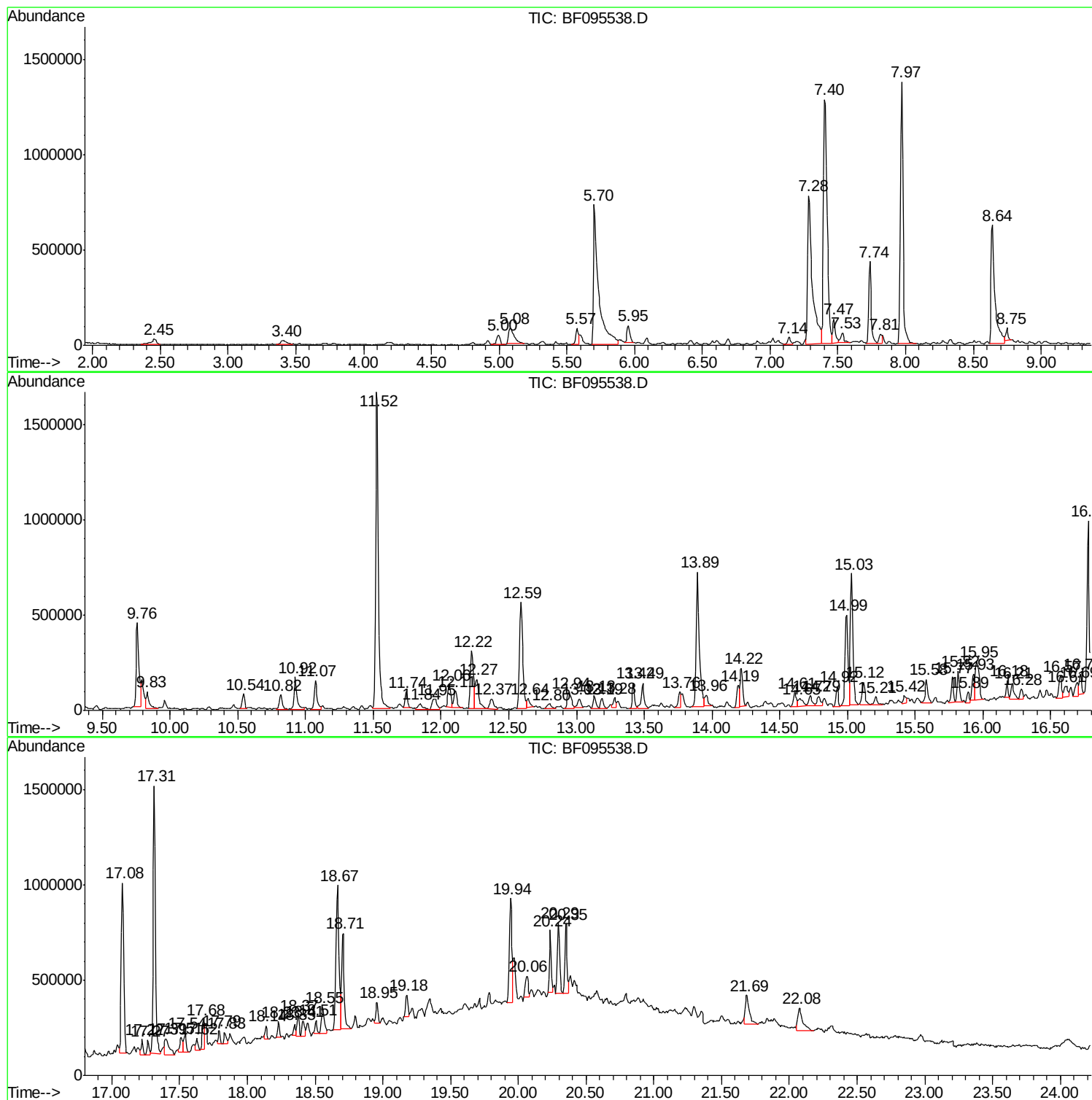
Sum of corrected areas: 34791671

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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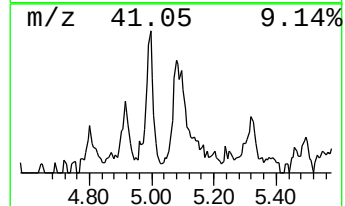
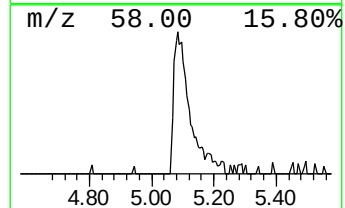
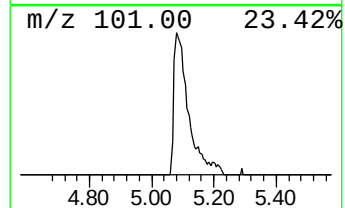
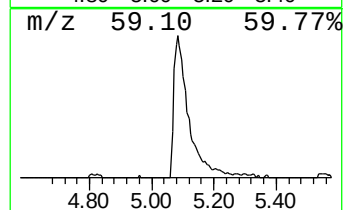
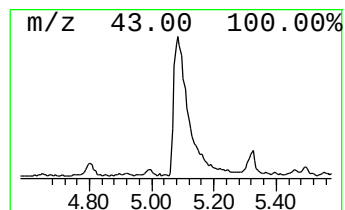
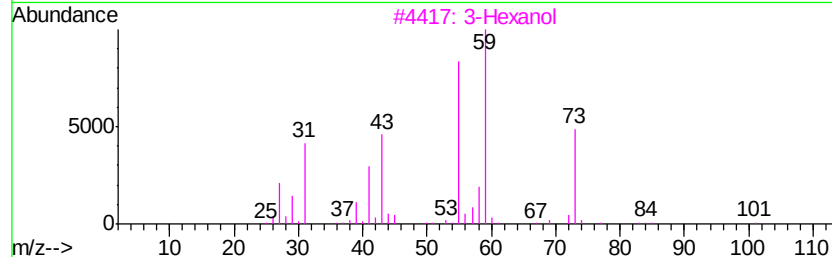
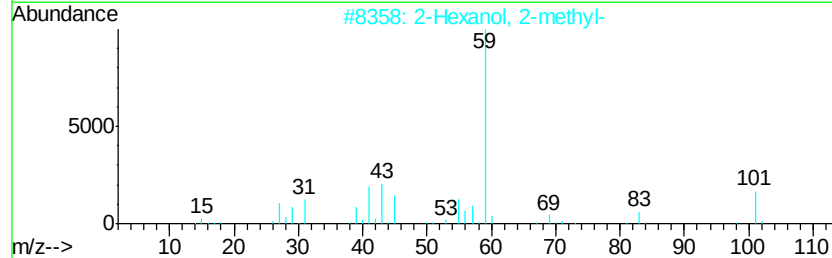
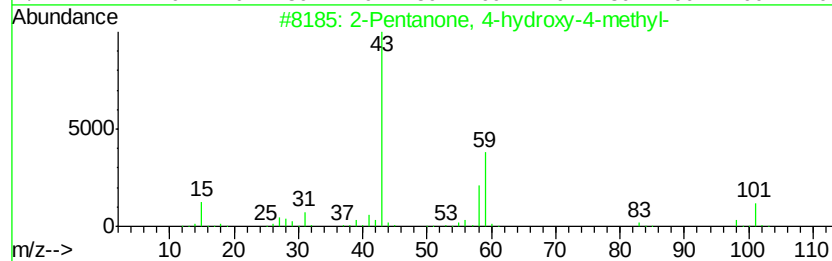
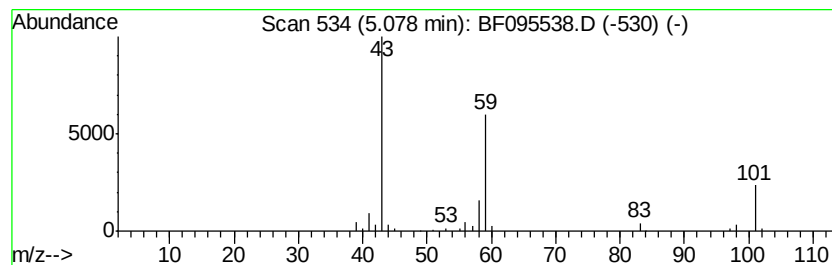
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	9.04 ng	243071	1,4-Dichlorobenzene-d4	7.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3			3-Hexanol	102	C6H14O	000623-37-0	25
4			Guanidine	59	CH5N3	000113-00-8	9
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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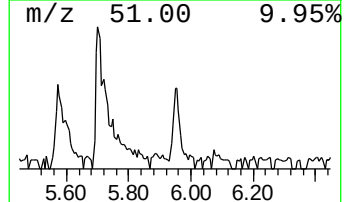
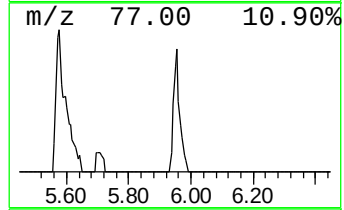
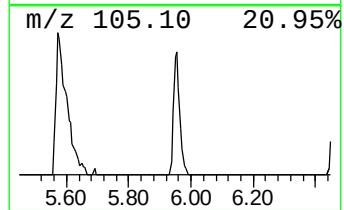
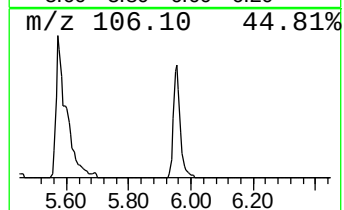
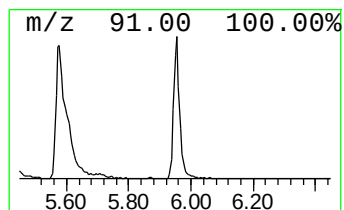
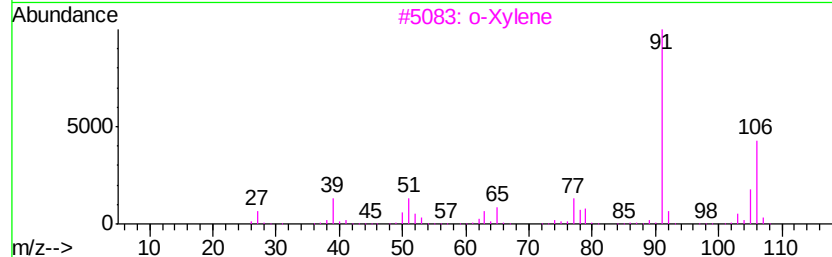
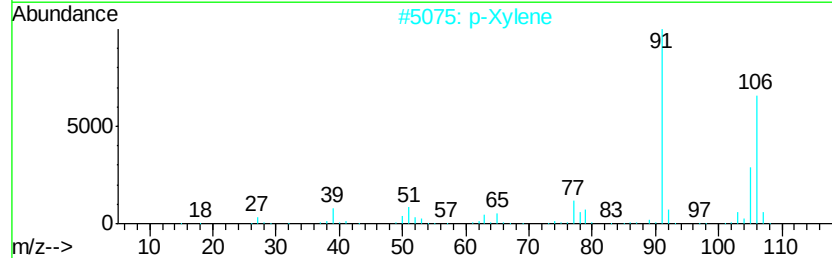
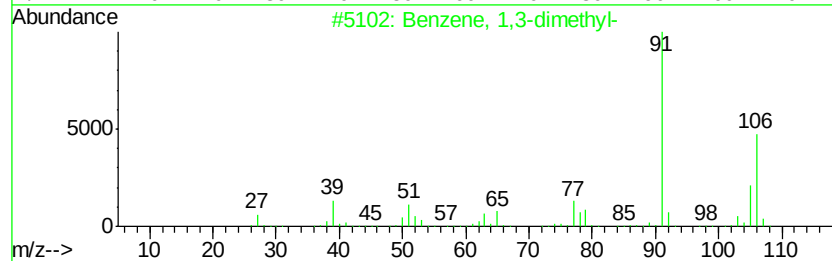
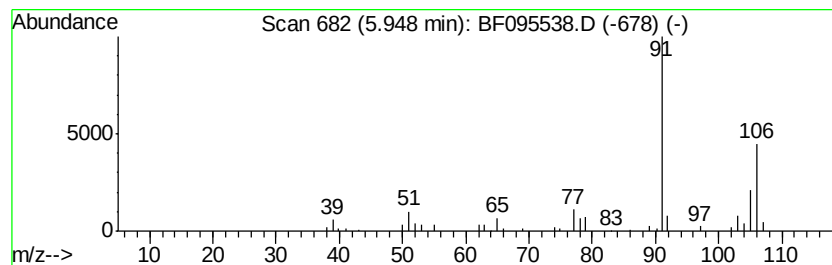
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	4.85 ng	130519	1,4-Dichlorobenzene-d4	7.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
2		p-Xylene	106	C8H10	000106-42-3	94
3		o-Xylene	106	C8H10	000095-47-6	90
4		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	86
5		Ethylbenzene	106	C8H10	000100-41-4	80



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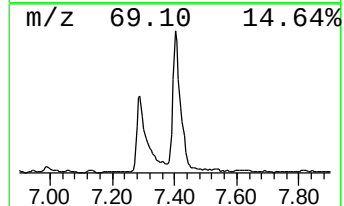
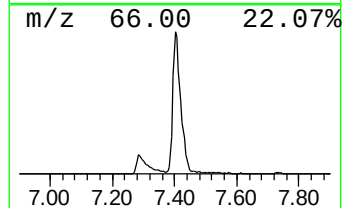
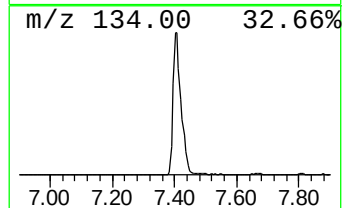
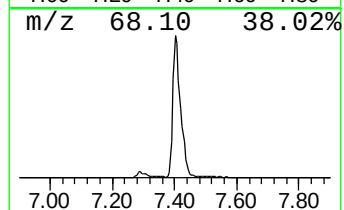
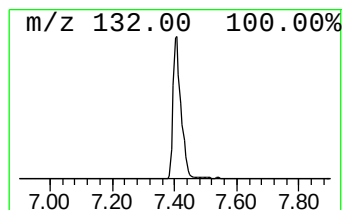
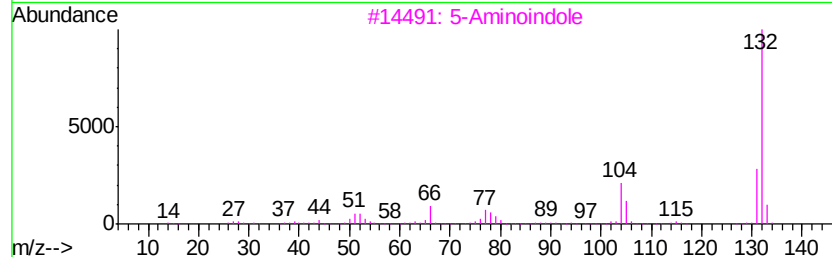
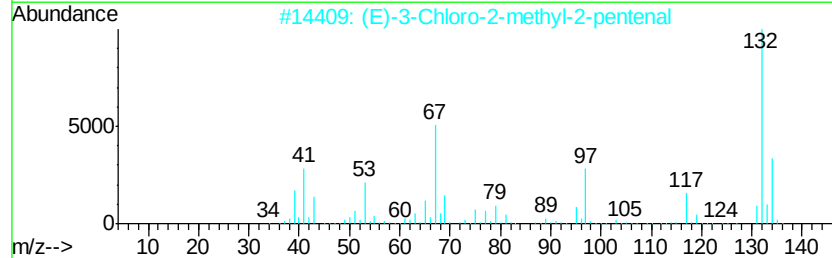
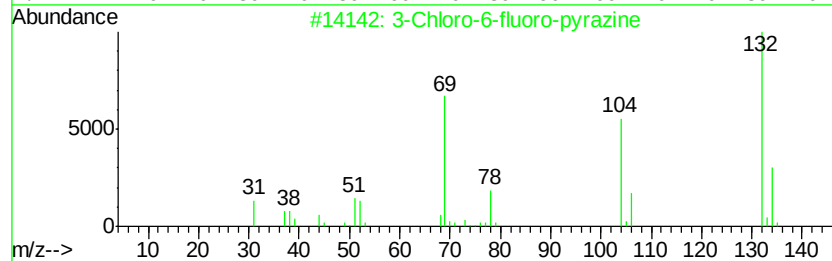
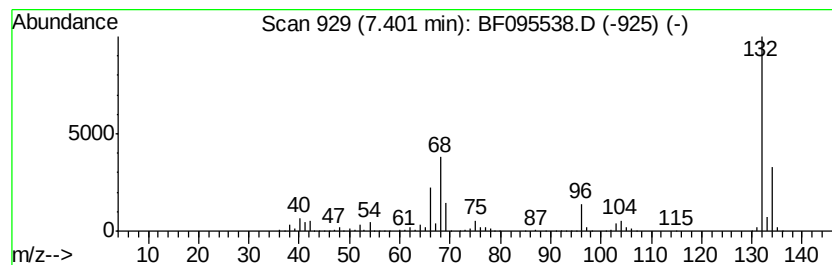
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Peak Number 4 unknown7.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	87.97 ng	2365250	1,4-Dichlorobenzene-d4	7.74

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		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095538.D
Acq On : 30 May 2017 16:39
Operator : SJ/MA
Sample : I3281-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R1-TP10-SS4

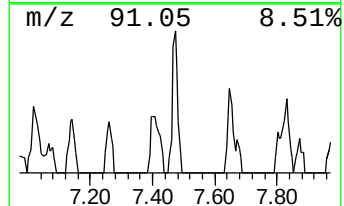
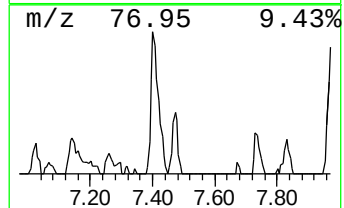
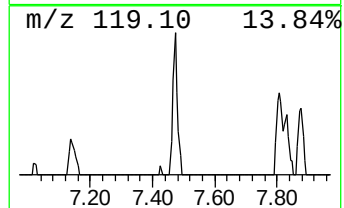
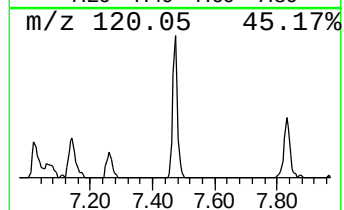
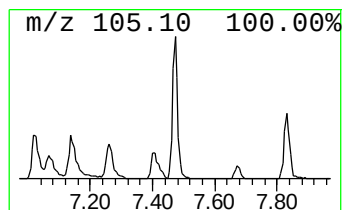
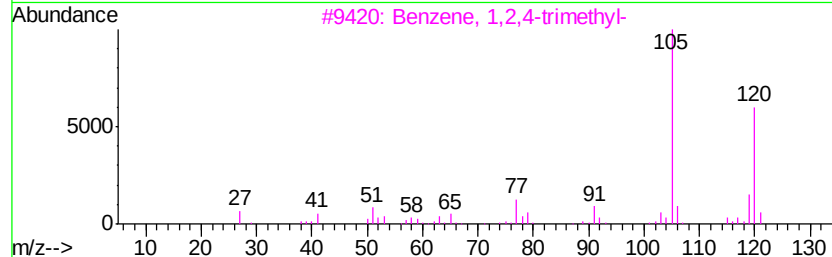
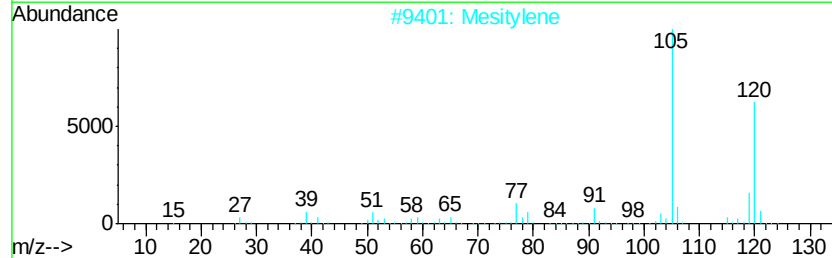
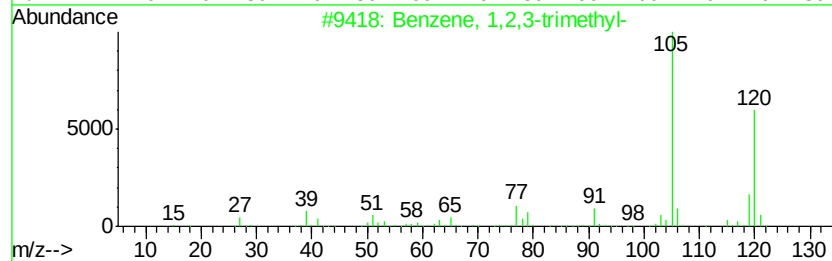
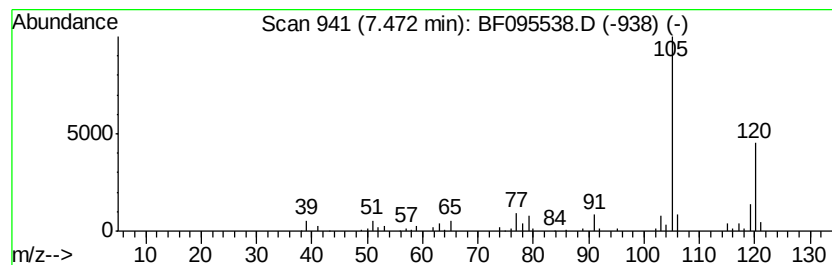
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	6.59 ng	177215	1,4-Dichlorobenzene-d4	7.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Mesitylene	120	C9H12	000108-67-8	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095538.D
Acq On : 30 May 2017 16:39
Operator : SJ/MA
Sample : I3281-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

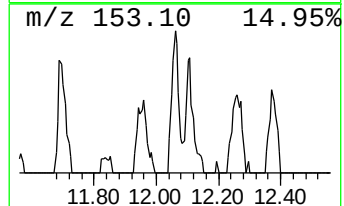
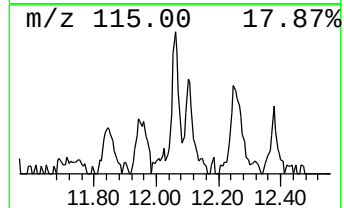
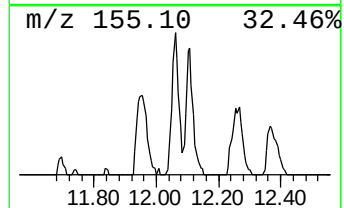
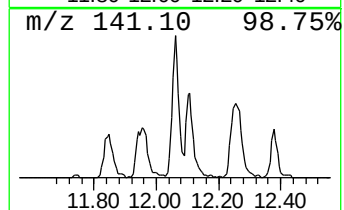
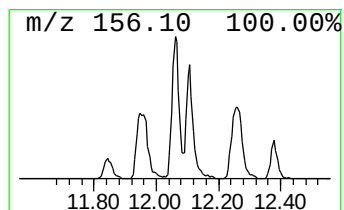
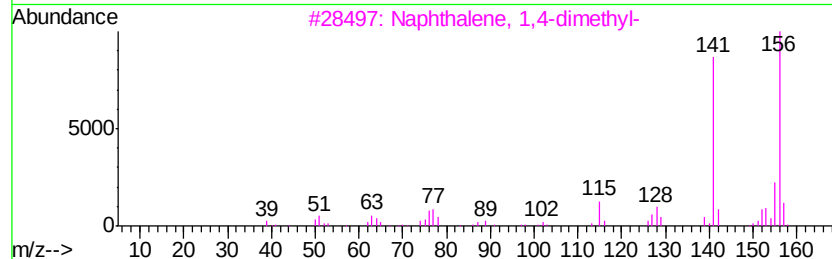
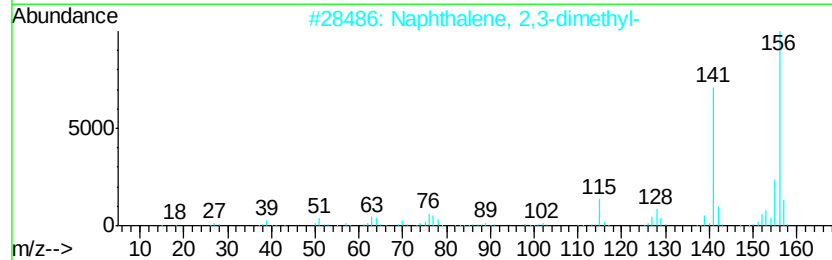
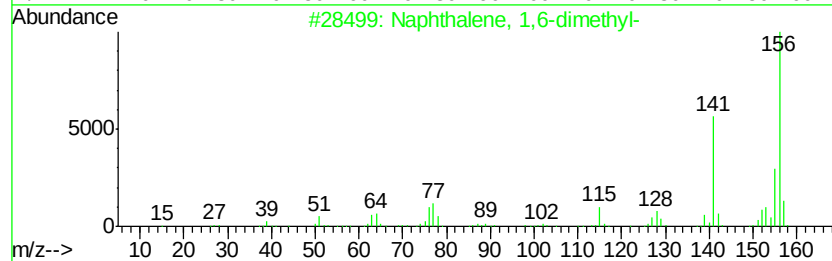
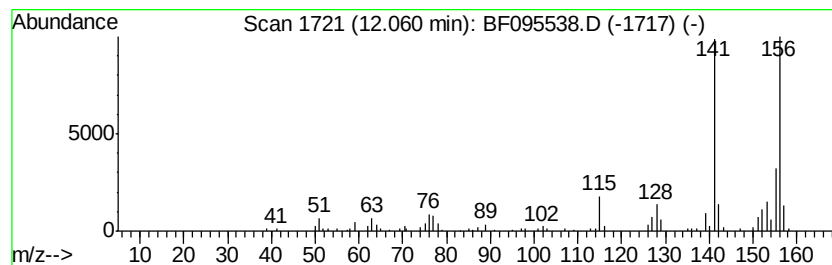
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	3.76 ng	173327	Acenaphthene-d10	12.59
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 96
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095538.D
Acq On : 30 May 2017 16:39
Operator : SJ/MA
Sample : I3281-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

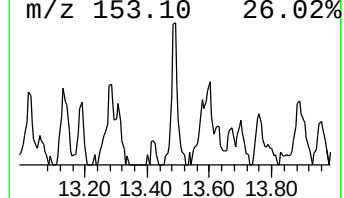
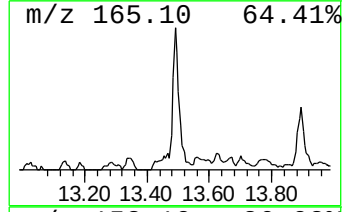
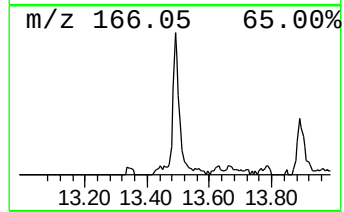
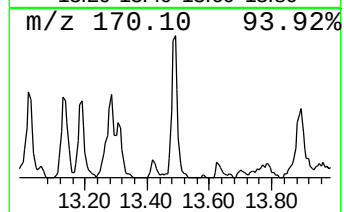
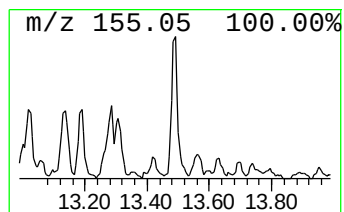
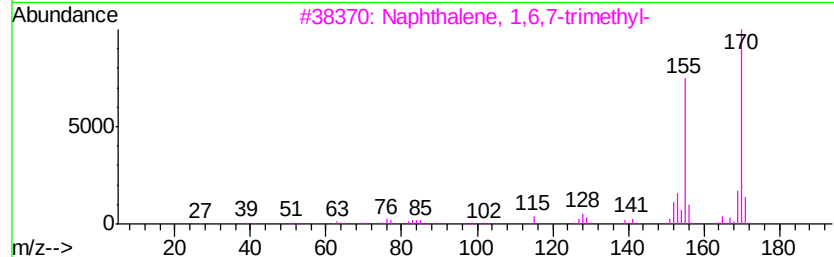
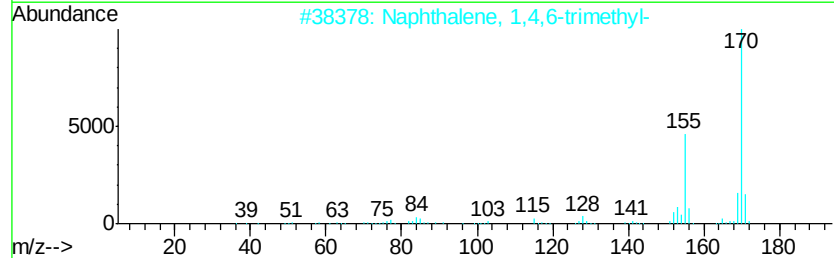
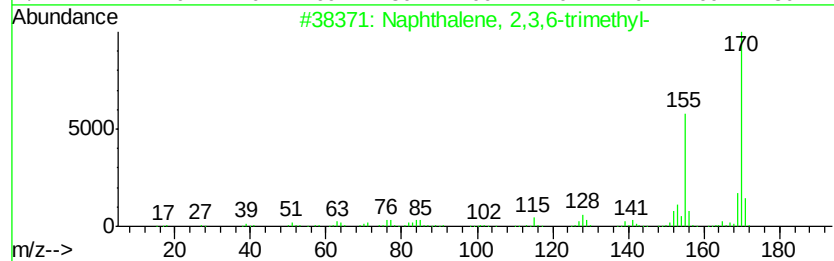
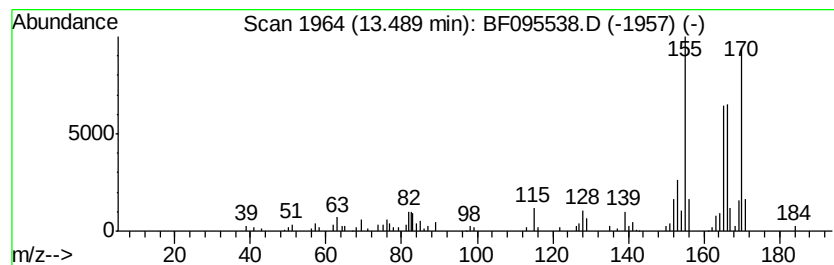
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	4.39 ng	202384	Acenaphthene-d10	12.59
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 95
2		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 93
3		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 93
4		4,6,8-Trimethylazulene	170 C13H14	000941-81-1 83
5		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095538.D
Acq On : 30 May 2017 16:39
Operator : SJ/MA
Sample : I3281-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

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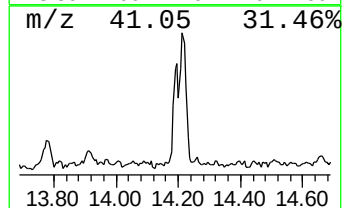
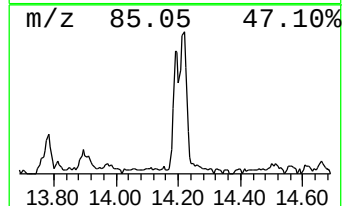
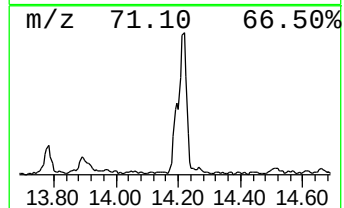
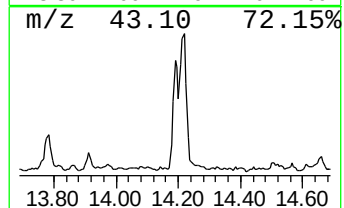
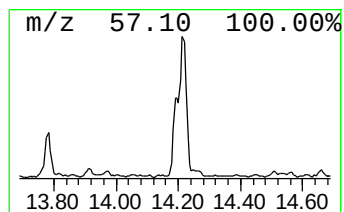
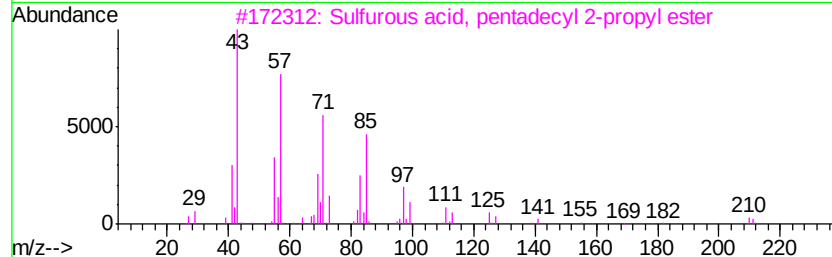
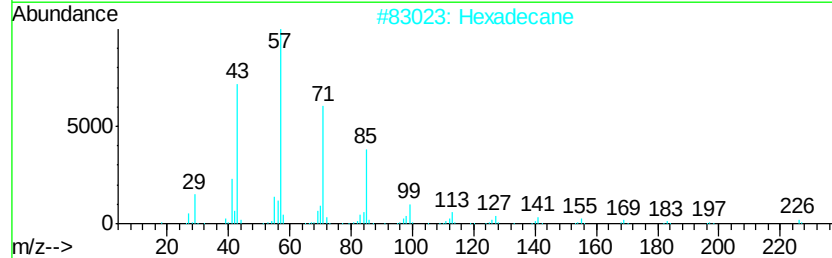
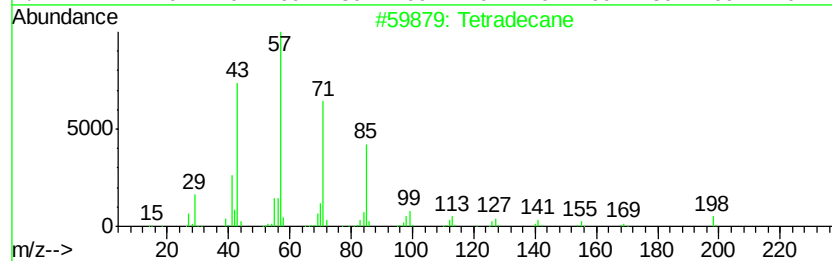
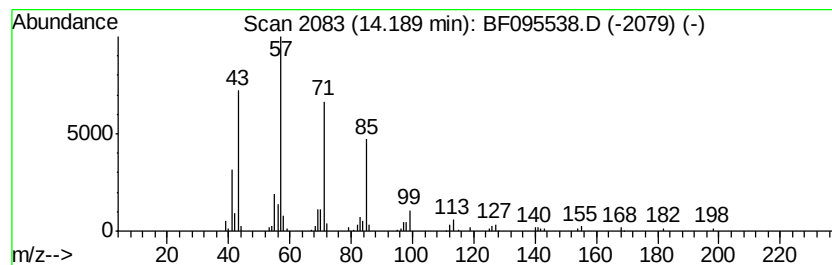
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	4.29 ng	145381	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	90
4		Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
5		Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095538.D
Acq On : 30 May 2017 16:39
Operator : SJ/MA
Sample : I3281-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
R1-TP10-SS4

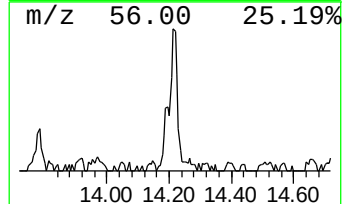
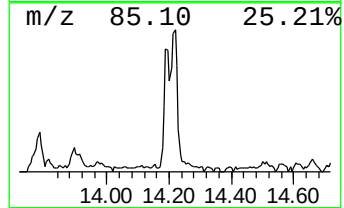
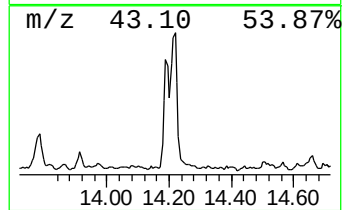
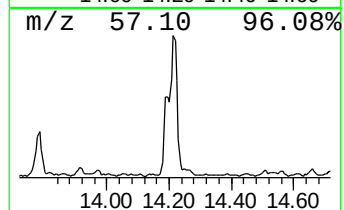
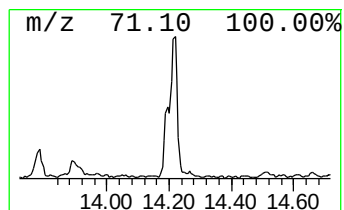
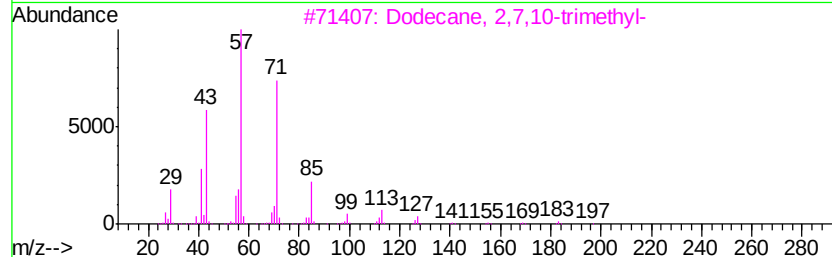
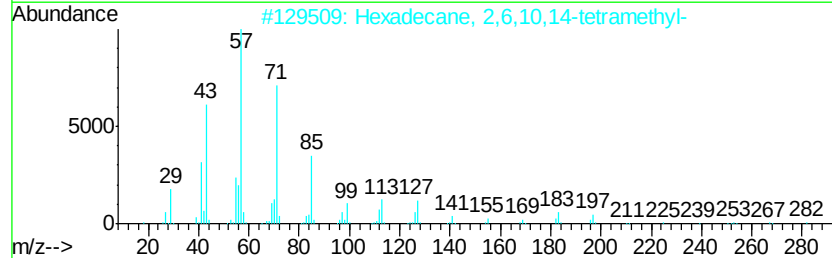
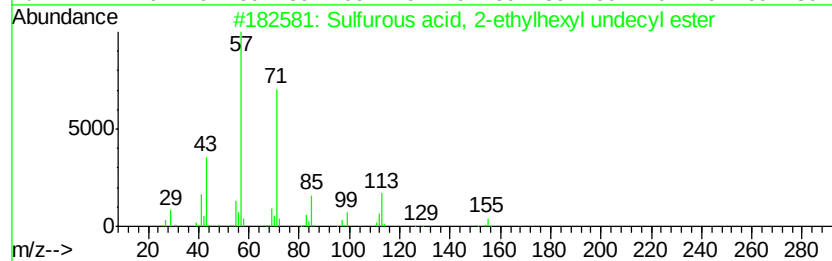
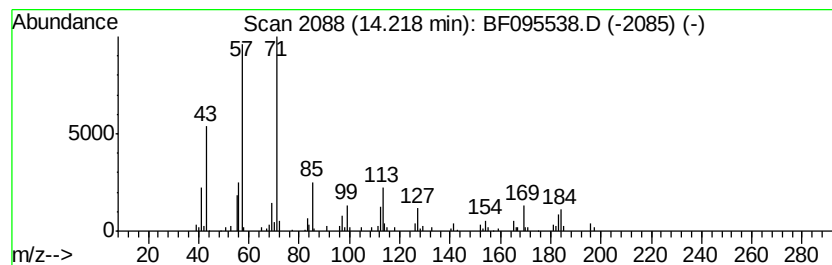
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Sulfurous acid, 2-ethylhexy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	7.91 ng	268259	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50
4		Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	50
5		1,2-Dimethylcyclopentanol	114	C7H14O	019550-45-9	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095538.D
Acq On : 30 May 2017 16:39
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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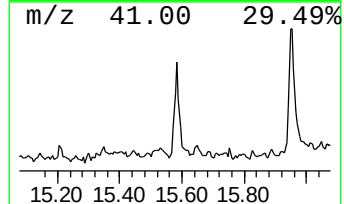
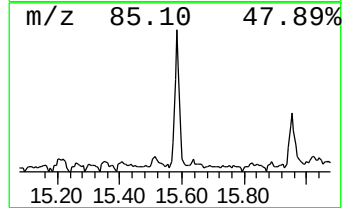
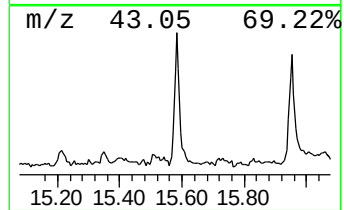
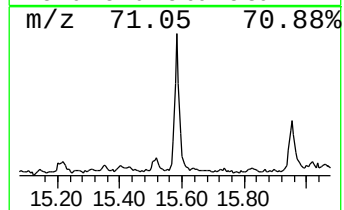
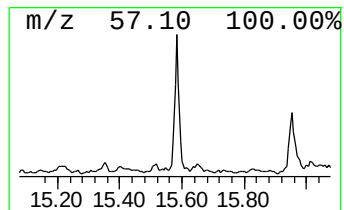
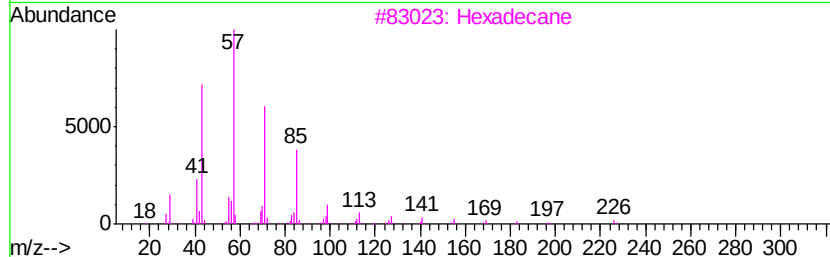
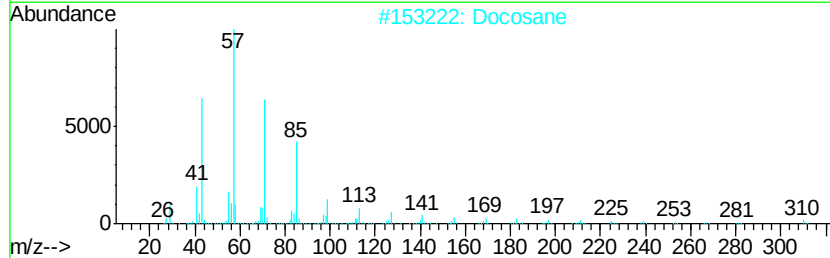
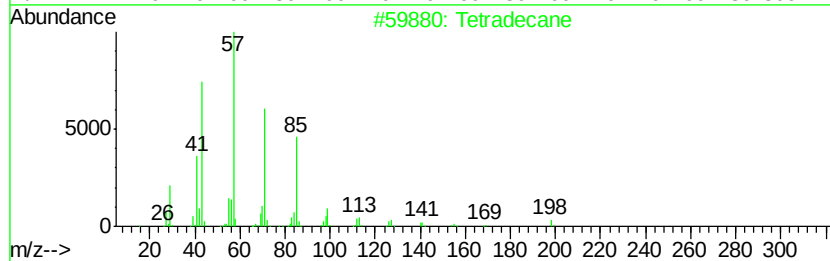
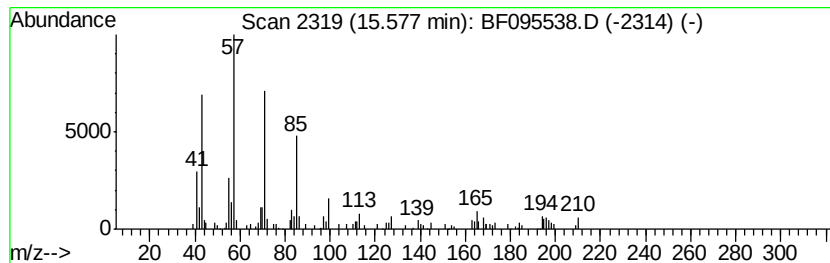
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	5.06 ng	171761	Phenanthrene-d10	14.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	93
2			Docosane	310	C22H46	000629-97-0	83
3			Hexadecane	226	C16H34	000544-76-3	83
4			Octacosane	394	C28H58	000630-02-4	83
5			Octadecane	254	C18H38	000593-45-3	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095538.D
Acq On : 30 May 2017 16:39
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Sample : I3281-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

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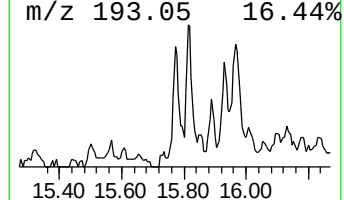
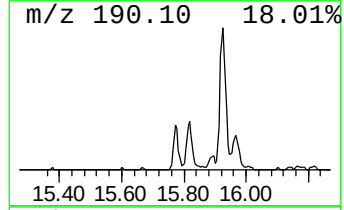
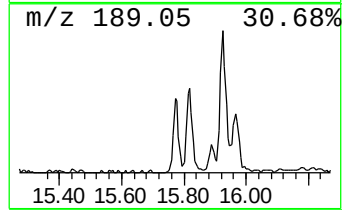
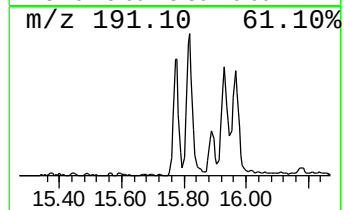
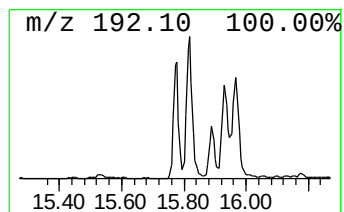
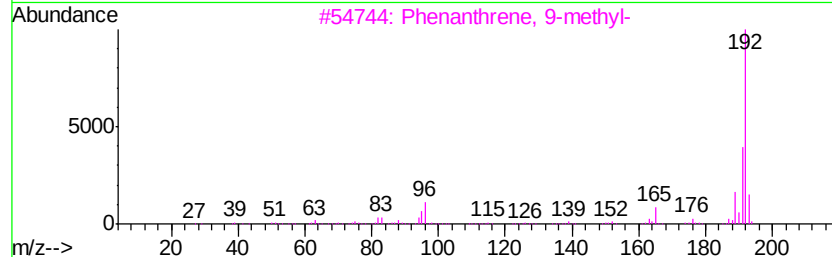
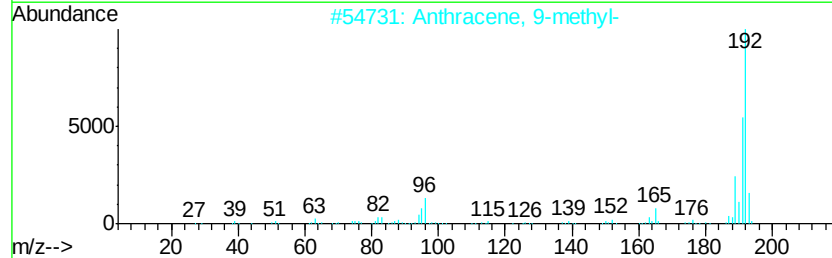
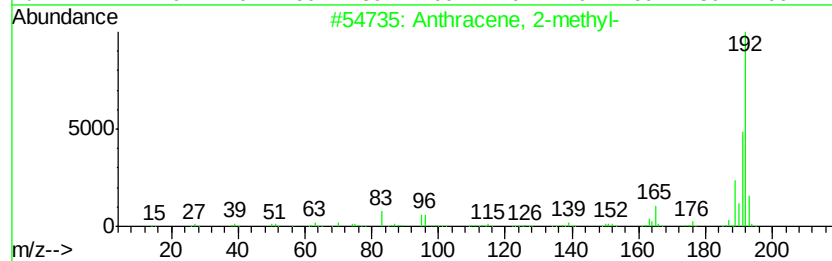
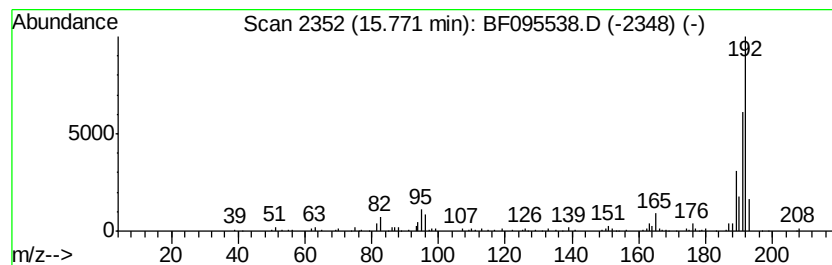
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	4.84 ng	164152	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3		Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	87
4		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	81
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095538.D
Acq On : 30 May 2017 16:39
Operator : SJ/MA
Sample : I3281-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

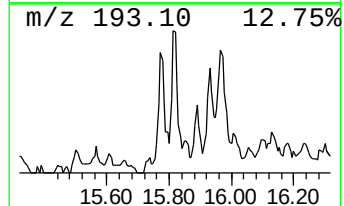
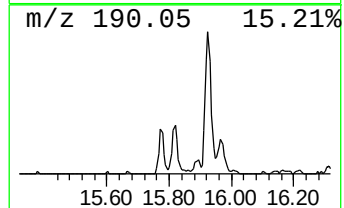
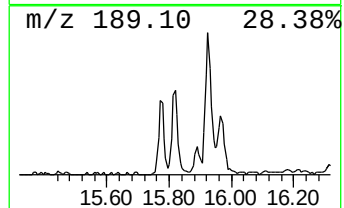
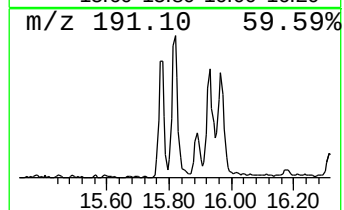
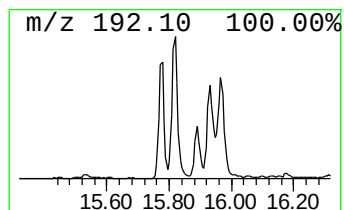
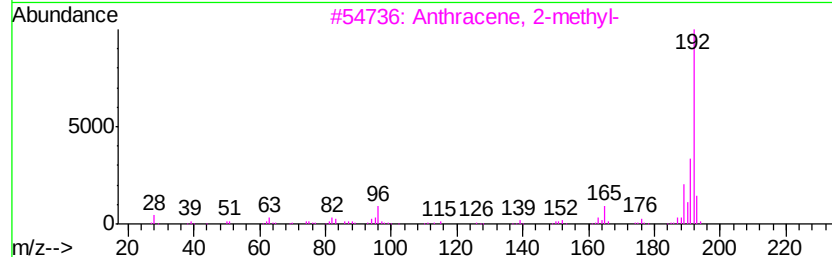
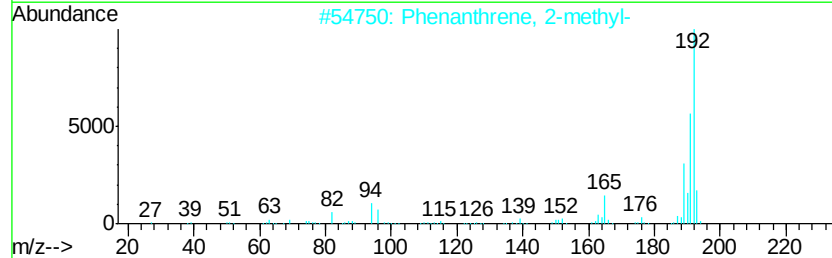
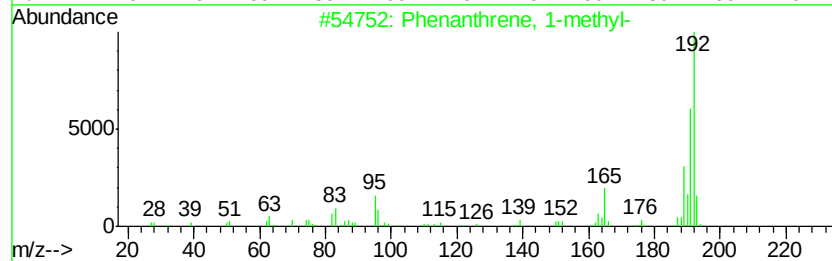
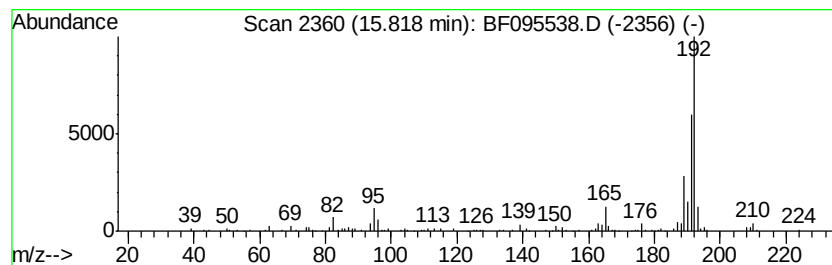
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.82	6.34 ng	215193	Phenanthrene-d10		14.99	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095538.D
Acq On : 30 May 2017 16:39
Operator : SJ/MA
Sample : I3281-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

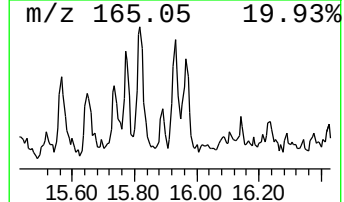
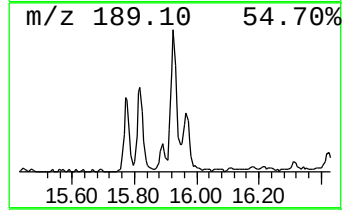
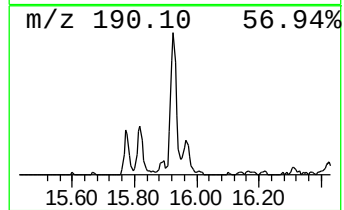
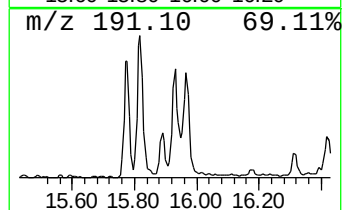
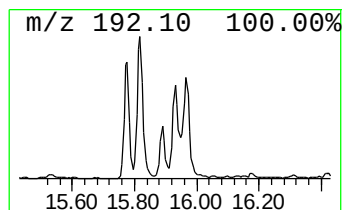
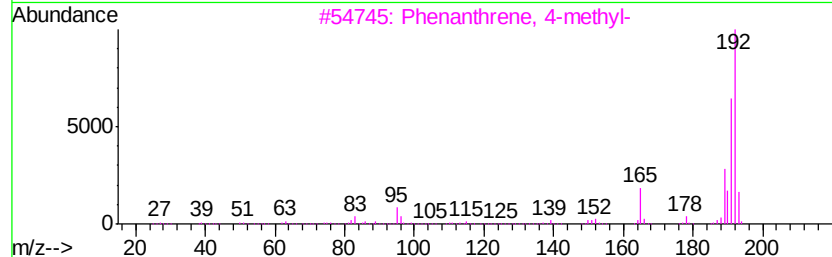
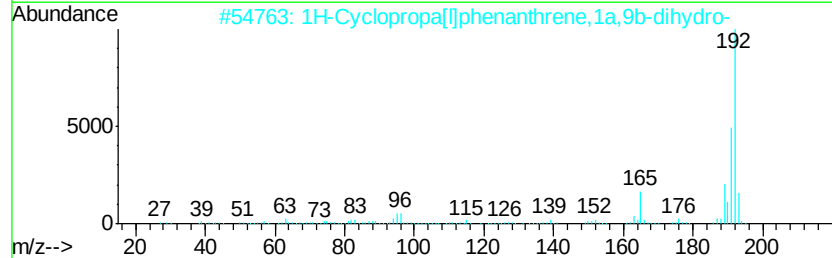
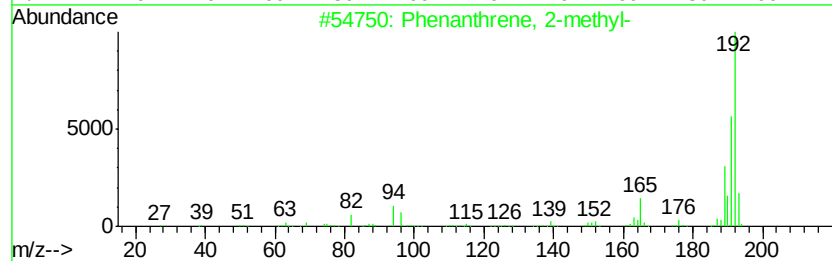
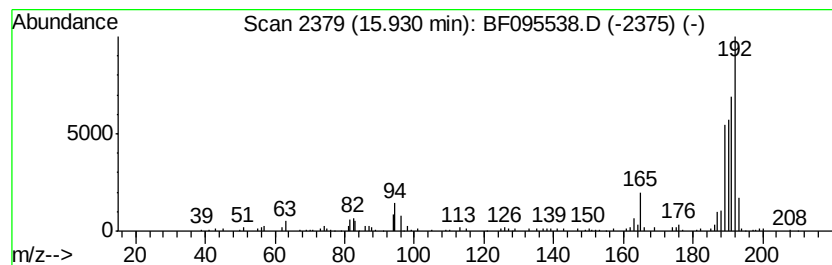
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.93	4.87 ng	165134	Phenanthrene-d10	14.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	53
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095538.D
Acq On : 30 May 2017 16:39
Operator : SJ/MA
Sample : I3281-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R1-TP10-SS4

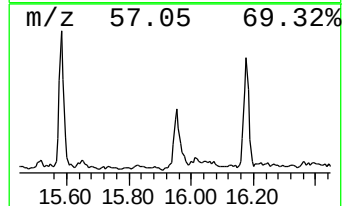
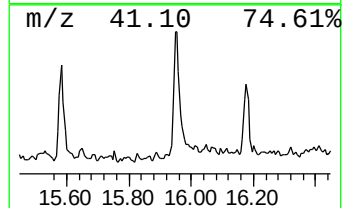
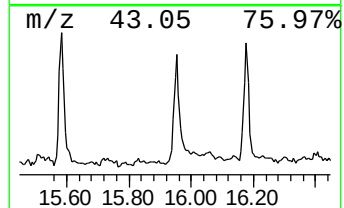
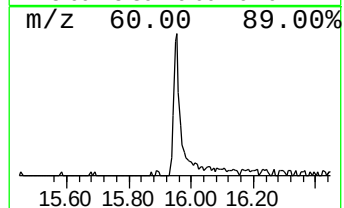
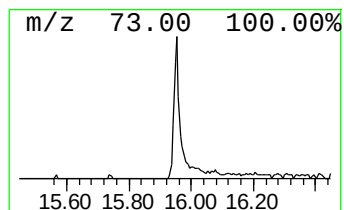
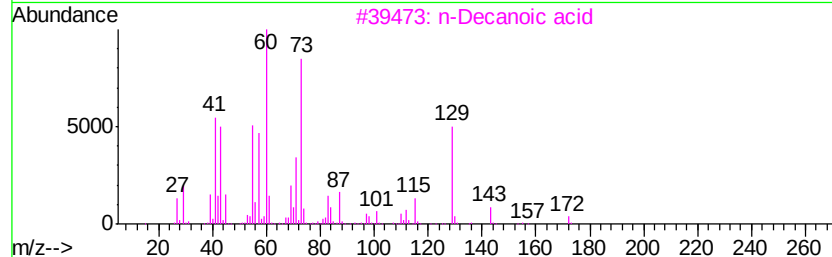
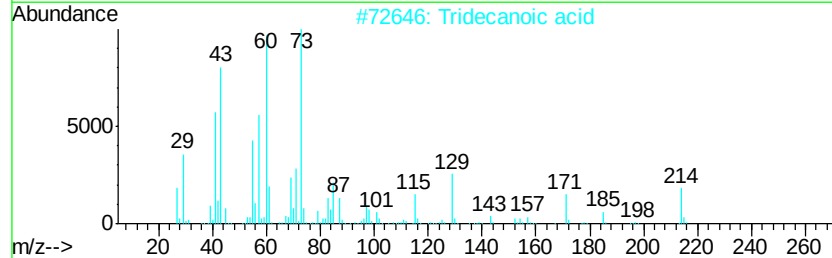
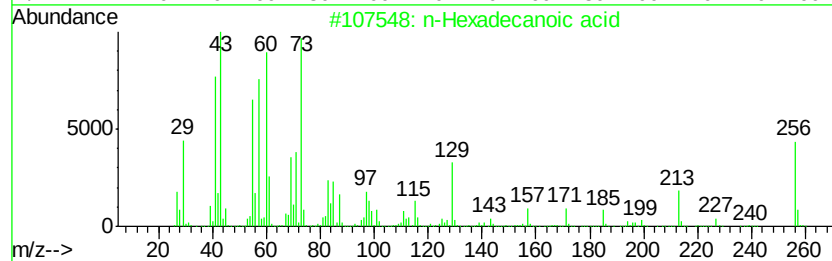
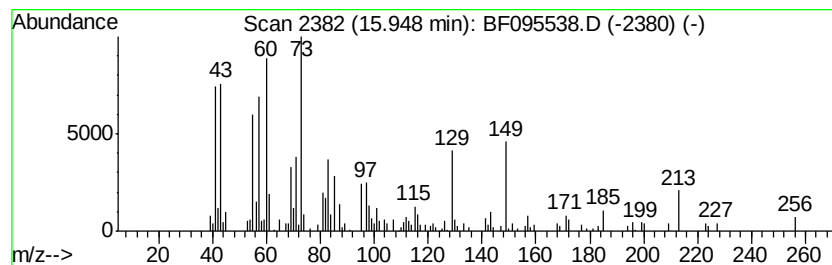
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	11.02 ng	373686	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Tridecanoic acid	214	C13H26O2	000638-53-9	89
3		n-Decanoic acid	172	C10H20O2	000334-48-5	78
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095538.D
Acq On : 30 May 2017 16:39
Operator : SJ/MA
Sample : I3281-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
R1-TP10-SS4

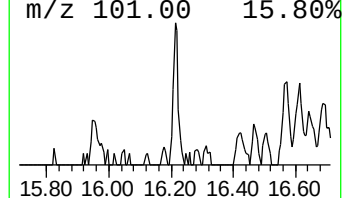
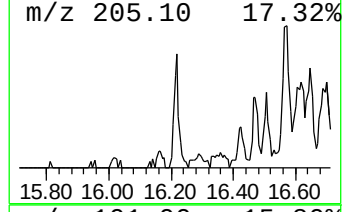
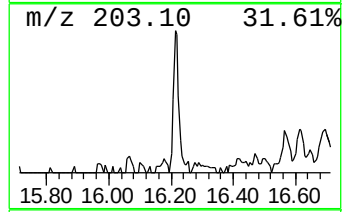
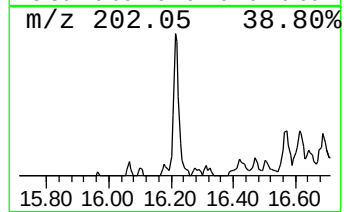
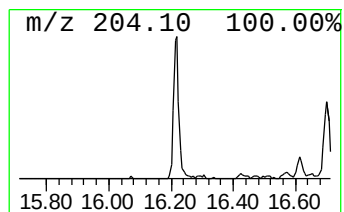
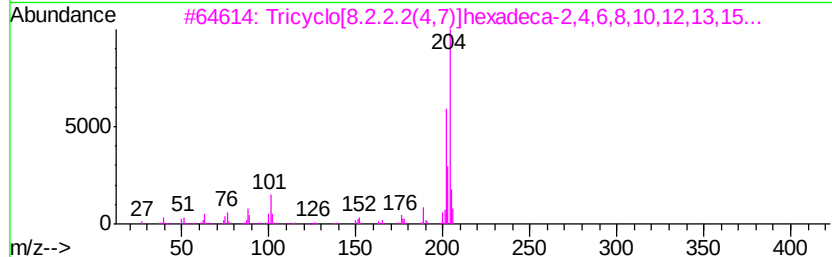
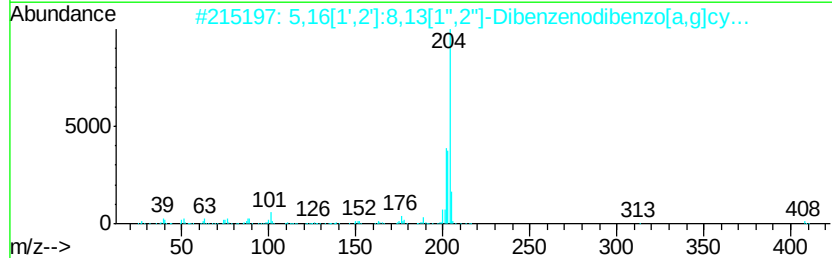
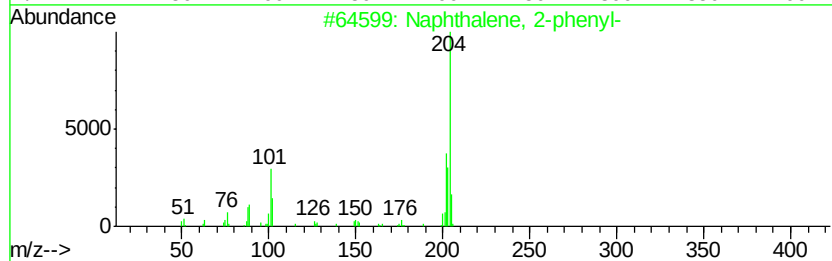
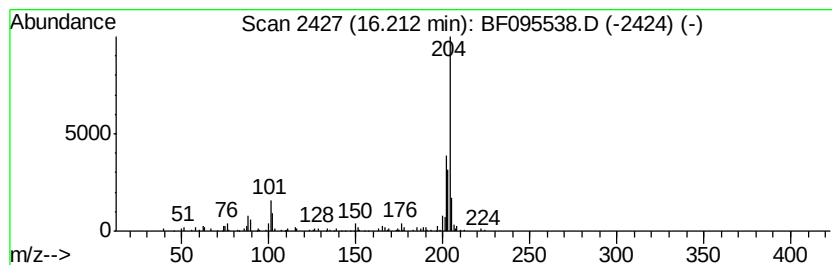
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	4.21 ng	142768	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095538.D
Acq On : 30 May 2017 16:39
Operator : SJ/MA
Sample : I3281-16
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ClientSampleId :
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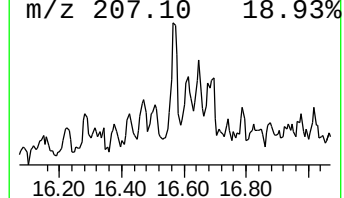
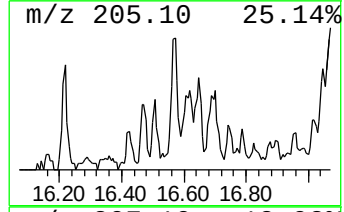
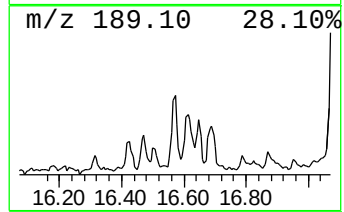
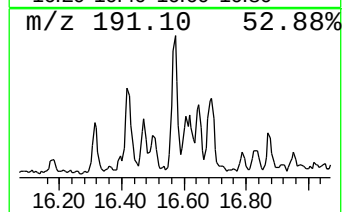
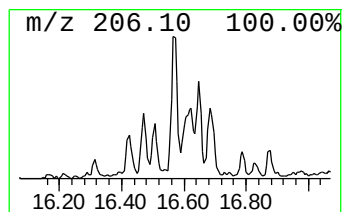
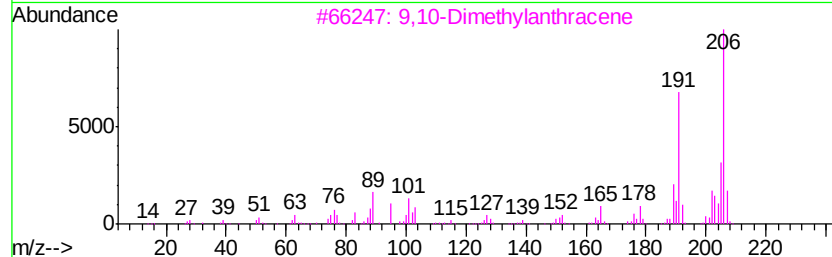
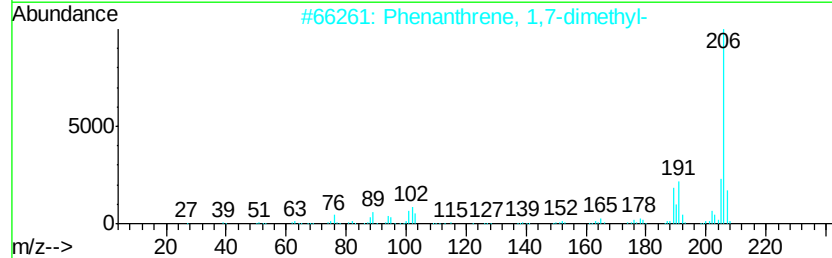
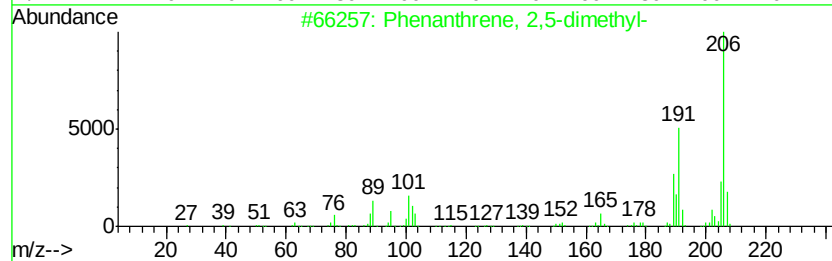
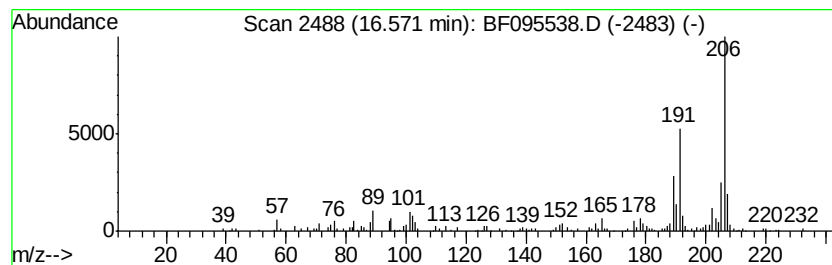
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	4.93 ng	167244	Phenanthrene-d10	14.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
3			9,10-Dimethylantracene	206	C16H14	000781-43-1	93
4			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
 Data File : BF095538.D
 Acq On : 30 May 2017 16:39
 Operator : SJ/MA
 Sample : I3281-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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...	5.08	9.0	ng	243071	1	7.74	537729	20.0
Benzene, 1,3-dime...	5.95	4.8	ng	130519	1	7.74	537729	20.0
unknown7.40	7.40	88.0	ng	2365250	1	7.74	537729	20.0
Benzene, 1,2,3-tr...	7.47	6.6	ng	177215	1	7.74	537729	20.0
Naphthalene, 1,6-...	12.06	3.8	ng	173327	3	12.59	921836	20.0
Naphthalene, 2,3,...	13.49	4.4	ng	202384	3	12.59	921836	20.0
Tetradecane	14.19	4.3	ng	145381	4	14.99	678363	20.0
Sulfurous acid, 2...	14.22	7.9	ng	268259	4	14.99	678363	20.0
Hexadecane	15.58	5.1	ng	171761	4	14.99	678363	20.0
Anthracene, 2-met...	15.77	4.8	ng	164152	4	14.99	678363	20.0
Phenanthrene, 1-m...	15.82	6.3	ng	215193	4	14.99	678363	20.0
Phenanthrene, 2-m...	15.93	4.9	ng	165134	4	14.99	678363	20.0
n-Hexadecanoic acid	15.95	11.0	ng	373686	4	14.99	678363	20.0
Naphthalene, 2-ph...	16.21	4.2	ng	142768	4	14.99	678363	20.0
Phenanthrene, 2,5...	16.57	4.9	ng	167244	4	14.99	678363	20.0