

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
 Data File : BF095541.D
 Acq On : 30 May 2017 18:16
 Operator : SJ/MA
 Sample : I3281-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP14-SS6

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	4.325	399	406	416	rBV3	14295	39149	1.50%	0.115%
2	5.090	531	536	552	rBV	101923	286950	11.02%	0.846%
3	5.590	616	621	632	rBV4	15078	40217	1.54%	0.119%
4	5.701	637	640	673	rBV	845007	2224820	85.44%	6.557%
5	5.954	679	683	688	rVB	25507	36674	1.41%	0.108%
6	7.284	905	909	925	rBV	862154	1975831	75.87%	5.823%
7	7.401	925	929	938	rVV	1457960	2604088	100.00%	7.675%
8	7.472	938	941	948	rVV2	56868	108695	4.17%	0.320%
9	7.531	949	951	961	rVB2	22803	39757	1.53%	0.117%
10	7.736	982	986	996	rBV	438597	525413	20.18%	1.549%
11	7.972	1021	1026	1045	rVB	1485661	1876034	72.04%	5.529%
12	8.642	1136	1140	1156	rBV	671160	1278023	49.08%	3.767%
13	8.748	1156	1158	1170	rVB4	33185	70473	2.71%	0.208%
14	9.760	1326	1330	1341	rBV	387468	742500	28.51%	2.188%
15	10.542	1459	1463	1467	rBV	28885	30941	1.19%	0.091%
16	10.819	1504	1510	1516	rBV	27678	34020	1.31%	0.100%
17	10.930	1525	1529	1540	rBV	49649	88720	3.41%	0.261%
18	11.077	1550	1554	1561	rBV	50910	83713	3.21%	0.247%
19	11.530	1625	1631	1648	rBV	1665784	2514064	96.54%	7.410%
20	11.742	1664	1667	1678	rVB	31492	47751	1.83%	0.141%
21	11.960	1697	1704	1713	rBV4	21572	55020	2.11%	0.162%
22	12.066	1718	1722	1726	rVV3	52025	80439	3.09%	0.237%
23	12.113	1726	1730	1740	rVB2	38765	66504	2.55%	0.196%
24	12.230	1746	1750	1755	rBV	256281	418252	16.06%	1.233%
25	12.377	1769	1775	1783	rBV3	26810	51817	1.99%	0.153%
26	12.589	1806	1811	1817	rBV2	494678	780862	29.99%	2.301%
27	12.642	1817	1820	1828	rVB	88236	133107	5.11%	0.392%
28	12.948	1866	1872	1879	rBV3	47393	107876	4.14%	0.318%
29	13.024	1882	1885	1891	rVB2	29163	39718	1.53%	0.117%
30	13.130	1899	1903	1909	rVB3	35136	53619	2.06%	0.158%
31	13.189	1909	1913	1919	rBV2	26662	40995	1.57%	0.121%
32	13.354	1937	1941	1944	rVB	28520	32440	1.25%	0.096%
33	13.418	1948	1952	1957	rBV	77492	89356	3.43%	0.263%
34	13.489	1957	1964	1973	rBV2	102263	157713	6.06%	0.465%

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35	13.765	2007	2011	2022	rBV2	56577	117234	4.50%	0.346%
36	13.895	2028	2033	2042	rBV	663211	1159076	44.51%	3.416%
37	14.195	2080	2084	2086	rBV	67662	94660	3.64%	0.279%
38	14.218	2086	2088	2093	rVV3	70200	84935	3.26%	0.250%
39	14.395	2110	2118	2122	rBV3	29401	57686	2.22%	0.170%
40	14.436	2122	2125	2130	rVV4	19663	29720	1.14%	0.088%
41	14.518	2132	2139	2144	rVB8	19187	42708	1.64%	0.126%
42	14.612	2150	2155	2159	rBV5	47585	77428	2.97%	0.228%
43	14.730	2169	2175	2180	rBV2	26941	42709	1.64%	0.126%
44	14.783	2180	2184	2189	rVV3	38193	64971	2.49%	0.191%
45	14.830	2189	2192	2196	rVB	38623	46787	1.80%	0.138%
46	14.924	2204	2208	2212	rBV	58797	68687	2.64%	0.202%
47	14.995	2213	2220	2223	rBV	440300	588065	22.58%	1.733%
48	15.030	2223	2226	2236	rVV	795371	1076774	41.35%	3.174%
49	15.118	2236	2241	2249	rVV	181661	270092	10.37%	0.796%
50	15.212	2252	2257	2263	rVB3	40017	61116	2.35%	0.180%
51	15.418	2289	2292	2297	rVV2	53273	94146	3.62%	0.277%
52	15.477	2299	2302	2305	rVV2	26121	32584	1.25%	0.096%
53	15.518	2306	2309	2314	rVV8	20683	30735	1.18%	0.091%
54	15.583	2316	2320	2327	rVB3	54510	82127	3.15%	0.242%
55	15.648	2327	2331	2336	rBV8	18759	36898	1.42%	0.109%
56	15.777	2344	2353	2356	rBV	140974	189547	7.28%	0.559%
57	15.818	2356	2360	2365	rVV	187805	231838	8.90%	0.683%
58	15.889	2369	2372	2375	rVV	67080	80765	3.10%	0.238%
59	15.930	2375	2379	2381	rVV2	169377	245365	9.42%	0.723%
60	15.954	2381	2383	2391	rVB2	151730	289096	11.10%	0.852%
61	16.177	2418	2421	2424	rBV	51431	55121	2.12%	0.162%
62	16.218	2424	2428	2436	rVB	85246	124053	4.76%	0.366%
63	16.283	2436	2439	2442	rBV	55333	61842	2.37%	0.182%
64	16.424	2460	2463	2467	rBV2	42570	49919	1.92%	0.147%
65	16.471	2468	2471	2474	rBV	41873	52914	2.03%	0.156%
66	16.571	2484	2488	2492	rBV	112722	145772	5.60%	0.430%
67	16.618	2492	2496	2499	rVV4	50289	81583	3.13%	0.240%
68	16.648	2499	2501	2504	rVB	36046	33458	1.28%	0.099%
69	16.695	2504	2509	2511	rBV3	60639	98172	3.77%	0.289%
70	16.724	2511	2514	2518	rVB	43760	44665	1.72%	0.132%
71	16.777	2518	2523	2535	rVB	1256109	1517883	58.29%	4.474%

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72	16.871	2535	2539	2543	rBV4	35384	71539	2.75%	0.211%
73	17.083	2570	2575	2579	rVB	1160022	1474909	56.64%	4.347%
74	17.165	2587	2589	2592	rVB	42448	36402	1.40%	0.107%
75	17.224	2597	2599	2602	rVB	44982	43168	1.66%	0.127%
76	17.271	2603	2607	2610	rBV	95911	127234	4.89%	0.375%
77	17.312	2610	2614	2622	rVV	1346126	1651333	63.41%	4.867%
78	17.395	2622	2628	2637	rVB4	74040	159259	6.12%	0.469%
79	17.512	2644	2648	2650	rBV3	76994	118330	4.54%	0.349%
80	17.542	2650	2653	2658	rVB3	177379	211861	8.14%	0.624%
81	17.630	2665	2668	2672	rVB	130948	133596	5.13%	0.394%
82	17.677	2672	2676	2682	rBV4	168934	311618	11.97%	0.918%
83	17.795	2693	2696	2700	rVB	60224	57238	2.20%	0.169%
84	17.836	2700	2703	2707	rBV2	69035	86203	3.31%	0.254%
85	18.230	2768	2770	2774	rVB2	68290	68477	2.63%	0.202%
86	18.377	2792	2795	2798	rVB	122969	127149	4.88%	0.375%
87	18.412	2798	2801	2804	rBV	80827	97125	3.73%	0.286%
88	18.506	2815	2817	2821	rVB	71703	77973	2.99%	0.230%
89	18.559	2821	2826	2830	rBV3	98122	181603	6.97%	0.535%
90	18.665	2839	2844	2848	rBV2	836701	1424410	54.70%	4.198%
91	18.706	2848	2851	2856	rVB2	599116	717940	27.57%	2.116%
92	18.800	2864	2867	2871	rVB	116639	135087	5.19%	0.398%
93	18.953	2891	2893	2897	rVB2	89947	102346	3.93%	0.302%
94	19.177	2928	2931	2934	rBV	131263	139458	5.36%	0.411%
95	19.865	3046	3048	3051	rVB	95242	91289	3.51%	0.269%
96	19.947	3057	3062	3065	rBV	493085	791038	30.38%	2.331%
97	20.236	3108	3111	3115	rBV	264097	328685	12.62%	0.969%
98	20.300	3118	3122	3127	rVB	398756	480042	18.43%	1.415%
99	20.353	3128	3131	3134	rBV	303303	318389	12.23%	0.938%
100	22.077	3421	3424	3429	rBV	83452	148331	5.70%	0.437%

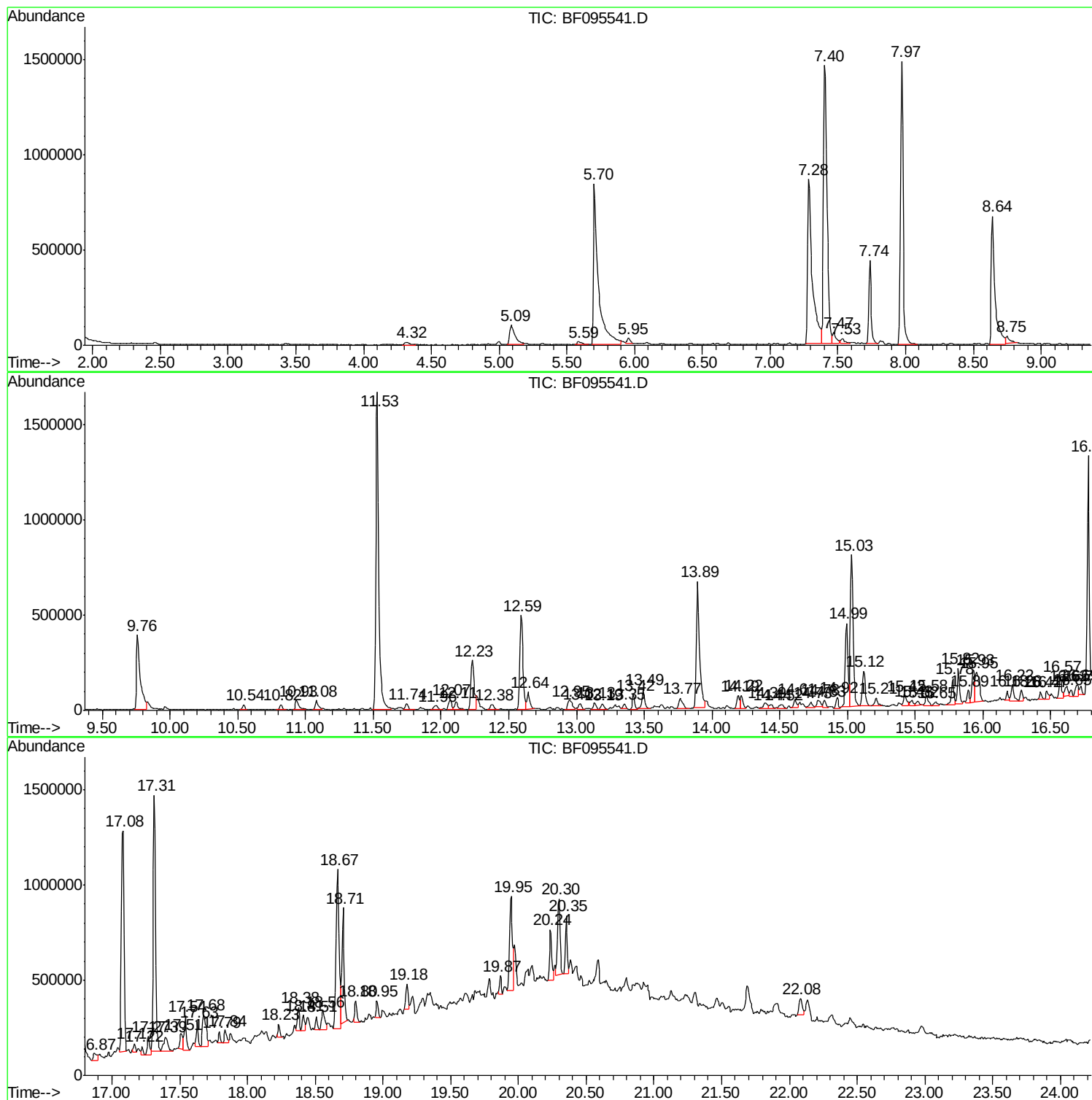
Sum of corrected areas: 33928714

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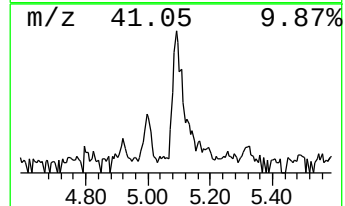
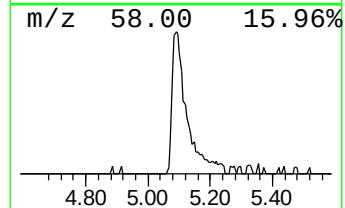
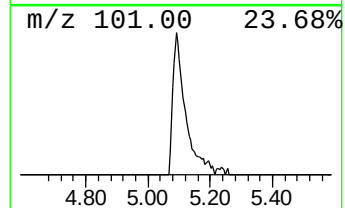
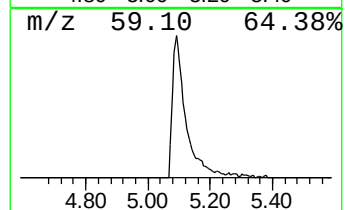
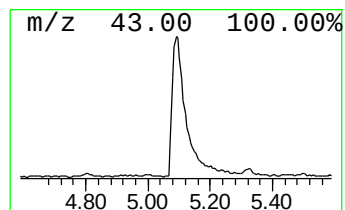
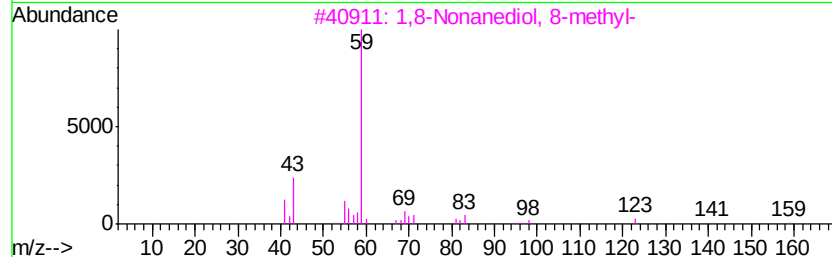
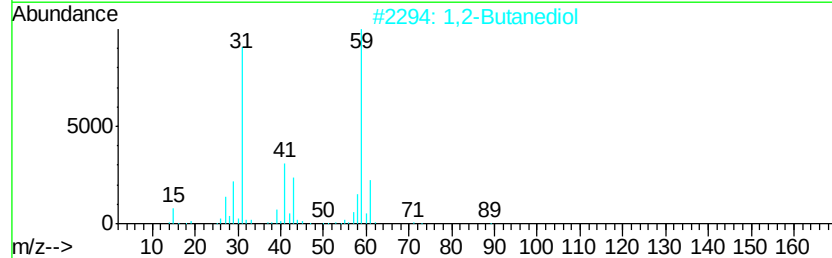
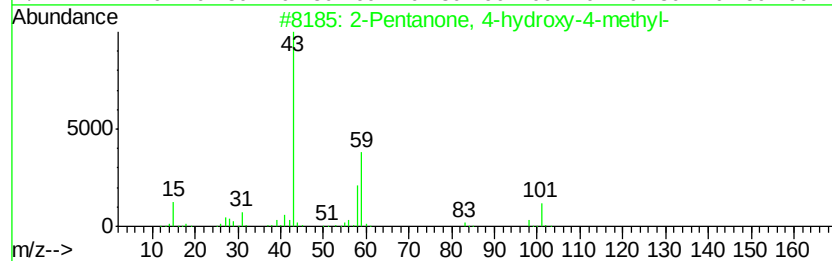
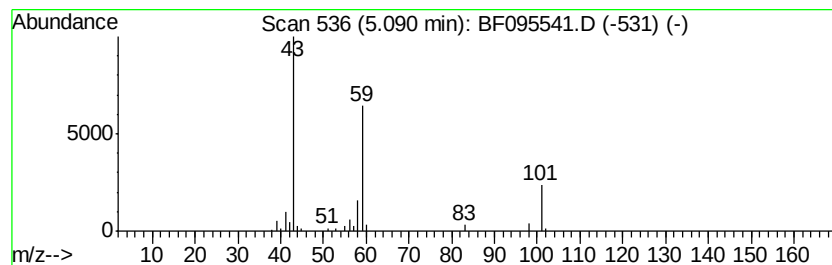
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	10.92 ng	286950	1,4-Dichlorobenzene-d4	7.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		1,2-Butanediol	90	C4H10O2	000584-03-2	32
3		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17



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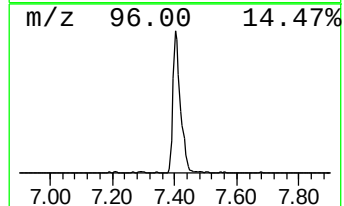
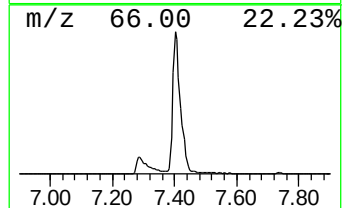
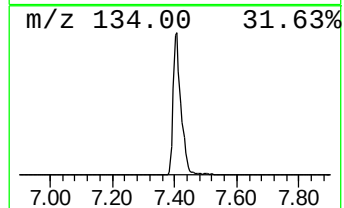
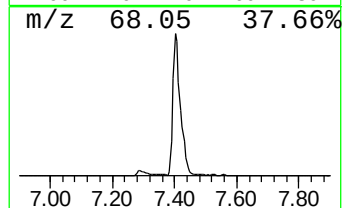
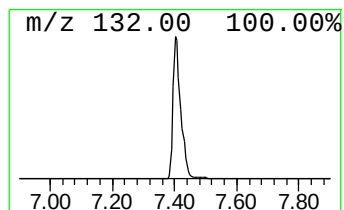
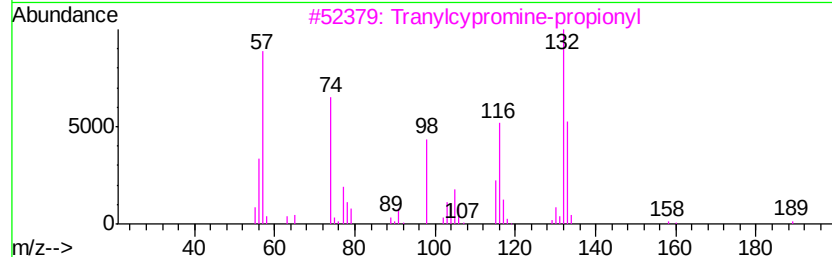
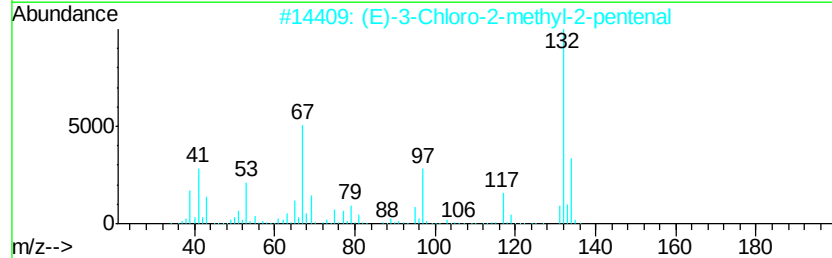
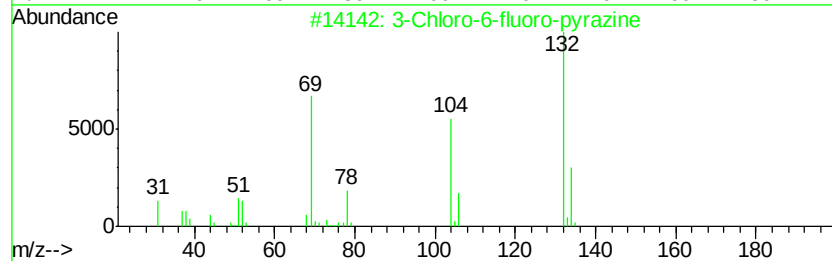
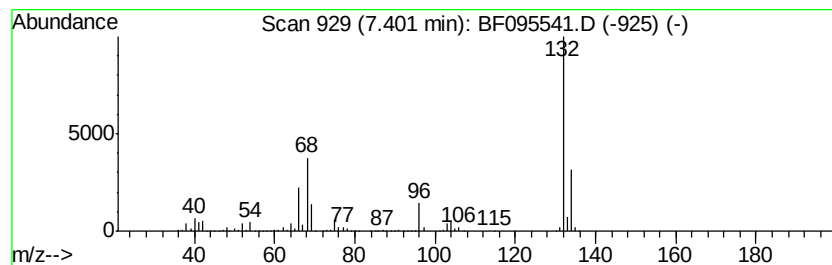
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	99.13 ng	2604090	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		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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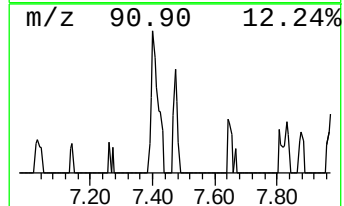
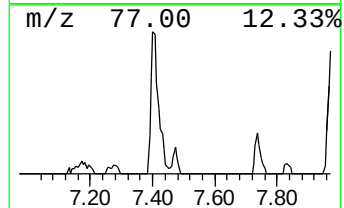
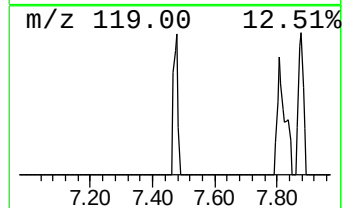
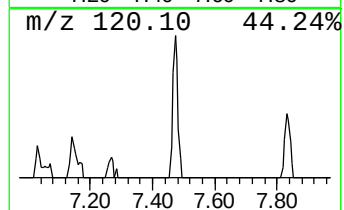
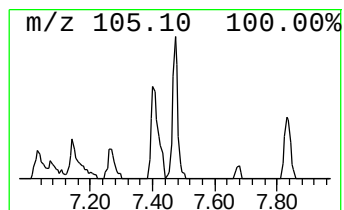
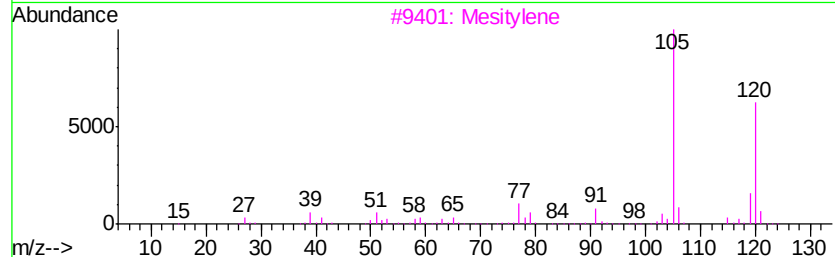
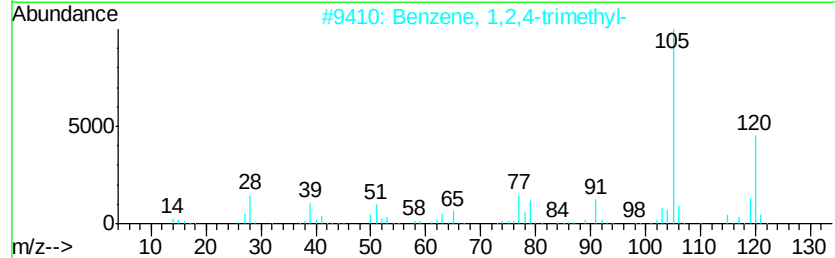
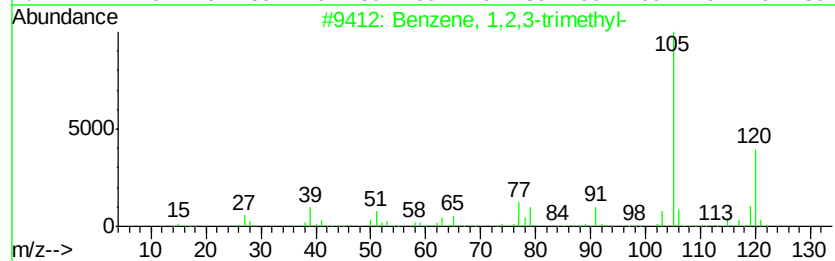
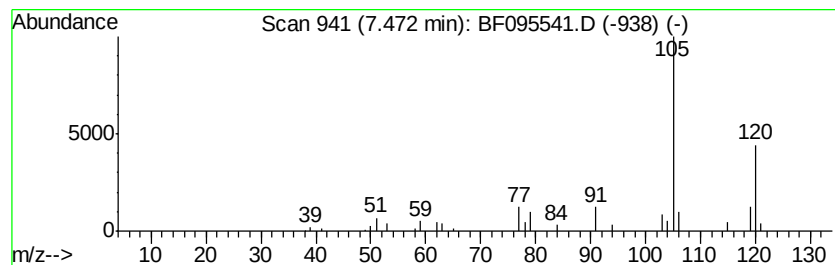
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	4.14 ng	108695	1,4-Dichlorobenzene-d4	7.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095541.D
Acq On : 30 May 2017 18:16
Operator : SJ/MA
Sample : I3281-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

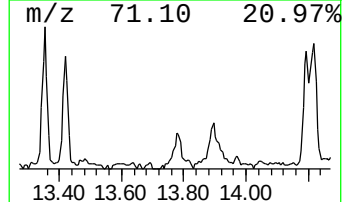
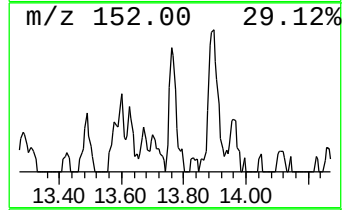
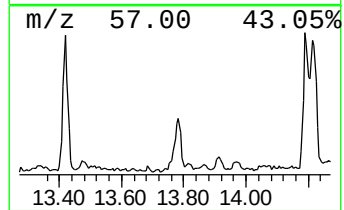
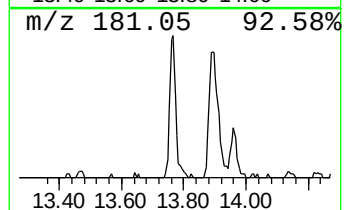
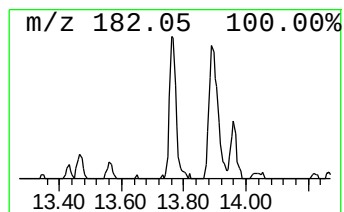
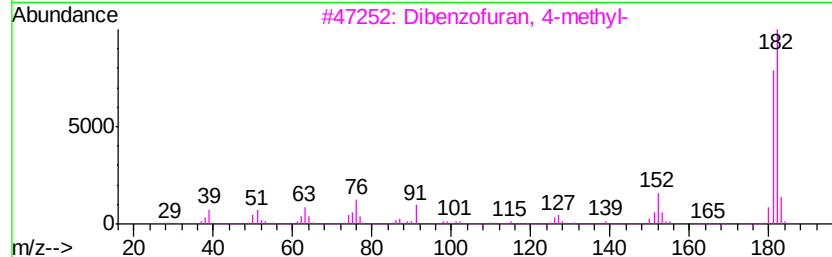
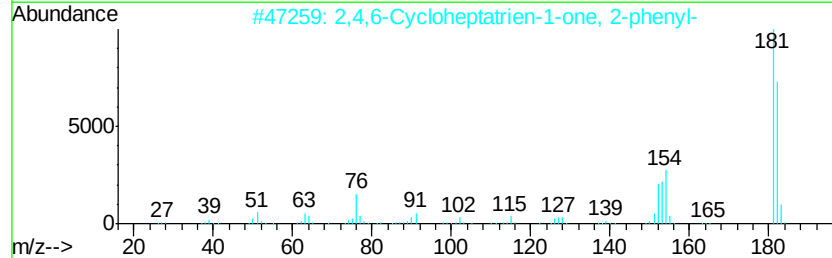
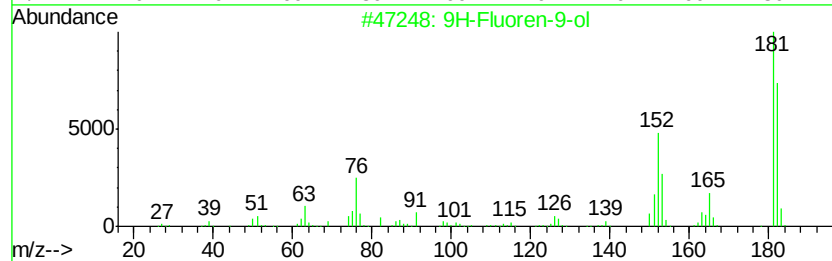
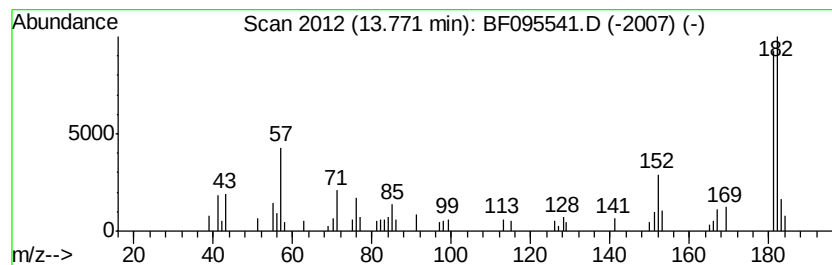
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9H-Fluoren-9-ol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	3.00 ng	117234	Acenaphthene-d10	12.59
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9H-Fluoren-9-ol	182 C13H10O	001689-64-1	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182 C13H10O	014562-09-5	90
3	Dibenzofuran, 4-methyl-	182 C13H10O	007320-53-8	90
4	[1,1'-Biphenyl]-4-carboxaldehyde	182 C13H10O	003218-36-8	72
5	2-Hydroxyfluorene	182 C13H10O	002443-58-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
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Operator : SJ/MA
Sample : I3281-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

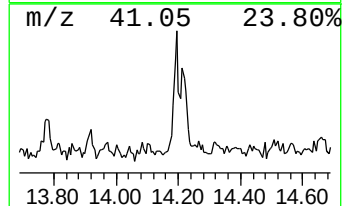
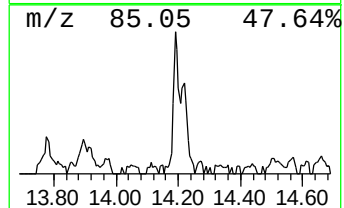
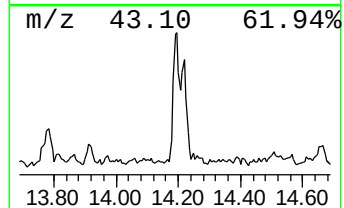
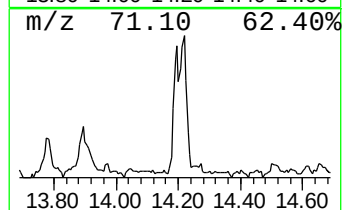
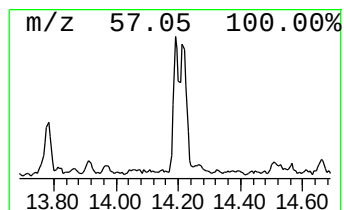
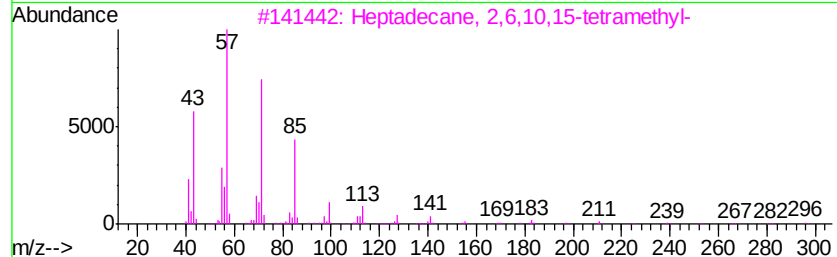
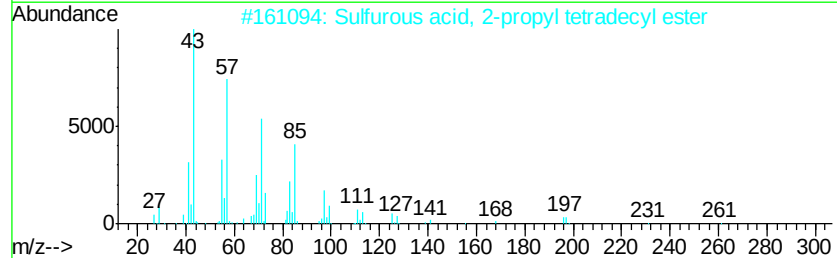
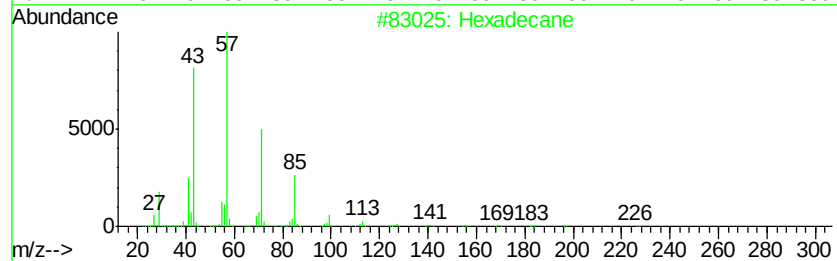
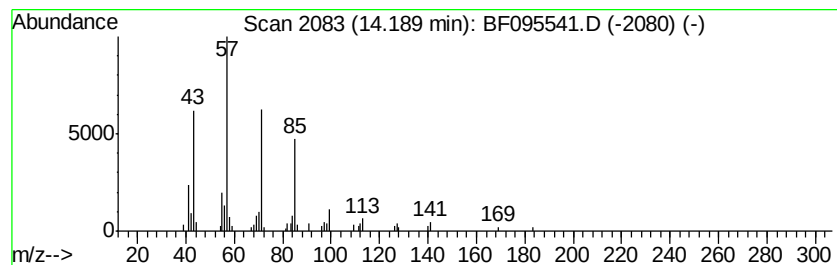
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.19	3.22 ng	94660	Phenanthrene-d10	14.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Octacosane	394	C28H58	000630-02-4	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095541.D
Acq On : 30 May 2017 18:16
Operator : SJ/MA
Sample : I3281-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
R1-TP14-SS6

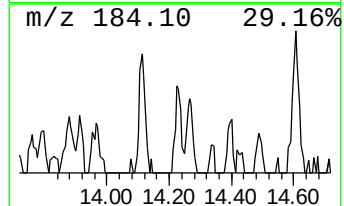
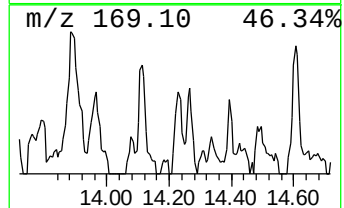
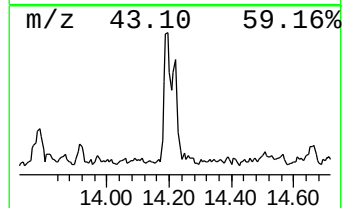
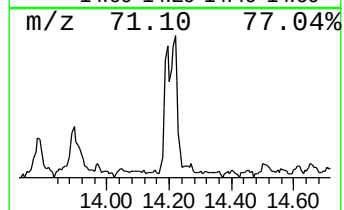
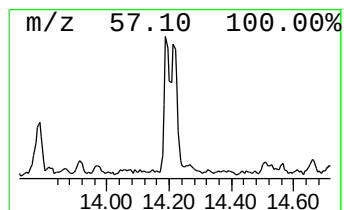
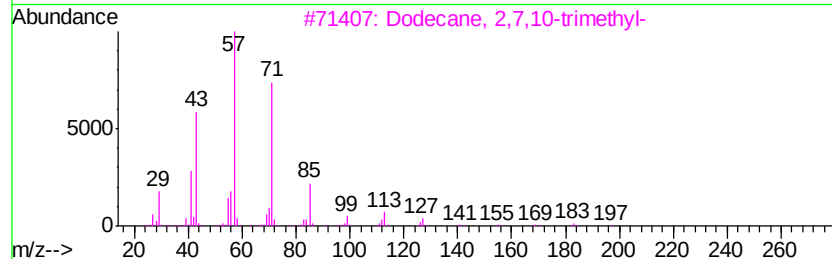
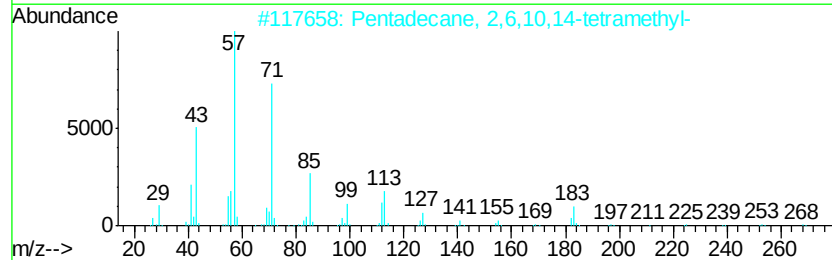
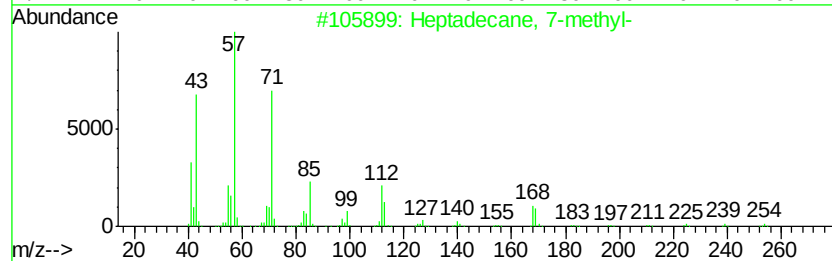
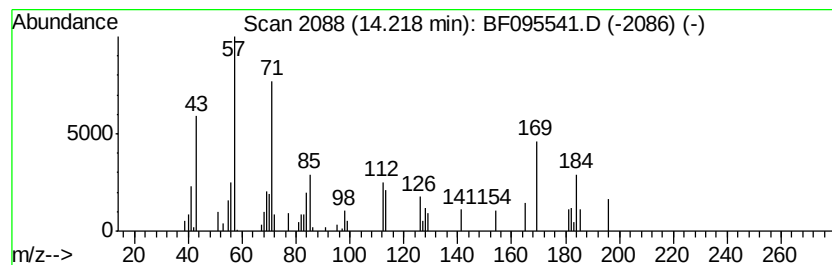
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown14.22 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	2.89 ng	84935	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	47
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	43
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	38
4		S-(2-Methyl-3-furyl)-2-methylpro...	184	C9H12O2S	1000360-32-7	38
5		Decane, 2-methyl-	156	C11H24	006975-98-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
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Acq On : 30 May 2017 18:16
Operator : SJ/MA
Sample : I3281-20
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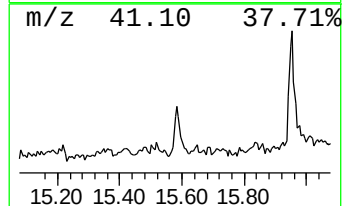
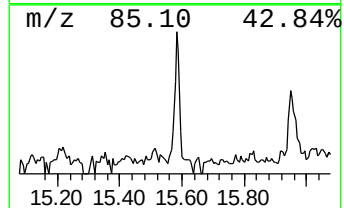
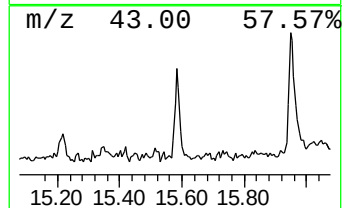
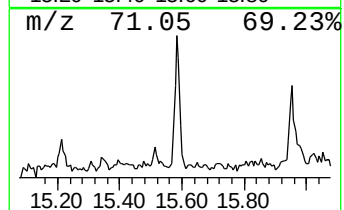
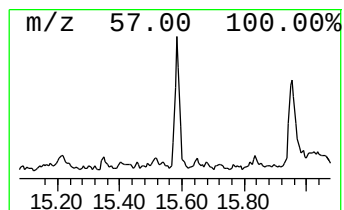
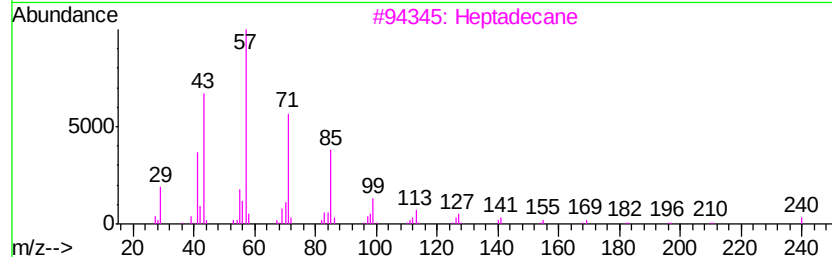
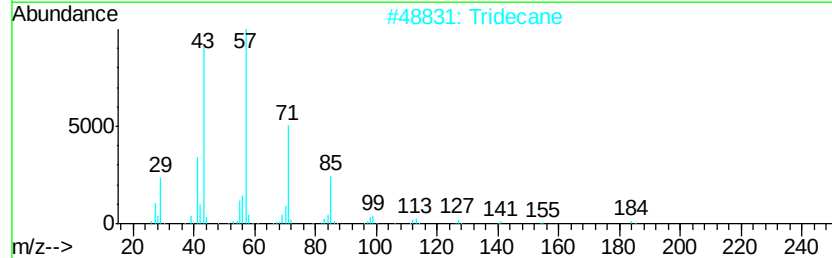
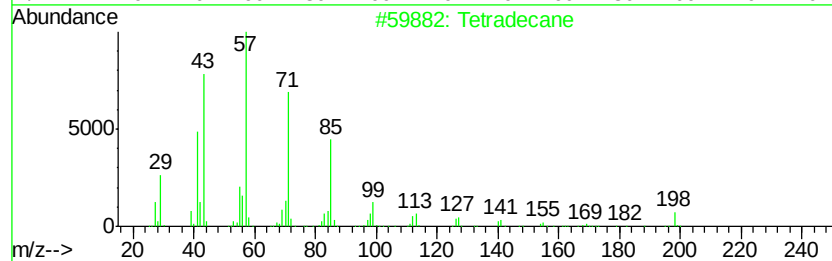
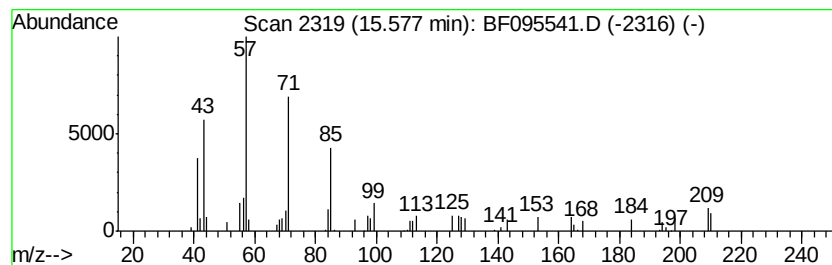
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.58	2.79 ng	82127	Phenanthrene-d10		14.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Tridecane	184	C13H28	000629-50-5	87
3	Heptadecane	240	C17H36	000629-78-7	80
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	72
5	Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095541.D
Acq On : 30 May 2017 18:16
Operator : SJ/MA
Sample : I3281-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

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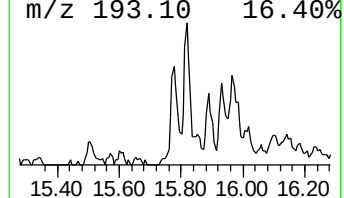
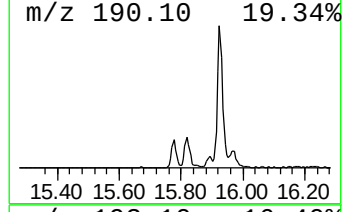
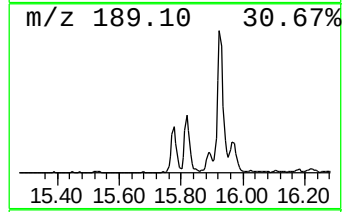
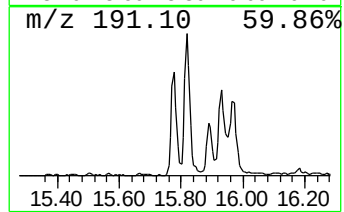
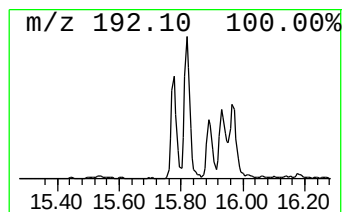
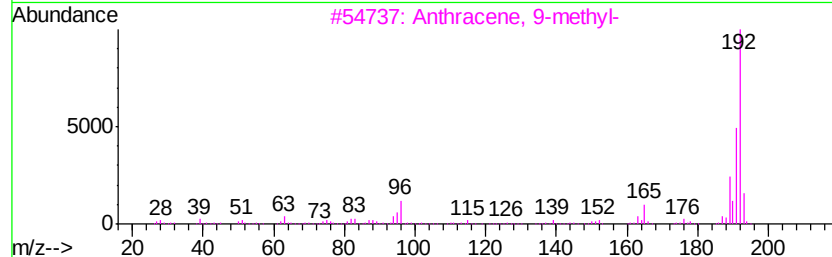
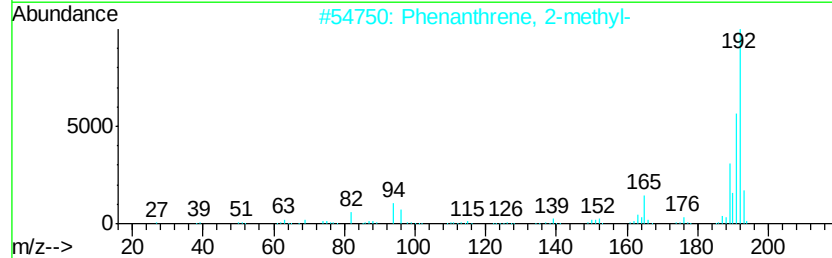
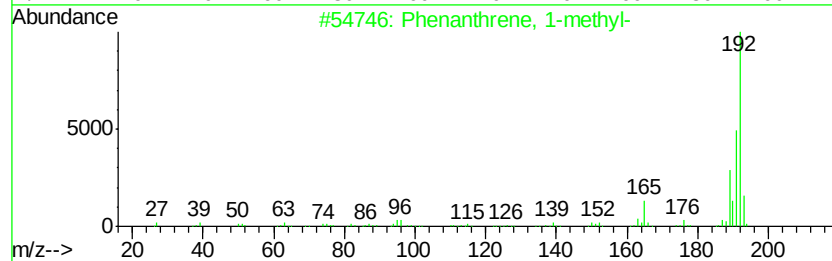
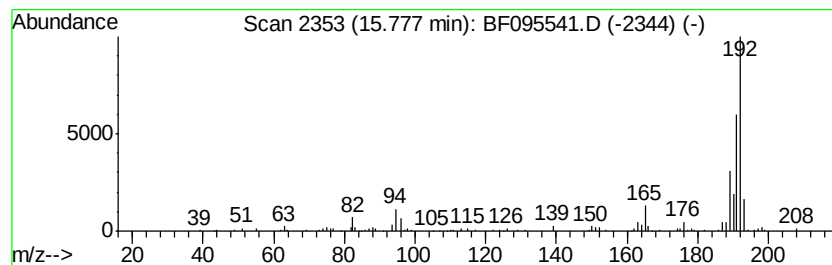
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	6.45 ng	189547	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095541.D
Acq On : 30 May 2017 18:16
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Misc :
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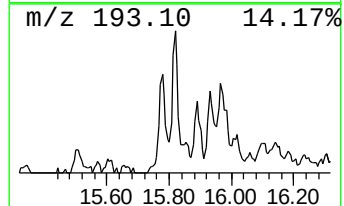
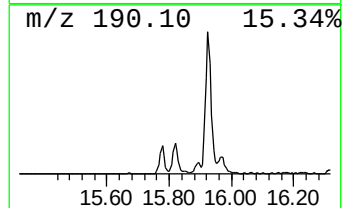
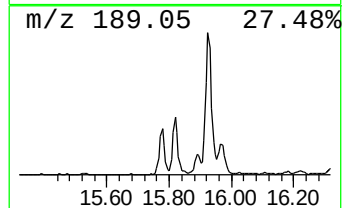
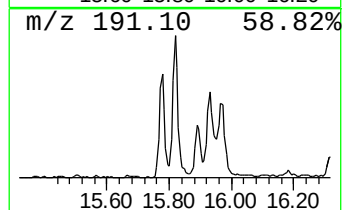
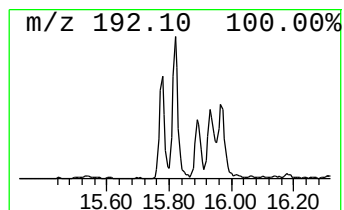
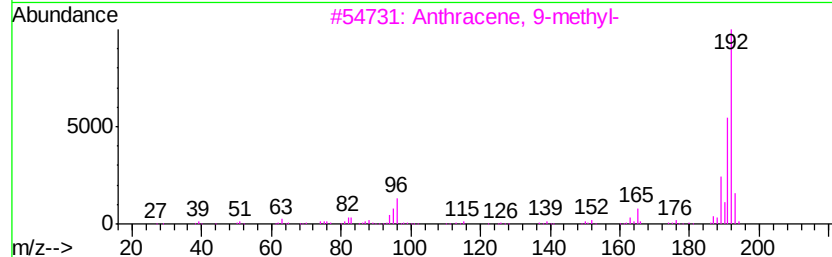
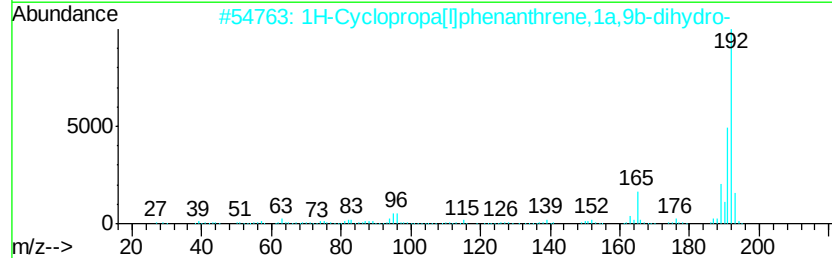
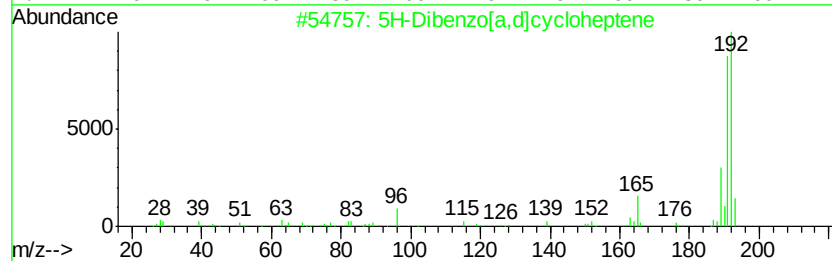
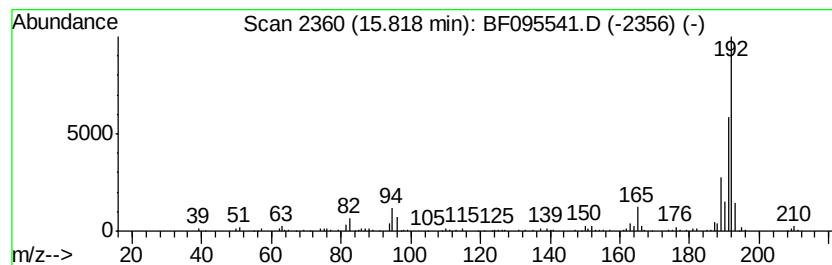
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 5H-Dibenzo[a,d]cycloheptene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	7.88 ng	231838	Phenanthrene-d10	14.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
2		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	92
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
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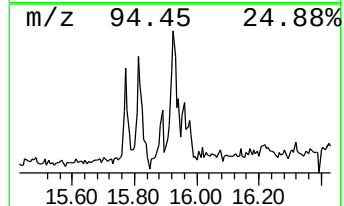
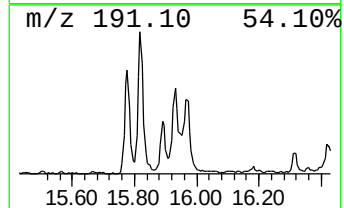
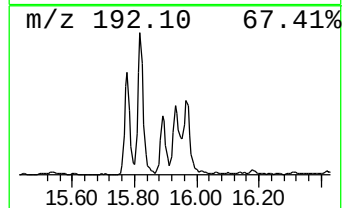
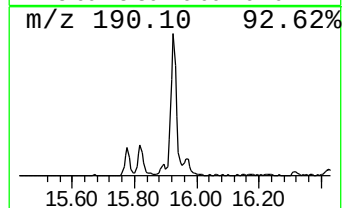
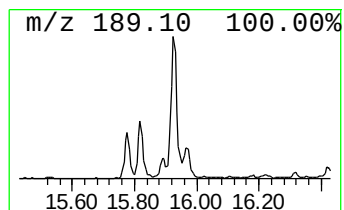
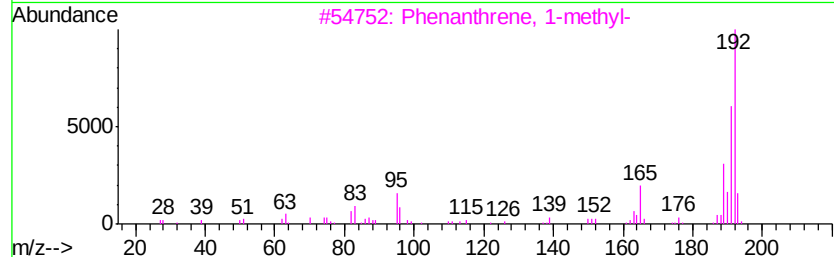
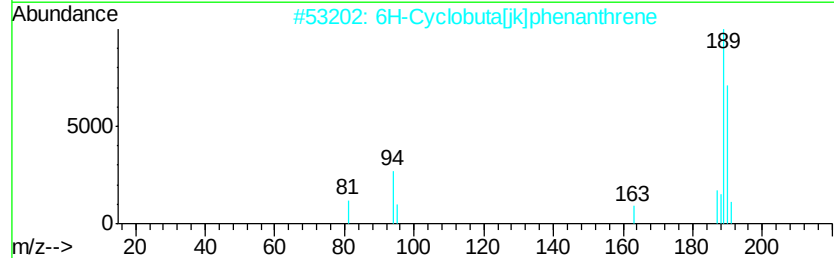
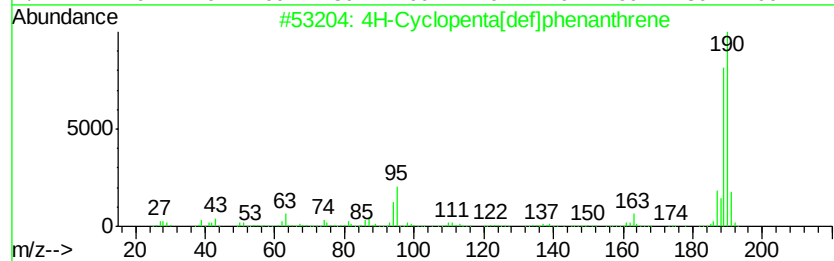
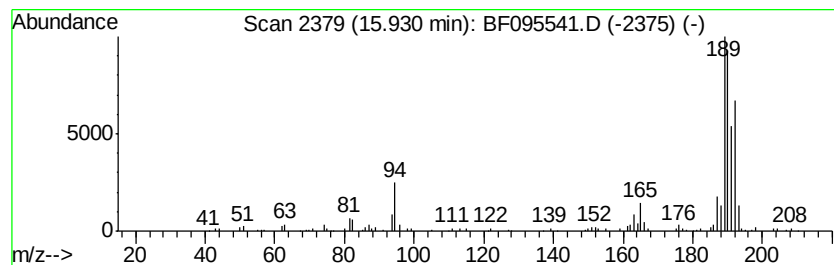
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.93	8.34 ng	245365	Phenanthrene-d10	14.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095541.D
Acq On : 30 May 2017 18:16
Operator : SJ/MA
Sample : I3281-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

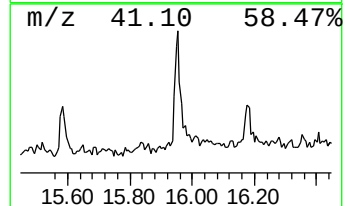
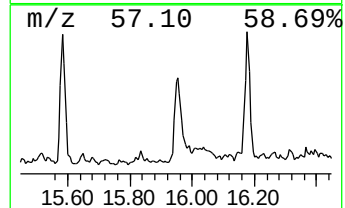
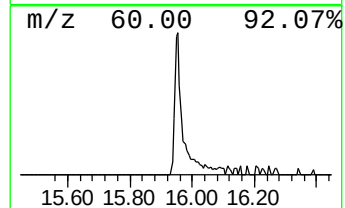
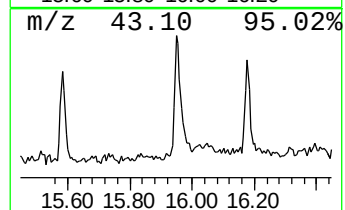
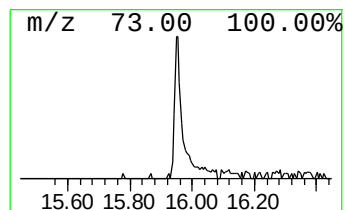
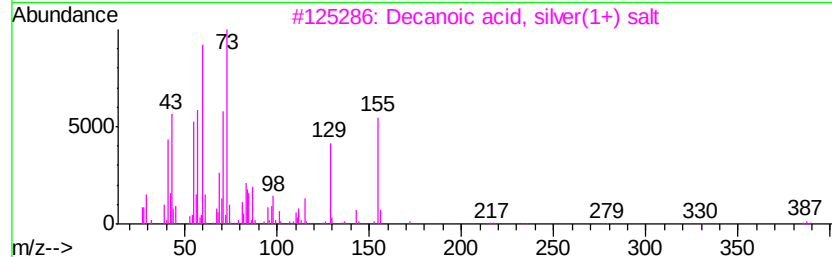
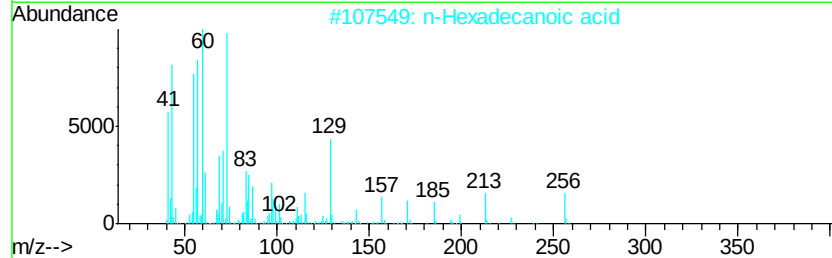
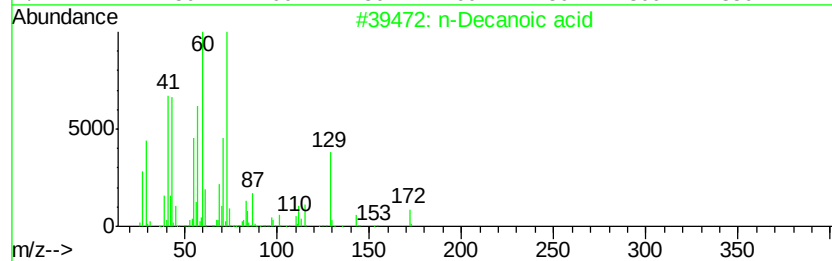
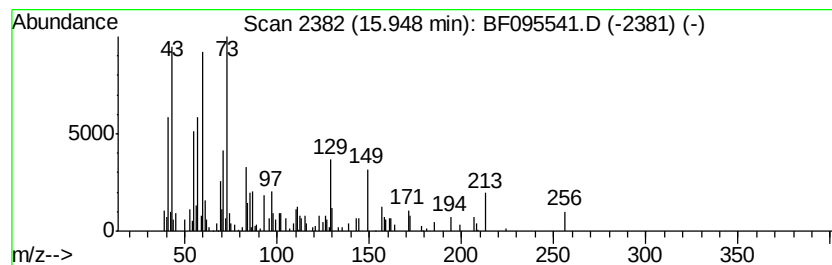
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Decanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.95	9.83 ng	289096	Phenanthrene-d10		14.99	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Decanoic acid	172	C10H20O2	000334-48-5	70
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
3		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	53
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5		Tridecanoic acid	214	C13H26O2	000638-53-9	43



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Sample : I3281-20
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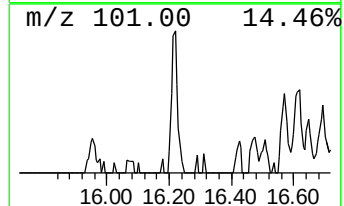
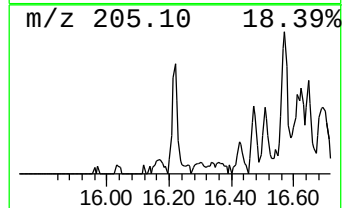
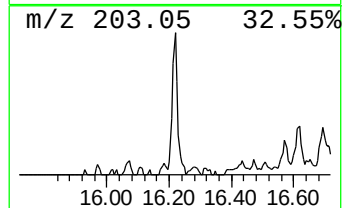
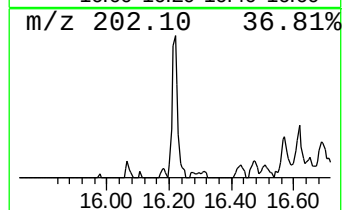
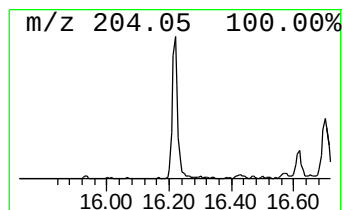
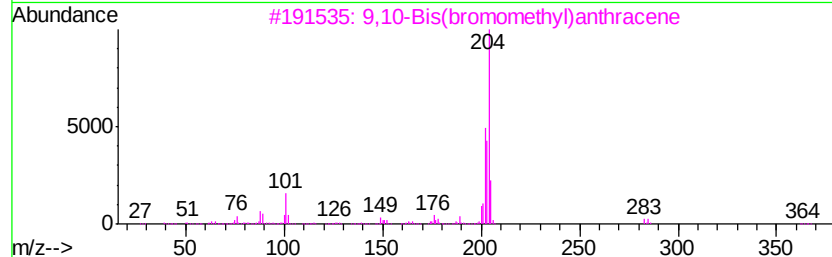
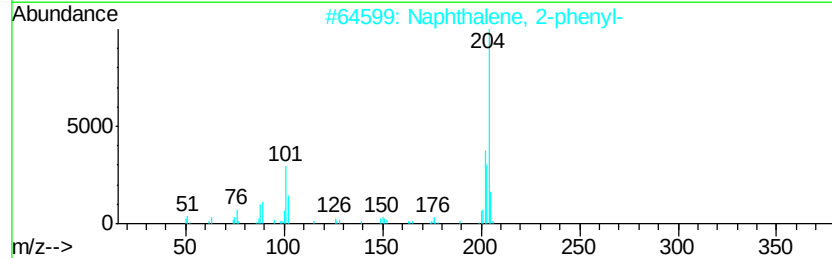
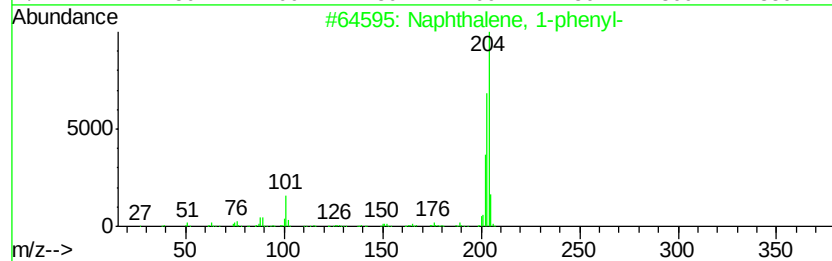
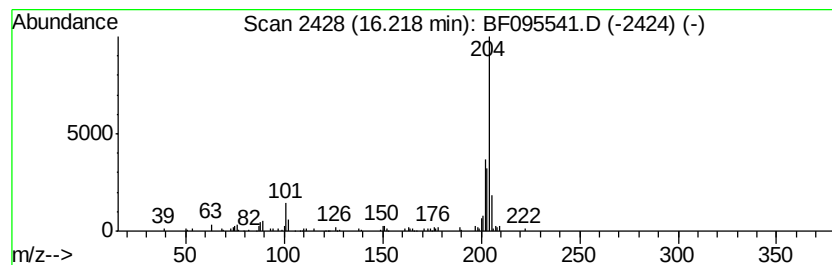
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.22	4.22 ng	124053	Phenanthrene-d10	14.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	90
4		1,2,4,8-Tetramethylbicyclo[6.3.0...]	204	C15H24	137235-51-9	87
5		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
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ClientSampleId :
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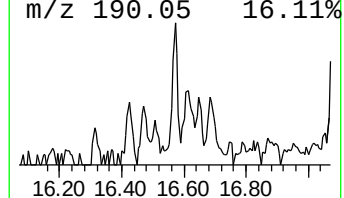
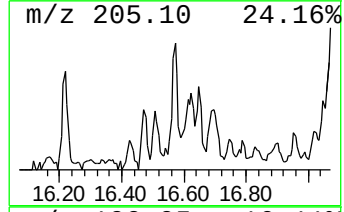
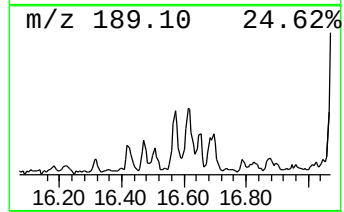
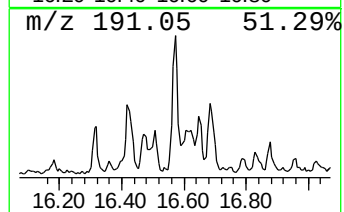
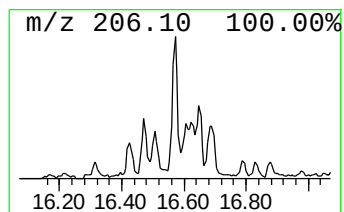
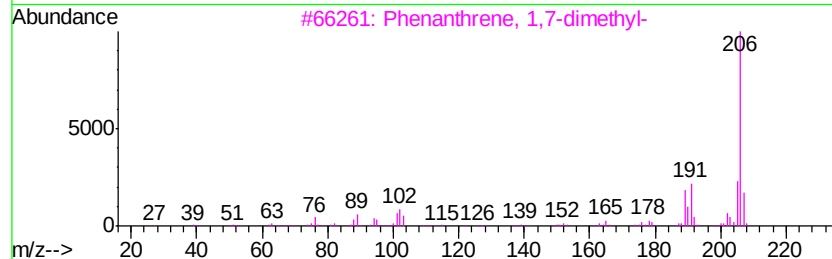
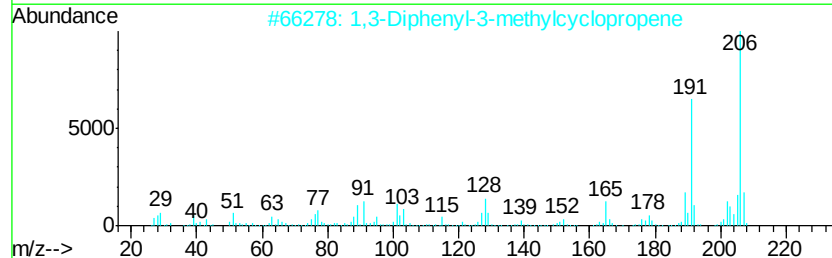
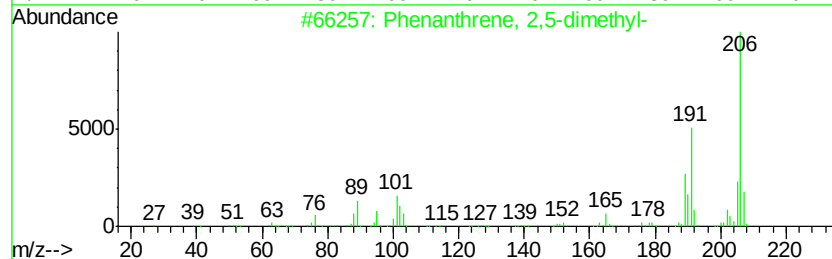
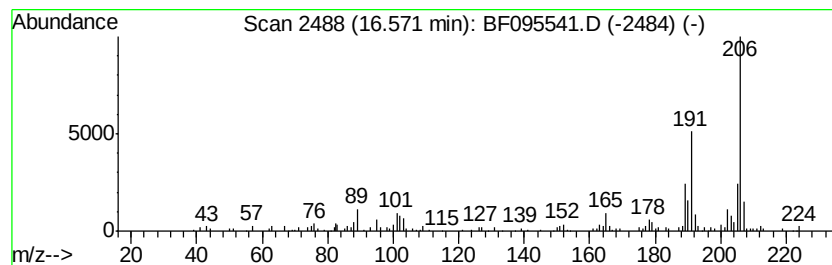
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	4.96 ng	145772	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	96
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095541.D
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Operator : SJ/MA
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ClientSampleId :
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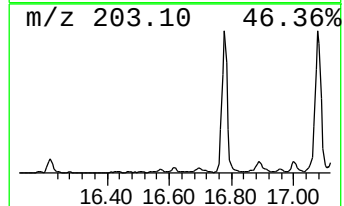
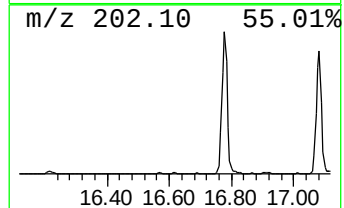
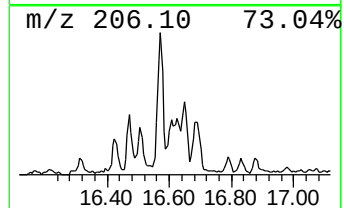
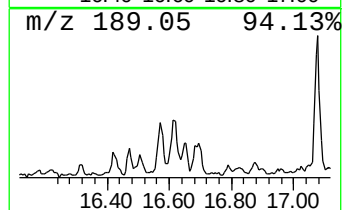
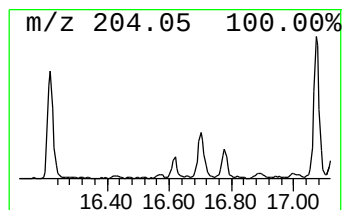
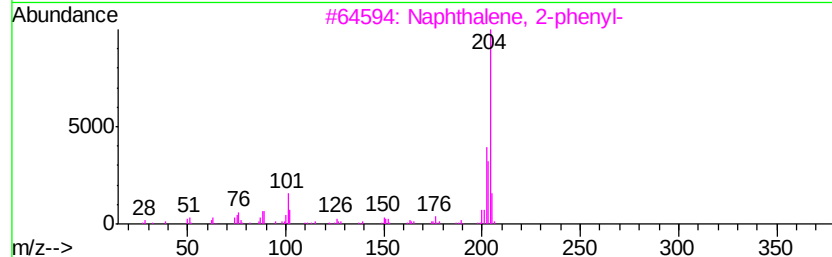
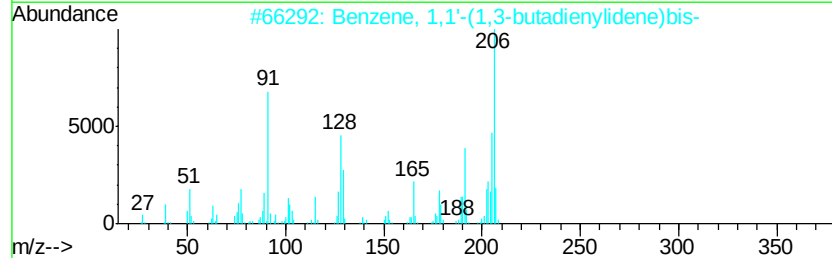
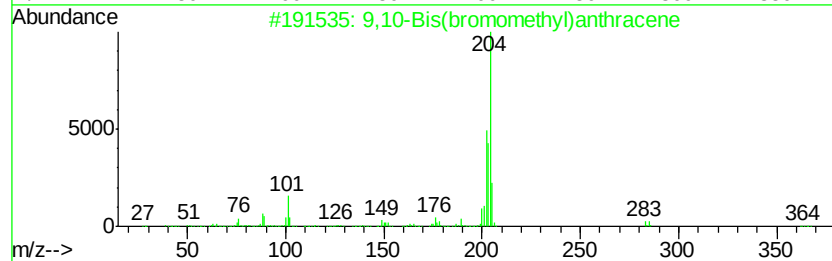
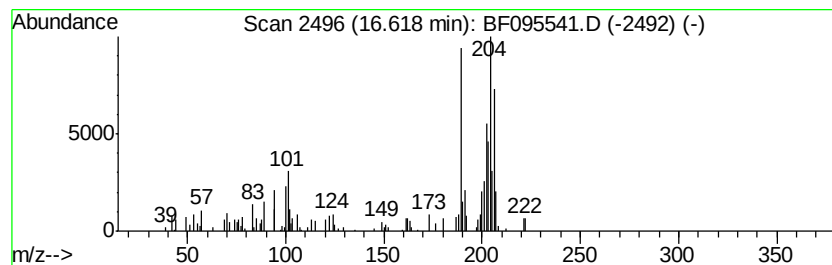
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown16.62 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	2.77 ng	81583	Phenanthrene-d10	14.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38		
2	Benzene, 1,1'-(1,3-butadienylidene...	206	C16H14	004165-81-5	25		
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	25		
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	18		
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	15		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
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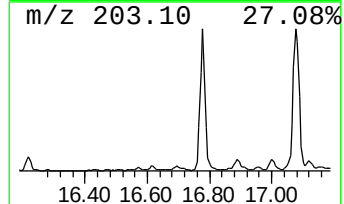
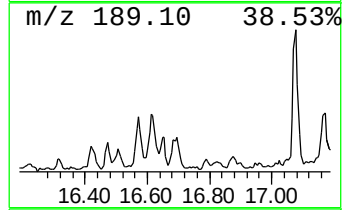
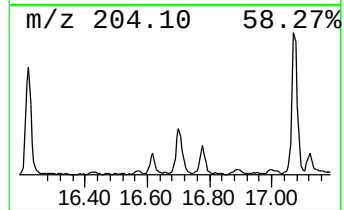
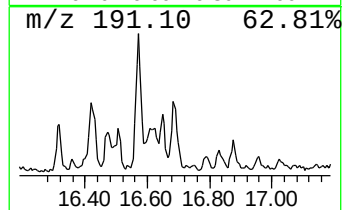
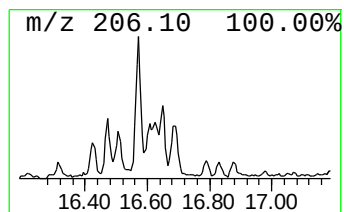
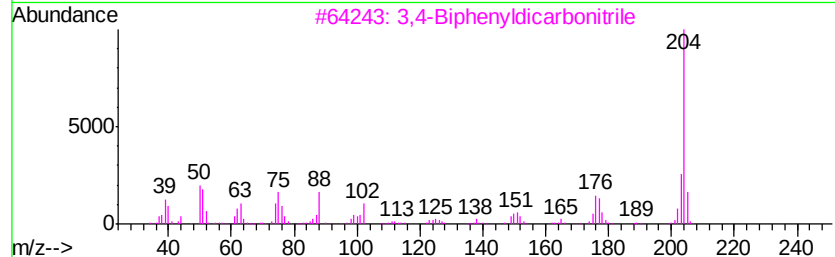
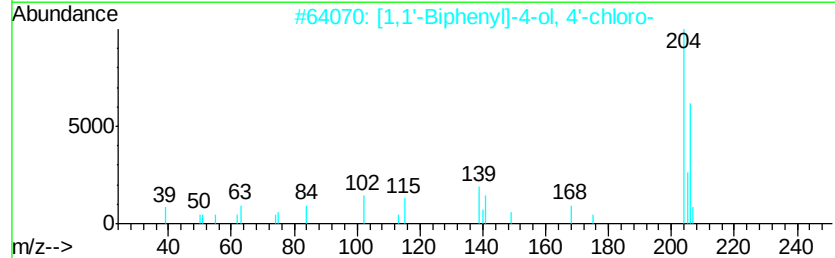
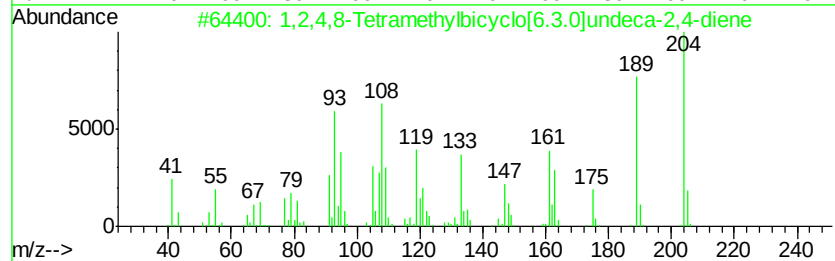
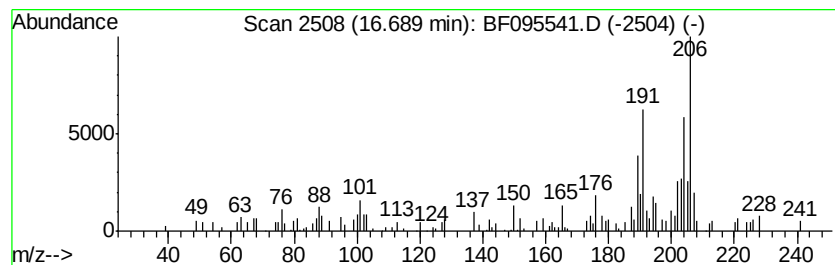
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.69	3.34 ng	98172	Phenanthrene-d10	14.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...]	204	C15H24	137235-51-9	90
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	60
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	55
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	55
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
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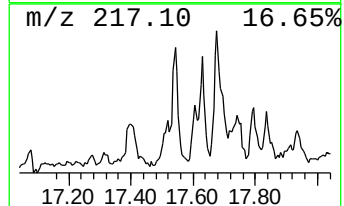
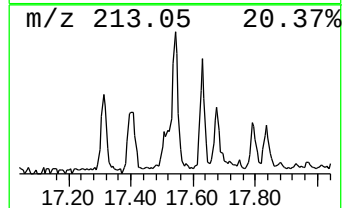
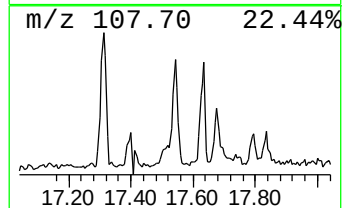
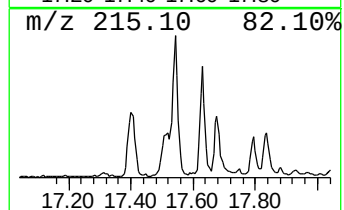
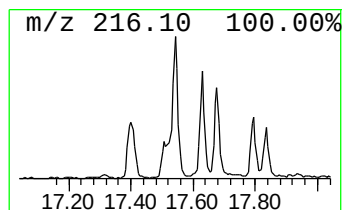
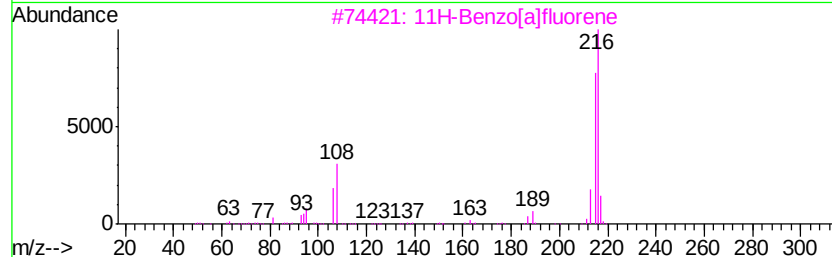
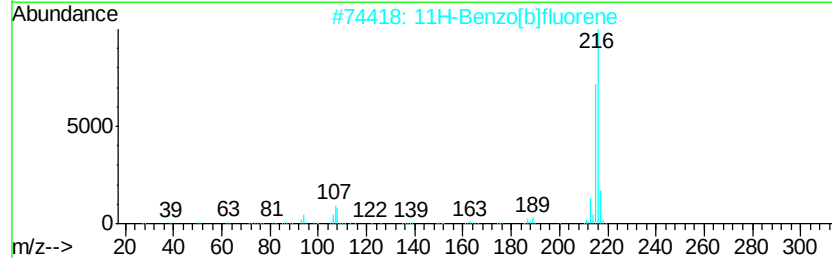
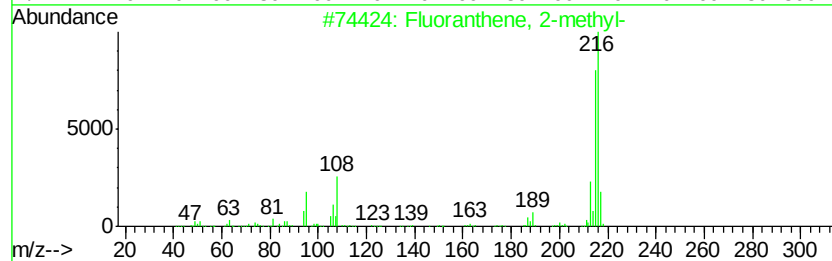
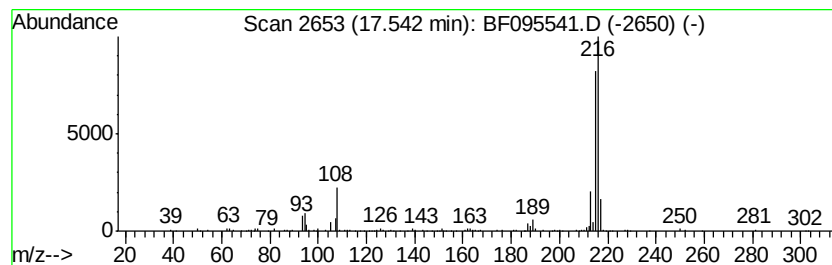
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	2.97 ng	211861	Chrysene-d12	18.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
R1-TP14-SS6

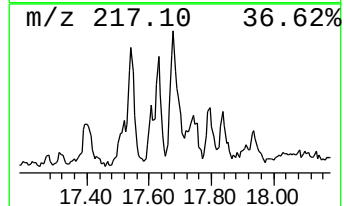
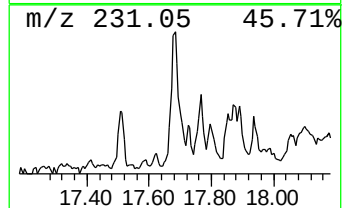
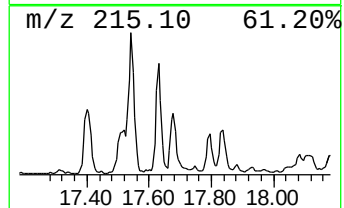
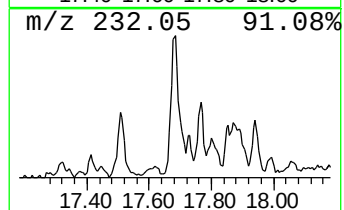
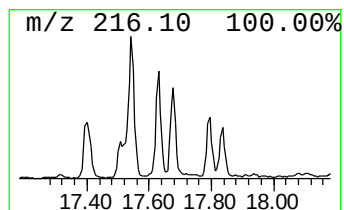
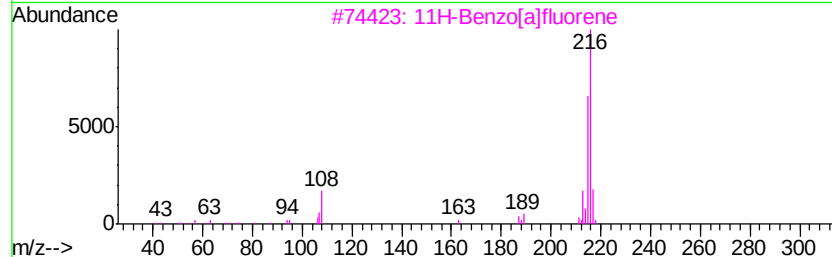
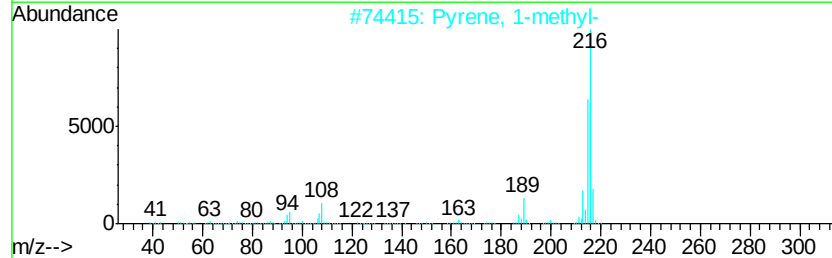
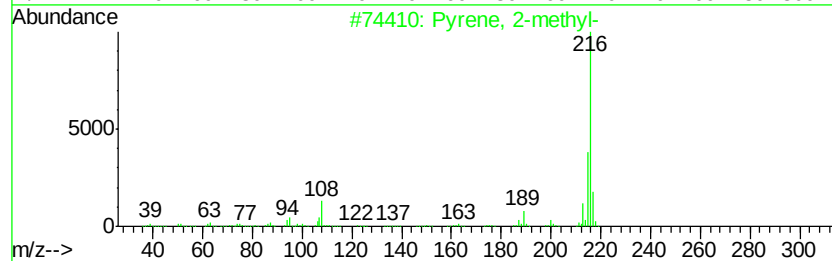
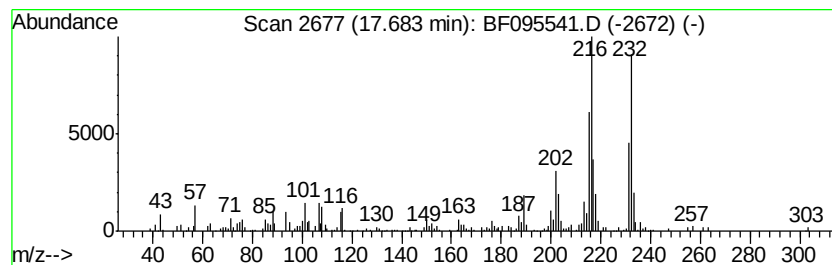
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pyrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	4.38 ng	311618	Chrysene-d12	18.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	55
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	55
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	49
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	46
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095541.D
Acq On : 30 May 2017 18:16
Operator : SJ/MA
Sample : I3281-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R1-TP14-SS6

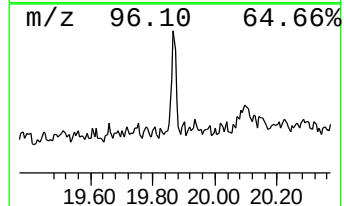
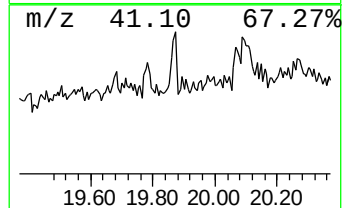
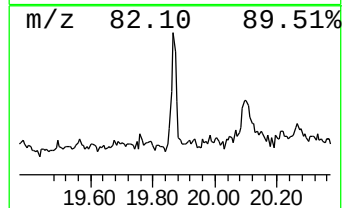
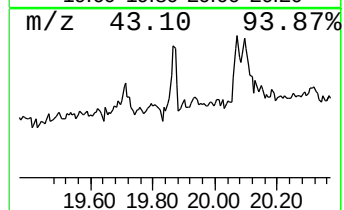
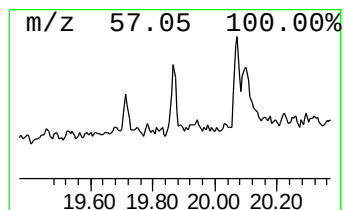
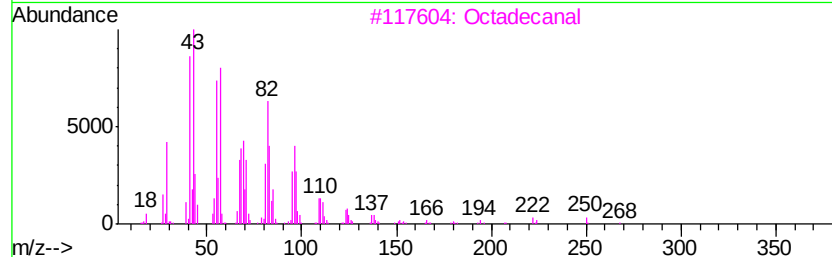
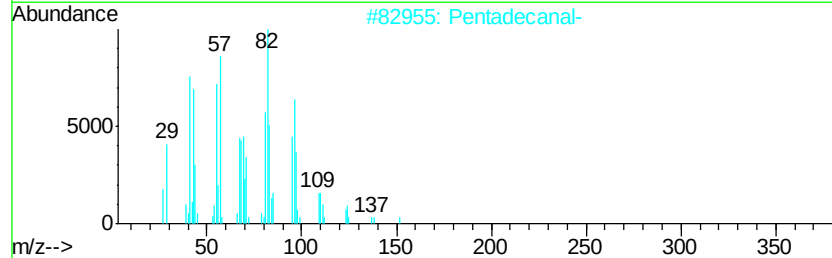
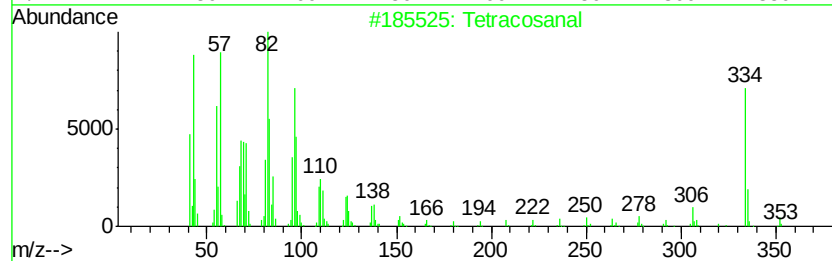
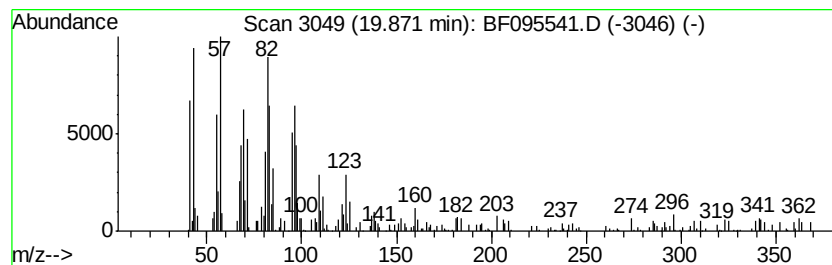
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetracosanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	5.73 ng	91289	Perylene-d12	20.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosanal	352	C24H48O	057866-08-7	90
2			Pentadecanal-	226	C15H30O	002765-11-9	80
3			Octadecanal	268	C18H36O	000638-66-4	80
4			Z-2-Dodecenol	184	C12H24O	069064-36-4	64
5			7-Azabicyclo[4.1.0]heptane, 1-me...	111	C7H13N	025022-25-7	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
 Data File : BF095541.D
 Acq On : 30 May 2017 18:16
 Operator : SJ/MA
 Sample : I3281-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP14-SS6

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...	5.09	10.9	ng	286950	1	7.74	525413	20.0
unknown7.40	7.40	99.1	ng	2604090	1	7.74	525413	20.0
Benzene, 1,2,3-tr...	7.47	4.1	ng	108695	1	7.74	525413	20.0
9H-Fluoren-9-ol	13.77	3.0	ng	117234	3	12.59	780862	20.0
Hexadecane	14.19	3.2	ng	94660	4	14.99	588065	20.0
unknown14.22	14.22	2.9	ng	84935	4	14.99	588065	20.0
Tetradecane	15.58	2.8	ng	82127	4	14.99	588065	20.0
Phenanthrene, 1-m...	15.78	6.5	ng	189547	4	14.99	588065	20.0
5H-Dibenzo[a,d]cy...	15.82	7.9	ng	231838	4	14.99	588065	20.0
4H-Cyclopenta[def...	15.93	8.3	ng	245365	4	14.99	588065	20.0
n-Decanoic acid	15.95	9.8	ng	289096	4	14.99	588065	20.0
Naphthalene, 1-ph...	16.22	4.2	ng	124053	4	14.99	588065	20.0
Phenanthrene, 2,5...	16.57	5.0	ng	145772	4	14.99	588065	20.0
unknown16.62	16.62	2.8	ng	81583	4	14.99	588065	20.0
1,2,4,8-Tetrameth...	16.69	3.3	ng	98172	4	14.99	588065	20.0
Fluoranthene, 2-m...	17.54	3.0	ng	211861	5	18.67	1424410	20.0
Pyrene, 2-methyl-	17.68	4.4	ng	311618	5	18.67	1424410	20.0
Tetracosanal	19.87	5.7	ng	91289	6	20.35	318389	20.0