

Data Path : Z:\HPCHEM1\BNA F\Data\BF121817\
 Data File : BF101479.D
 Acq On : 18 Dec 2017 14:36
 Operator : SJ/JU
 Sample : I6877-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(0-2)

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-BF121417.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	5.040	499	502	522	rBV	200450	368900	8.49%	0.513%
2	5.434	564	569	589	rVB	3353766	3991171	91.90%	5.554%
3	6.451	737	742	760	rBV	3474140	4342843	100.00%	6.043%
4	6.581	760	764	767	rVV	3884538	3937547	90.67%	5.479%
5	6.628	770	772	779	rVB2	66858	86554	1.99%	0.120%
6	6.804	799	802	809	rBV	1115997	1010645	23.27%	1.406%
7	6.963	825	829	838	rBV	3293136	3199123	73.66%	4.452%
8	7.381	895	900	910	rBV	2572066	2884669	66.42%	4.014%
9	8.086	1017	1020	1023	rBV	1345976	1288373	29.67%	1.793%
10	8.804	1138	1142	1148	rBV2	137583	132333	3.05%	0.184%
11	8.904	1154	1159	1162	rBV	105999	108867	2.51%	0.151%
12	9.163	1198	1203	1206	rBV	4048710	4037365	92.97%	5.618%
13	9.233	1212	1215	1218	rVB	145308	115805	2.67%	0.161%
14	9.428	1244	1248	1253	rBV	65621	90068	2.07%	0.125%
15	9.504	1257	1261	1264	rBV	117582	138396	3.19%	0.193%
16	9.557	1267	1270	1276	rVB	425713	423529	9.75%	0.589%
17	9.704	1292	1295	1299	rBV	185939	180150	4.15%	0.251%
18	9.763	1302	1305	1308	rVB	315420	234482	5.40%	0.326%
19	9.845	1313	1319	1322	rVV	1584371	1437229	33.09%	2.000%
20	9.875	1322	1324	1328	rVV	372617	333789	7.69%	0.464%
21	9.998	1340	1345	1347	rBV3	72728	91985	2.12%	0.128%
22	10.051	1350	1354	1357	rVV2	214822	207787	4.78%	0.289%
23	10.086	1357	1360	1363	rVB3	120789	123611	2.85%	0.172%
24	10.157	1369	1372	1375	rBV	74608	86216	1.99%	0.120%
25	10.263	1387	1390	1393	rVB	341156	320760	7.39%	0.446%
26	10.392	1408	1412	1418	rVB2	249106	274876	6.33%	0.383%
27	10.480	1424	1427	1429	rVB	131720	118047	2.72%	0.164%
28	10.551	1437	1439	1445	rVB2	117560	120813	2.78%	0.168%
29	10.639	1450	1454	1460	rBV	2284594	2328624	53.62%	3.240%
30	10.733	1467	1470	1476	rBV2	306697	383435	8.83%	0.534%
31	10.945	1499	1506	1508	rBV3	114606	181314	4.18%	0.252%
32	11.069	1522	1527	1529	rBV2	115277	168406	3.88%	0.234%
33	11.092	1529	1531	1536	rVV2	107713	126800	2.92%	0.176%
34	11.151	1537	1541	1543	rVV2	114910	130870	3.01%	0.182%

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35	11.180	1543	1546	1550	rVV2	259001	279893	6.44%	0.389%
36	11.233	1553	1555	1559	rVB	194210	161437	3.72%	0.225%
37	11.333	1569	1572	1574	rBV	1283905	1257690	28.96%	1.750%
38	11.363	1574	1577	1580	rVV	2544806	2233897	51.44%	3.109%
39	11.410	1580	1585	1588	rVV	728649	736585	16.96%	1.025%
40	11.451	1590	1592	1597	rVB3	87771	106304	2.45%	0.148%
41	11.574	1608	1613	1617	rBV3	245775	368072	8.48%	0.512%
42	11.610	1617	1619	1620	rVV	122281	92955	2.14%	0.129%
43	11.839	1652	1658	1659	rBV	395769	405555	9.34%	0.564%
44	11.869	1659	1663	1667	rVV	548956	608036	14.00%	0.846%
45	11.916	1667	1671	1674	rVV	254251	229305	5.28%	0.319%
46	11.951	1674	1677	1679	rVV	640853	672119	15.48%	0.935%
47	11.974	1679	1681	1685	rVB	303841	267295	6.15%	0.372%
48	12.016	1685	1688	1692	rBV3	147094	144536	3.33%	0.201%
49	12.127	1705	1707	1712	rVB	300103	285373	6.57%	0.397%
50	12.174	1712	1715	1718	rVV	160314	144088	3.32%	0.201%
51	12.280	1728	1733	1736	rBV2	134311	195221	4.50%	0.272%
52	12.316	1736	1739	1741	rVV	102250	86100	1.98%	0.120%
53	12.386	1748	1751	1753	rBV	329160	307597	7.08%	0.428%
54	12.427	1756	1758	1760	rVV2	154366	158477	3.65%	0.221%
55	12.486	1763	1768	1771	rVB2	186649	237441	5.47%	0.330%
56	12.557	1776	1780	1783	rBV	3077388	3154994	72.65%	4.390%
57	12.616	1788	1790	1792	rVV2	115417	119308	2.75%	0.166%
58	12.651	1793	1796	1801	rVV	114775	171872	3.96%	0.239%
59	12.704	1802	1805	1807	rVV2	223266	217170	5.00%	0.302%
60	12.727	1807	1809	1812	rVV2	82219	97427	2.24%	0.136%
61	12.786	1812	1819	1824	rVV2	2801910	3670350	84.51%	5.108%
62	12.833	1824	1827	1831	rVB3	231643	250812	5.78%	0.349%
63	12.921	1836	1842	1845	rBV	2798387	2740669	63.11%	3.814%
64	12.951	1845	1847	1851	rVB	193273	178399	4.11%	0.248%
65	13.004	1851	1856	1860	rBV3	260810	447451	10.30%	0.623%
66	13.110	1867	1874	1880	rBV2	476430	793568	18.27%	1.104%
67	13.180	1883	1886	1888	rBV	272991	254635	5.86%	0.354%
68	13.216	1888	1892	1899	rVB3	337470	493067	11.35%	0.686%
69	13.310	1905	1908	1910	rBV	218764	189170	4.36%	0.263%
70	13.339	1910	1913	1917	rBV2	197196	203518	4.69%	0.283%
71	13.410	1922	1925	1927	rBV3	70960	83354	1.92%	0.116%

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72	13.627	1959	1962	1965	rBV	224526	204936	4.72%	0.285%
73	13.733	1978	1980	1982	rBV2	224143	205012	4.72%	0.285%
74	13.757	1982	1984	1987	rVB	314121	232313	5.35%	0.323%
75	13.804	1987	1992	1996	rVB3	387096	568271	13.09%	0.791%
76	13.839	1996	1998	2004	rVB	247948	243432	5.61%	0.339%
77	13.904	2004	2009	2014	rBV2	105709	217604	5.01%	0.303%
78	13.980	2016	2022	2026	rBV3	1795652	2906593	66.93%	4.045%
79	14.015	2026	2028	2031	rVB	1448240	1116214	25.70%	1.553%
80	14.092	2039	2041	2044	rVB	358197	272562	6.28%	0.379%
81	14.145	2048	2050	2055	rVB4	87129	92631	2.13%	0.129%
82	14.333	2080	2082	2084	rBV	110080	113395	2.61%	0.158%
83	14.374	2086	2089	2092	rVB	342804	317513	7.31%	0.442%
84	14.404	2092	2094	2096	rBV	124913	109272	2.52%	0.152%
85	14.474	2104	2106	2108	rVB2	120305	92266	2.12%	0.128%
86	14.498	2108	2110	2112	rBV	161598	152896	3.52%	0.213%
87	14.704	2141	2145	2147	rBV3	149021	204914	4.72%	0.285%
88	14.798	2159	2161	2165	rVB3	153081	159640	3.68%	0.222%
89	14.874	2171	2174	2177	rBV	180901	176612	4.07%	0.246%
90	15.033	2196	2201	2204	rBV	1297920	2124163	48.91%	2.956%
91	15.139	2215	2219	2223	rVB	361268	366055	8.43%	0.509%
92	15.221	2231	2233	2235	rBV3	83436	95152	2.19%	0.132%
93	15.333	2248	2252	2259	rVB	862094	1087241	25.04%	1.513%
94	15.398	2259	2263	2269	rVV	1254345	1609161	37.05%	2.239%
95	15.457	2269	2273	2276	rVV	644128	769527	17.72%	1.071%
96	15.492	2276	2279	2285	rVB2	394327	534661	12.31%	0.744%
97	16.939	2518	2525	2531	rVB	625099	1241042	28.58%	1.727%
98	17.103	2548	2553	2558	rBV	136560	249233	5.74%	0.347%
99	17.392	2595	2602	2611	rBV	459149	962446	22.16%	1.339%
100	17.639	2639	2644	2654	rVB	166452	387578	8.92%	0.539%

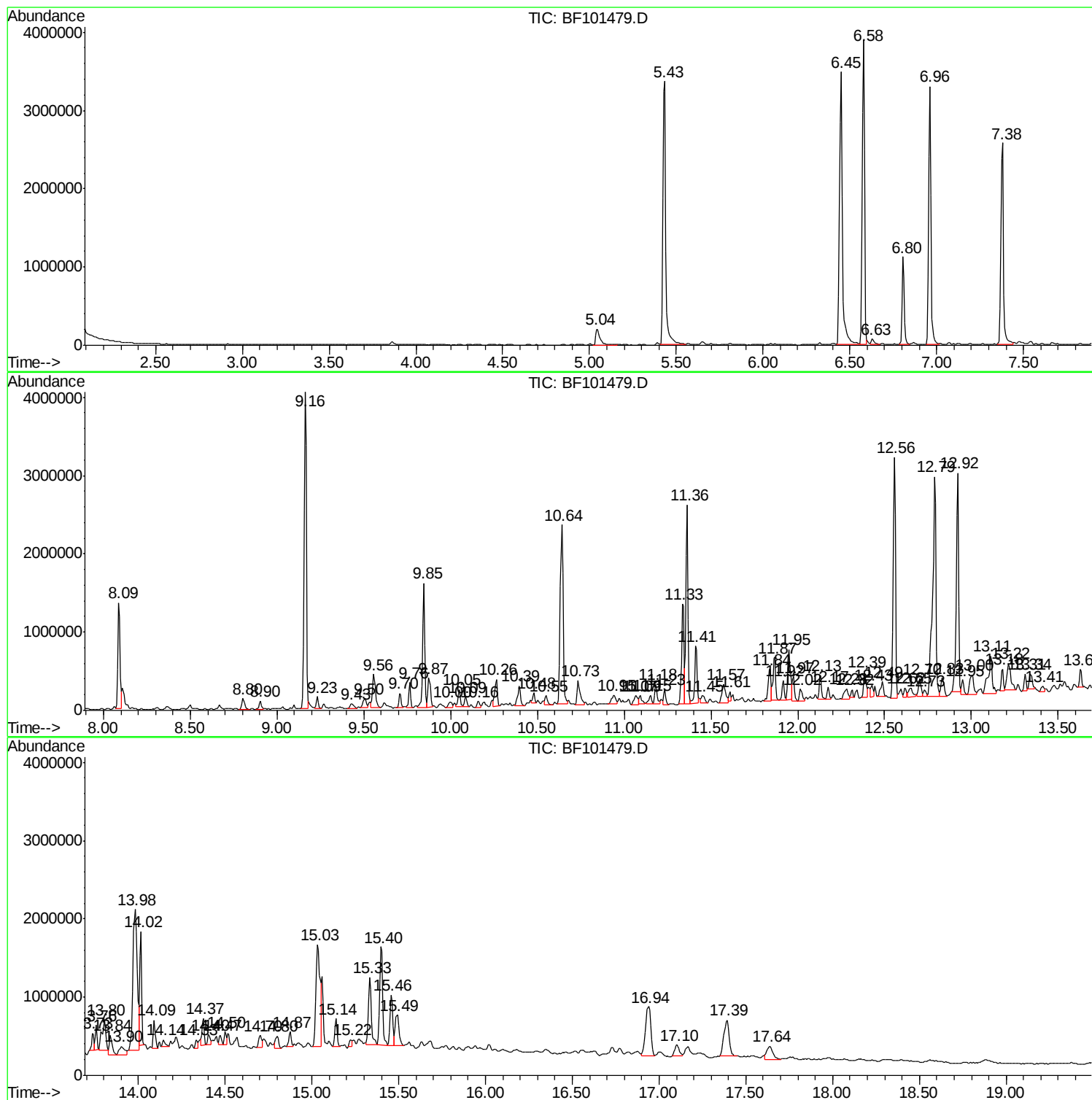
Sum of corrected areas: 71861457

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-5(0-2)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.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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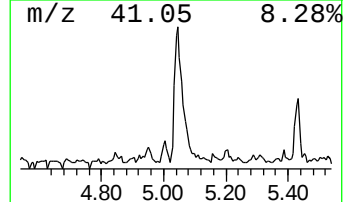
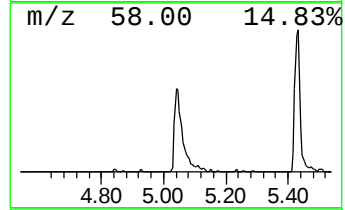
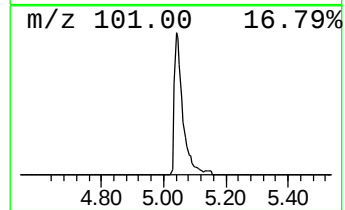
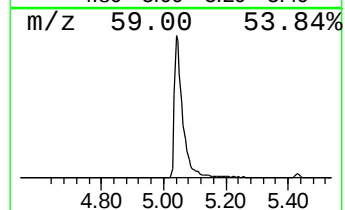
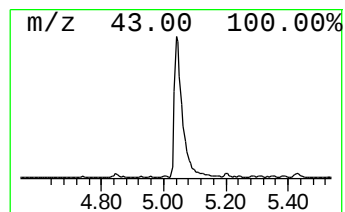
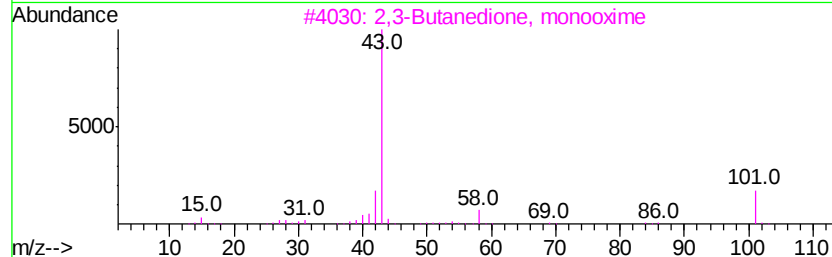
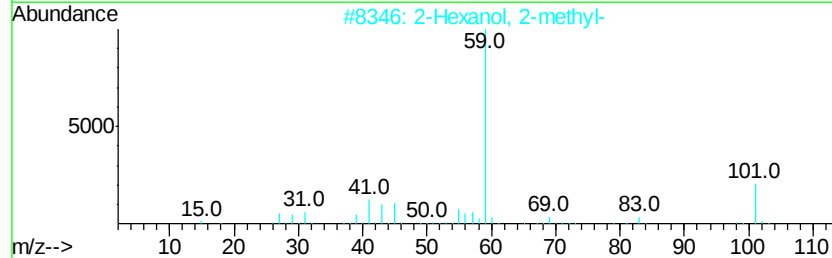
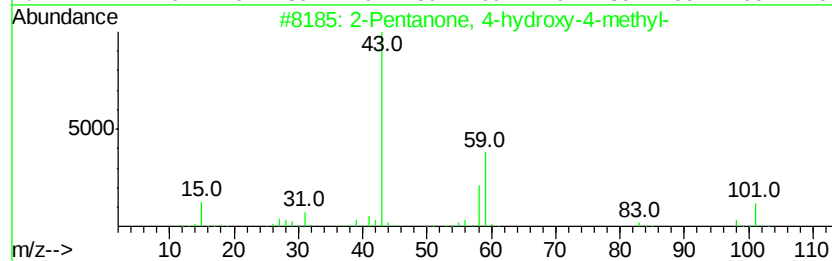
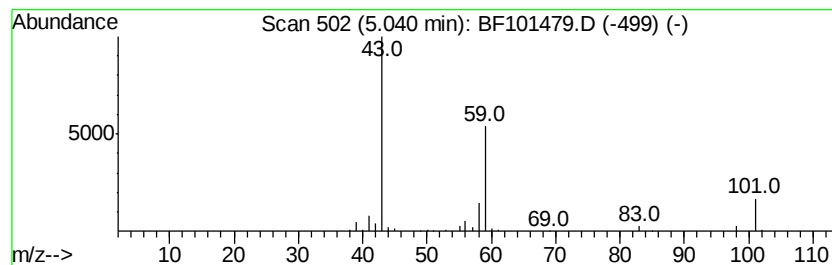
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	7.30 ng	368900	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9



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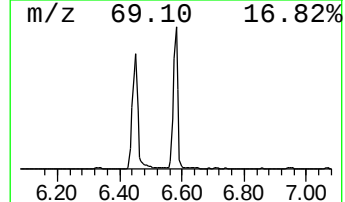
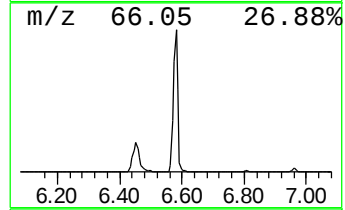
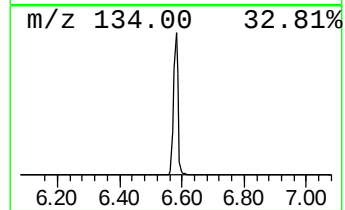
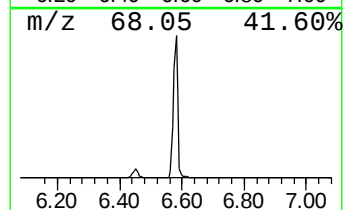
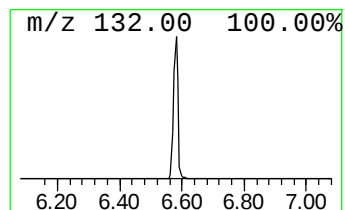
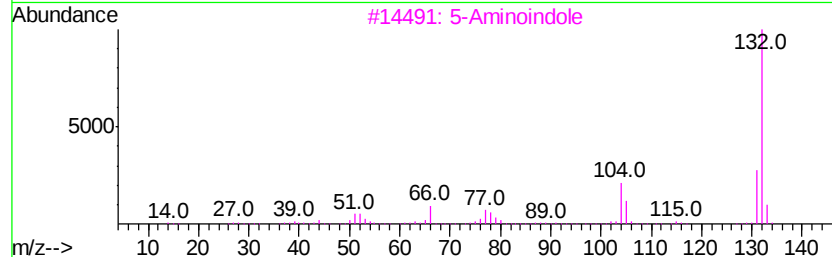
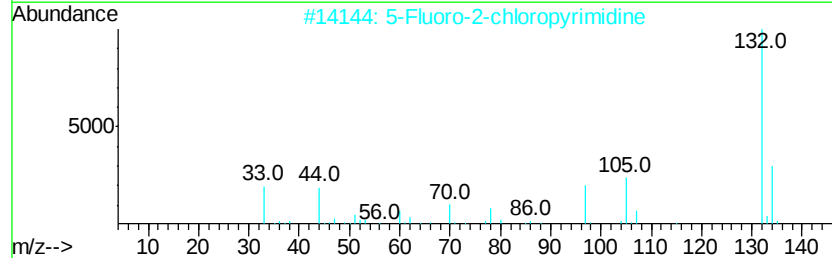
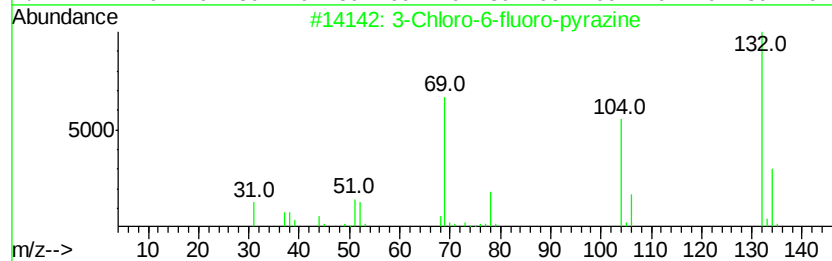
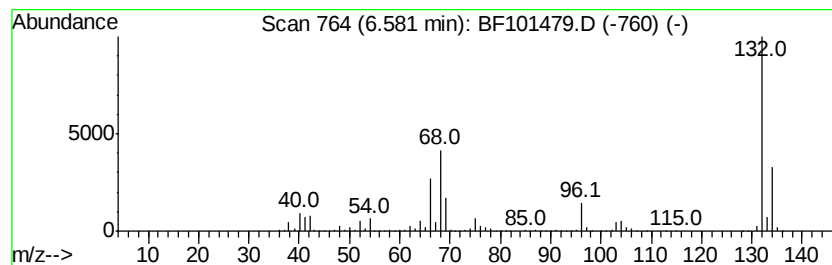
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	77.92 ng	3937550	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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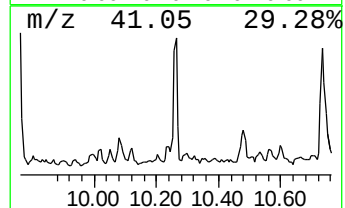
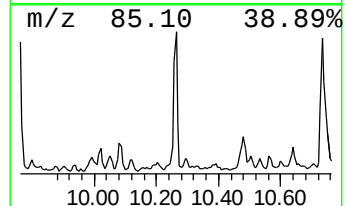
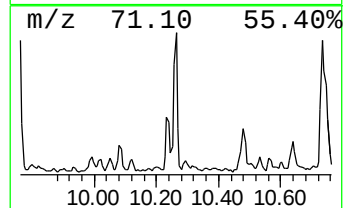
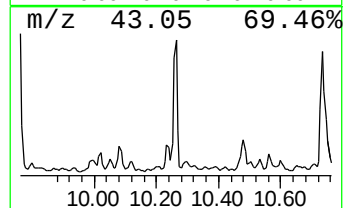
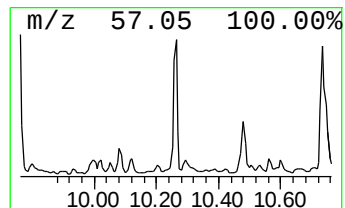
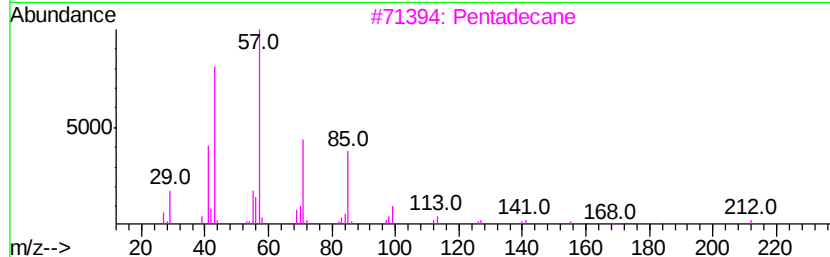
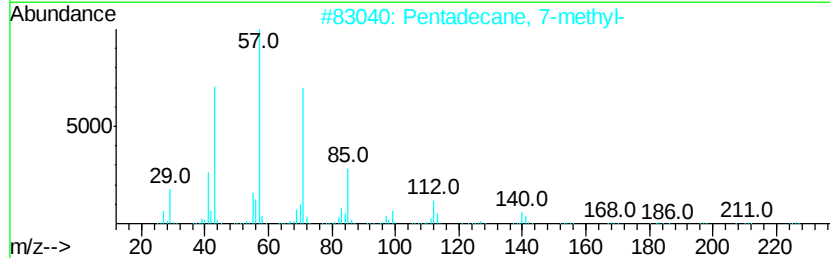
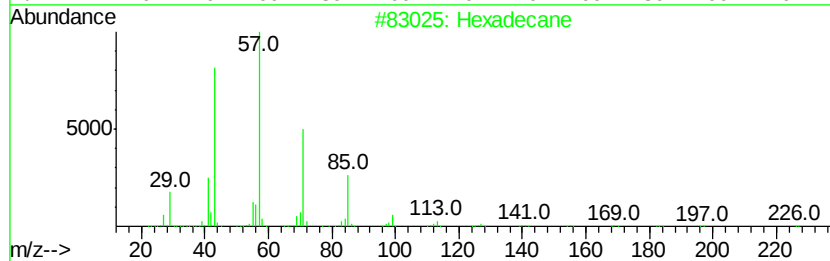
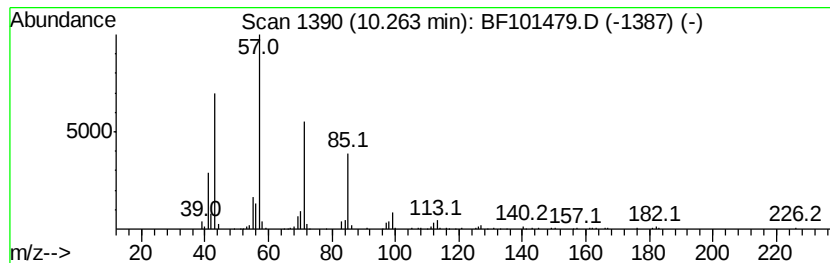
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.26	4.46 ng	320760	Acenaphthene-d10	9.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
3	Pentadecane	212	C15H32	000629-62-9	80
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72



Data Path : Z:\HPCHEM1\BNA F\Data\BF121817\
Data File : BF101479.D
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Operator : SJ/JU
Sample : I6877-01
Misc :
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ClientSampleId :
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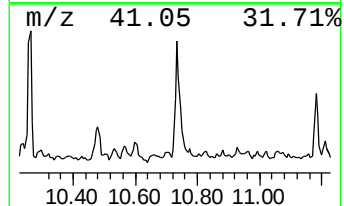
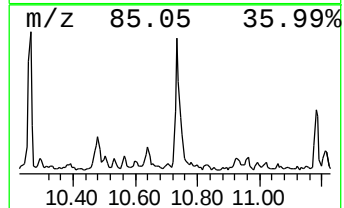
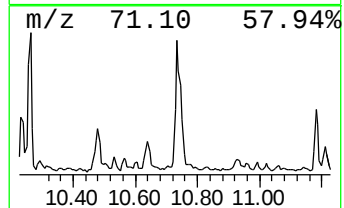
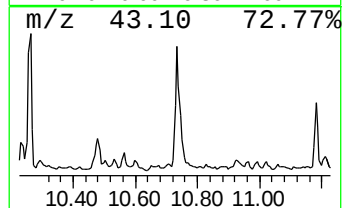
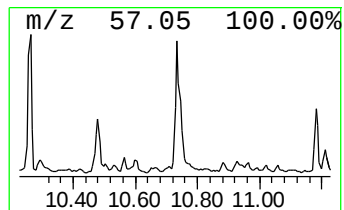
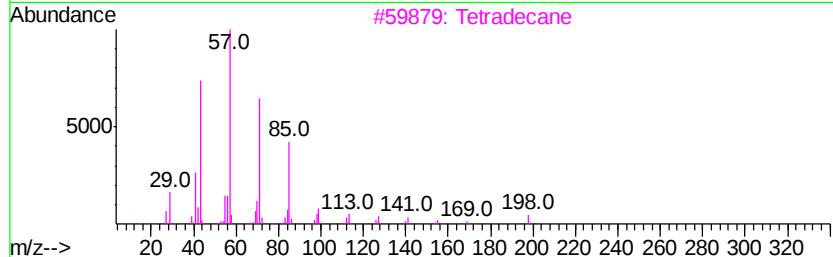
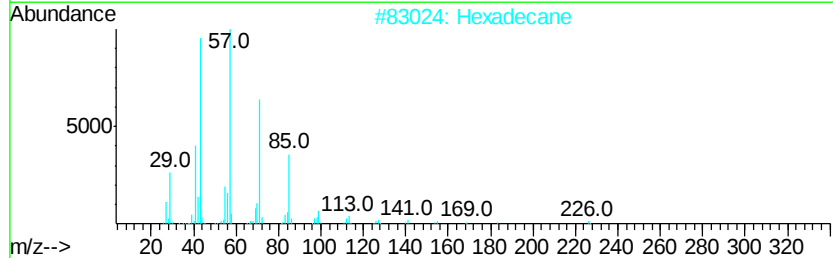
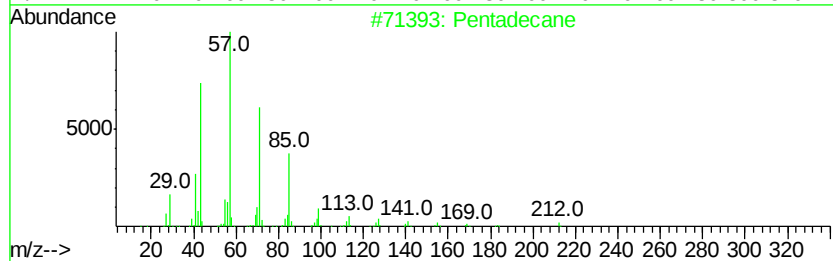
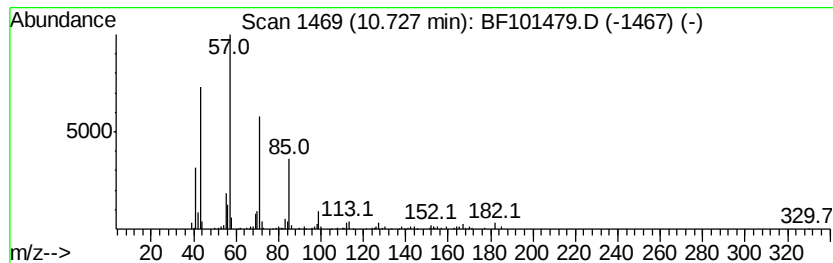
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	6.10 ng	383435	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	90
2	Hexadecane		226	C16H34	000544-76-3	90
3	Tetradecane		198	C14H30	000629-59-4	90
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86
5	Dodecane, 4-methyl-		184	C13H28	006117-97-1	81



Data Path : Z:\HPCHEM1\BNA F\Data\BF121817\
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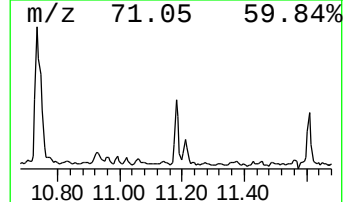
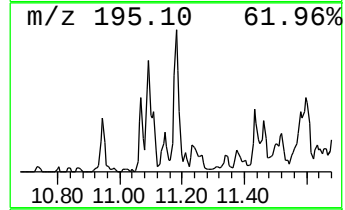
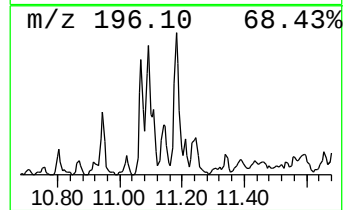
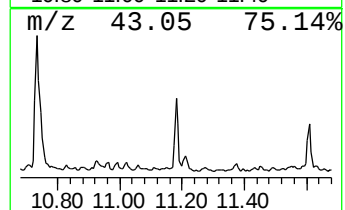
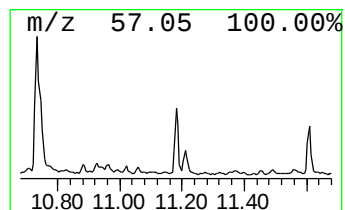
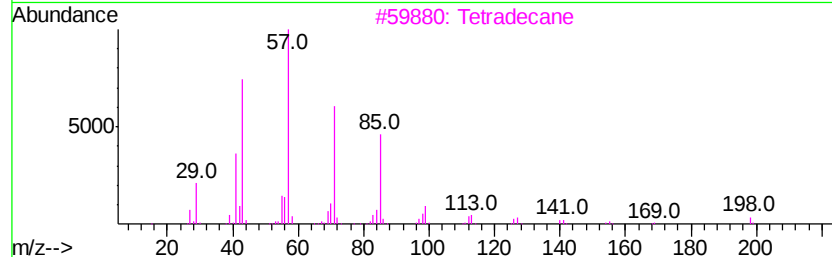
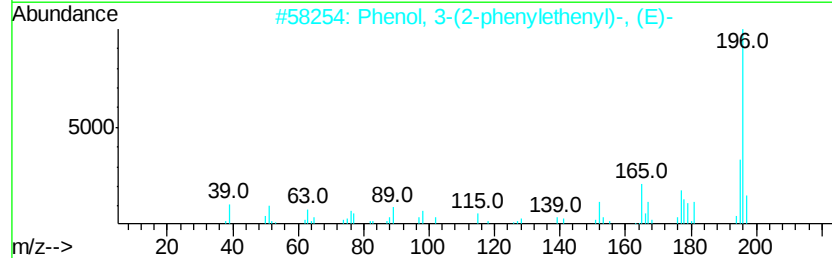
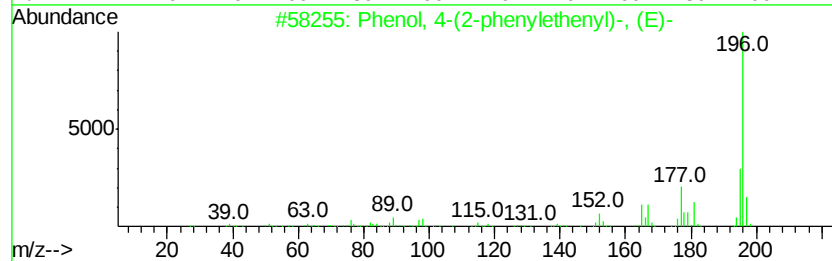
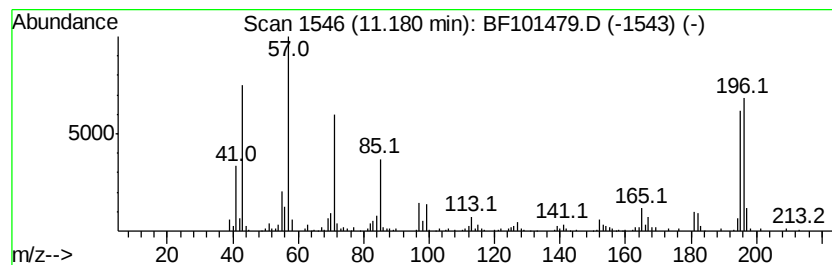
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown11.18 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	4.45 ng	279893	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	41
2		Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	38
3		Tetradecane	198	C14H30	000629-59-4	38
4		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	35
5		5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	30



Data Path : Z:\HPCHEM1\BNA F\Data\BF121817\
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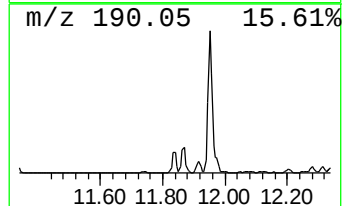
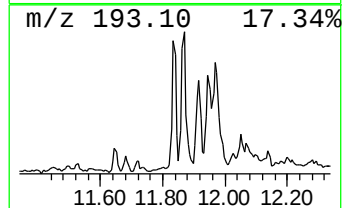
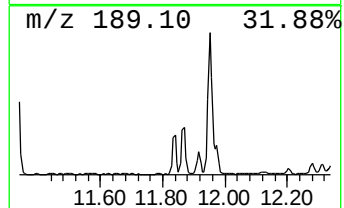
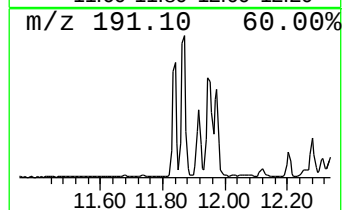
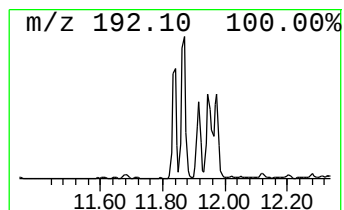
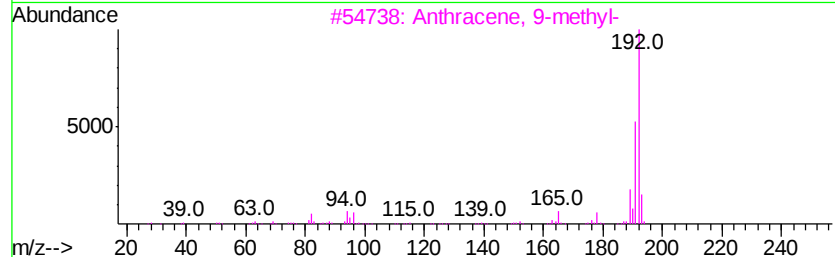
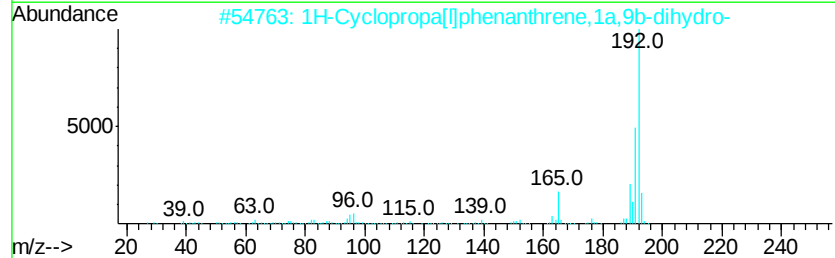
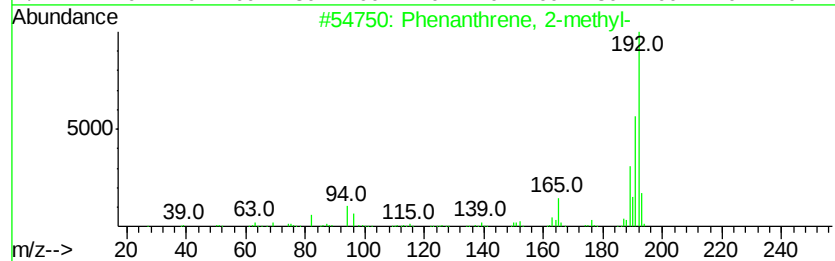
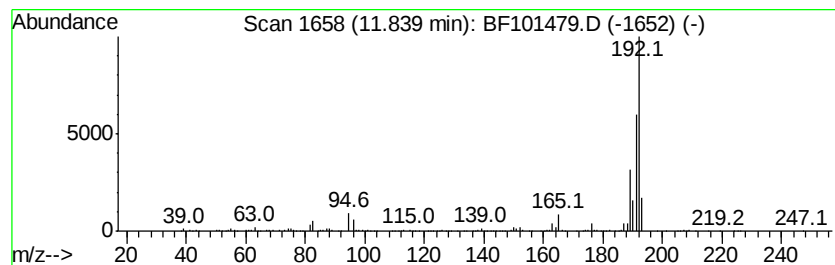
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.84	6.45 ng	405555	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87



Data Path : Z:\HPCHEM1\BNA F\Data\BF121817\
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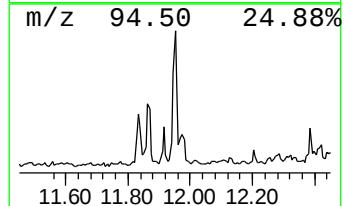
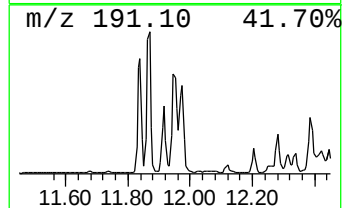
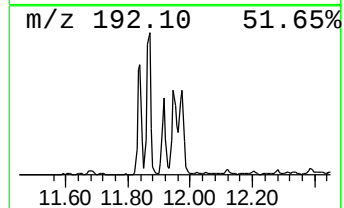
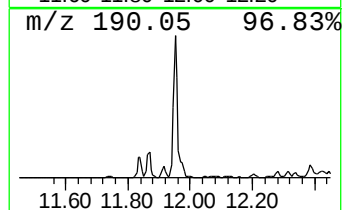
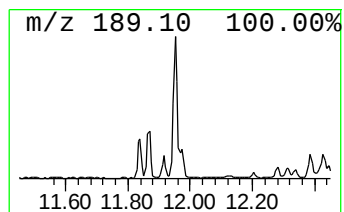
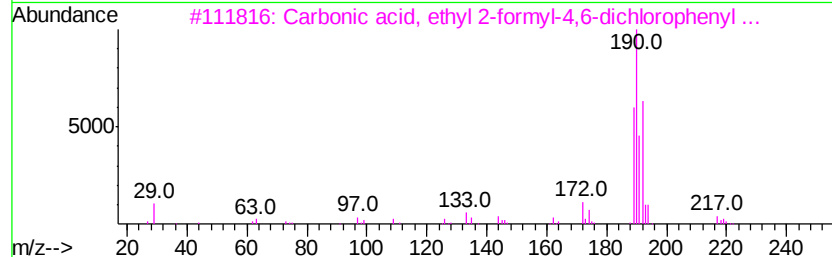
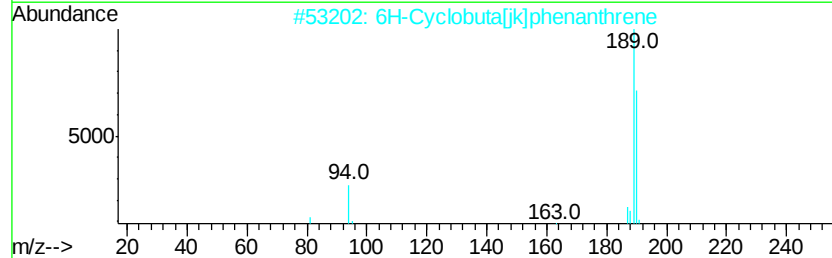
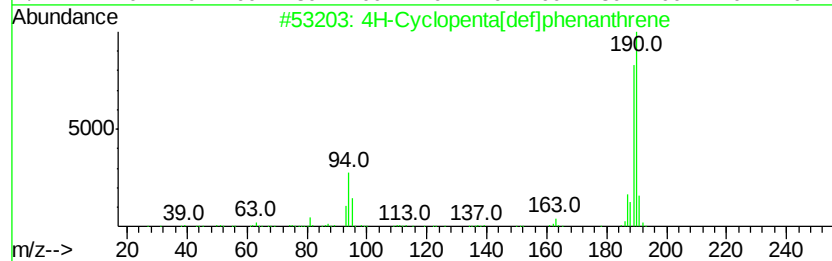
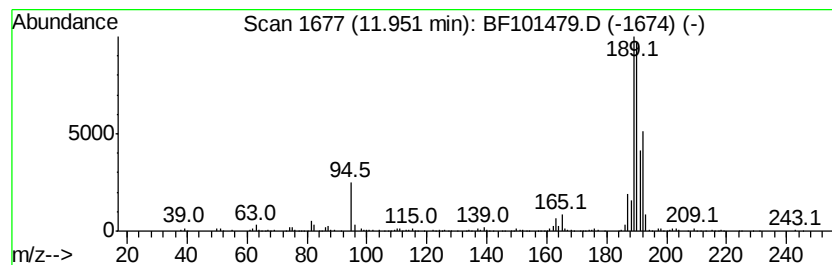
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.95	10.69 ng	672119	Phenanthrene-d10	11.33		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53
3		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4		Methyl diselenide	190	C2H6Se2	007101-31-7	45
5		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43



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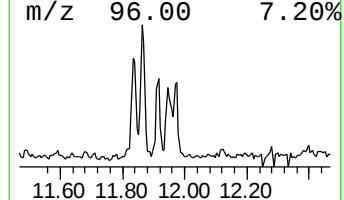
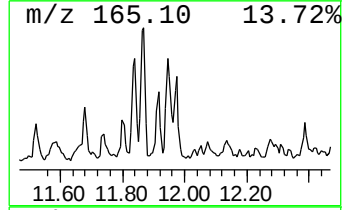
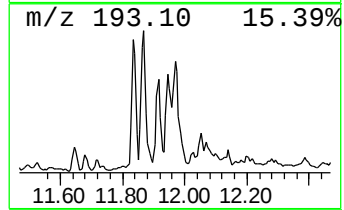
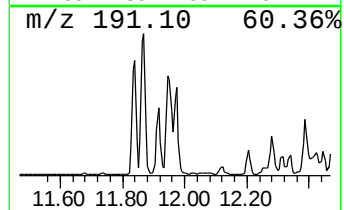
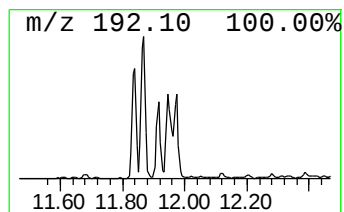
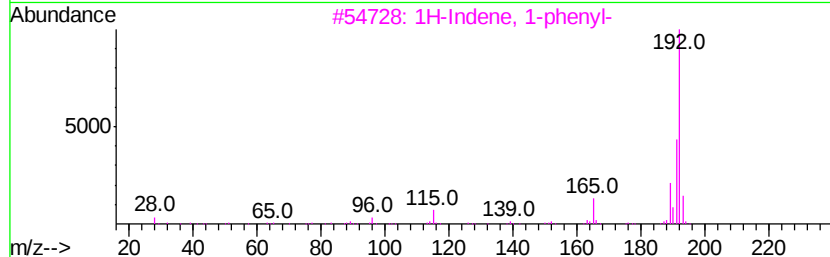
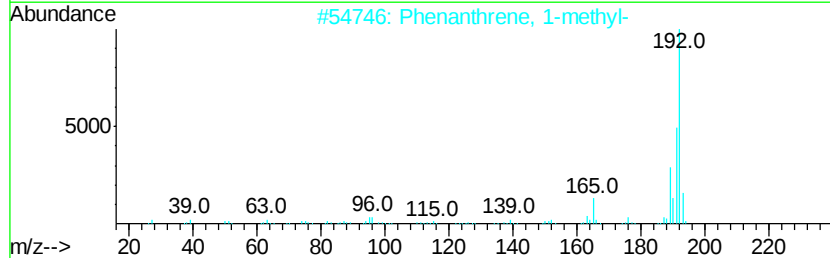
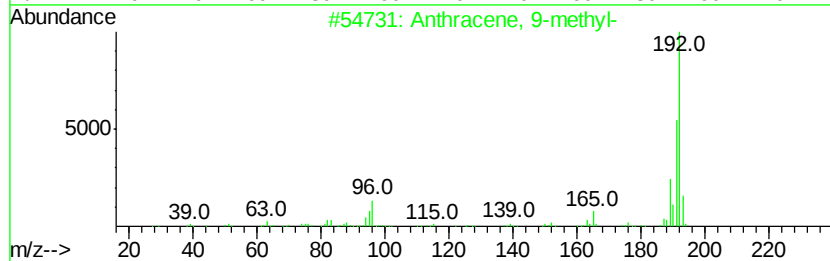
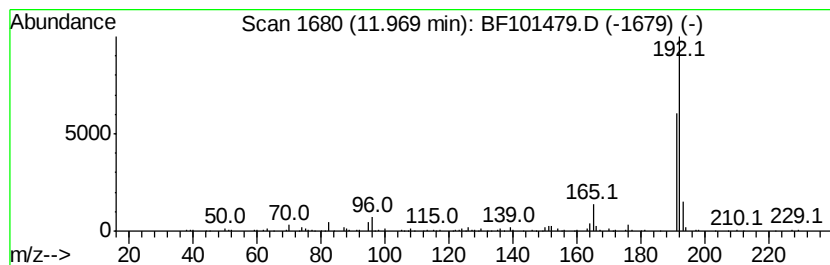
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Anthracene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	4.25 ng	267295	Phenanthrene-d10	11.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
3			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	80
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72



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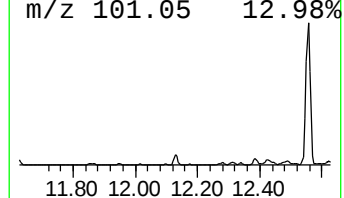
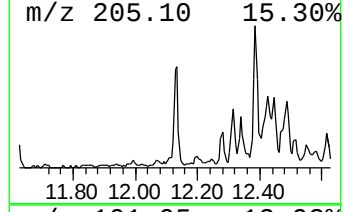
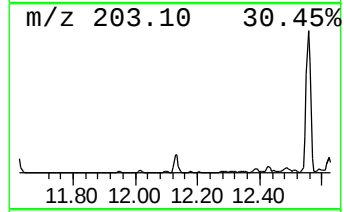
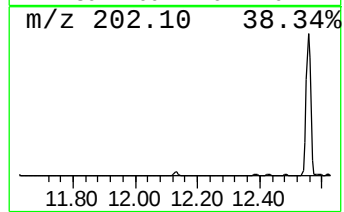
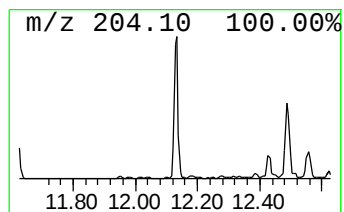
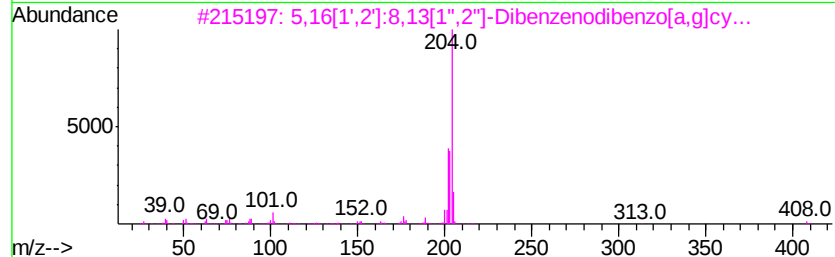
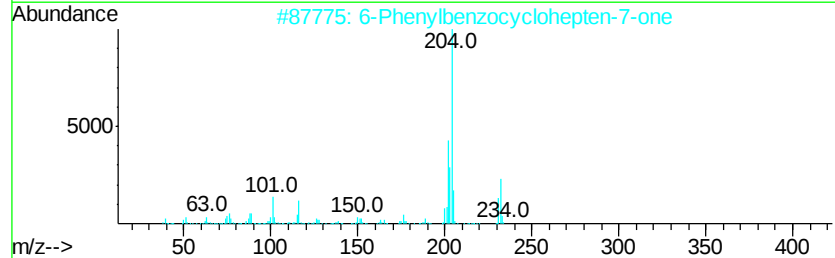
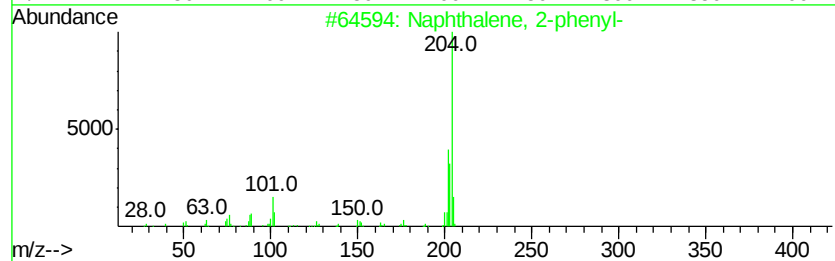
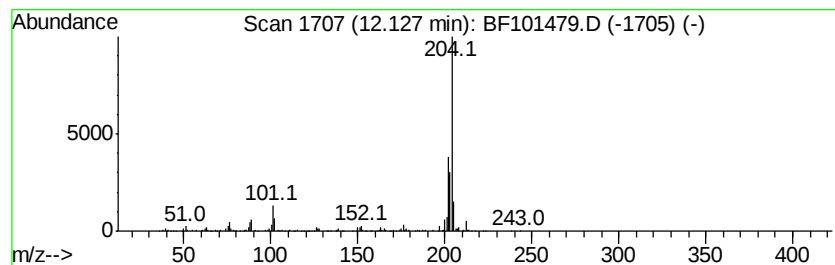
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	4.54 ng	285373	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	97
2		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
3		5,16[1',2']8,13[1',2']-Dibenz...	408	C32H24	005672-97-9	86
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49



Data Path : Z:\HPCHEM1\BNA F\Data\BF121817\
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ALS Vial : 8 Sample Multiplier: 1

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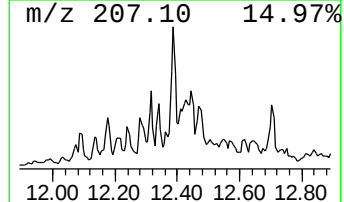
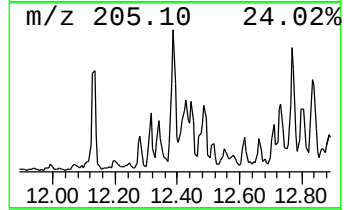
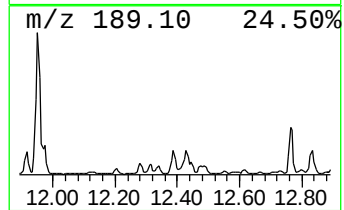
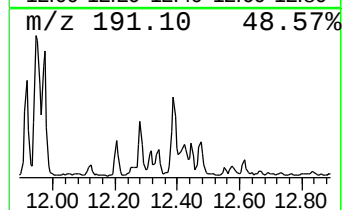
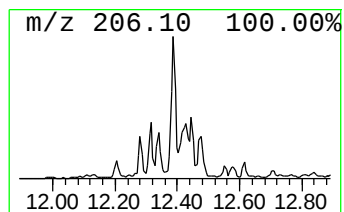
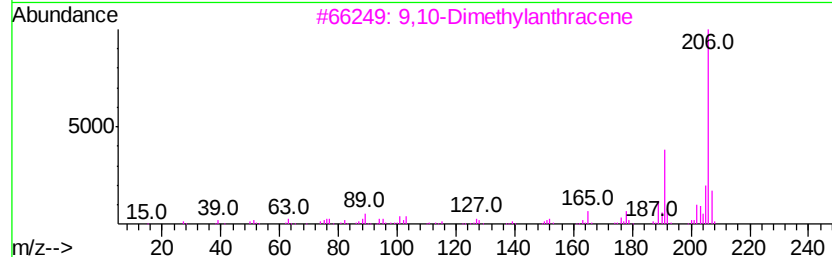
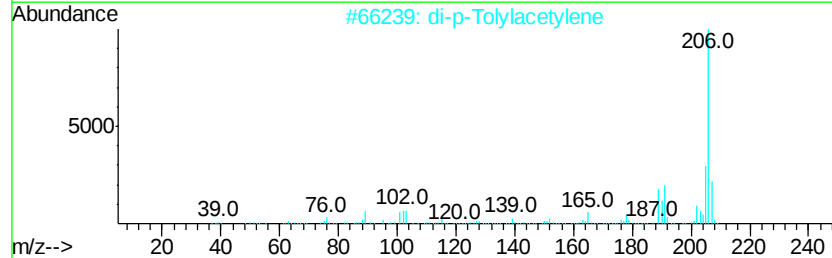
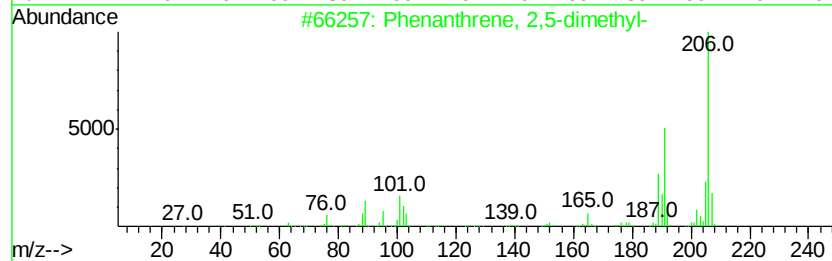
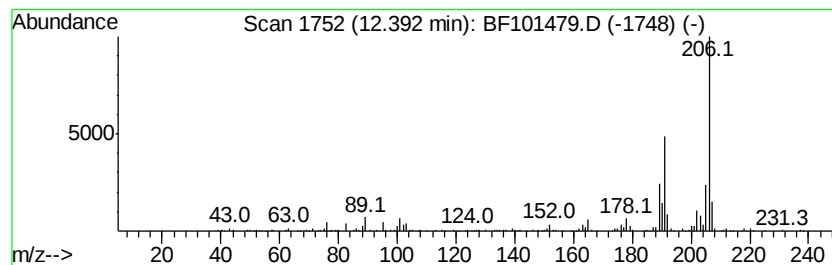
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	4.89 ng	307597	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93



Data Path : Z:\HPCHEM1\BNA F\Data\BF121817\
Data File : BF101479.D
Acq On : 18 Dec 2017 14:36
Operator : SJ/JU
Sample : I6877-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

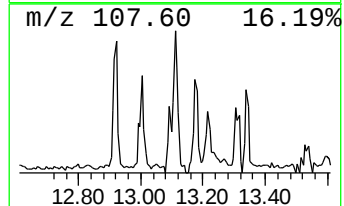
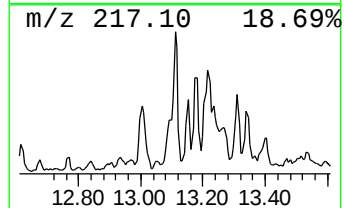
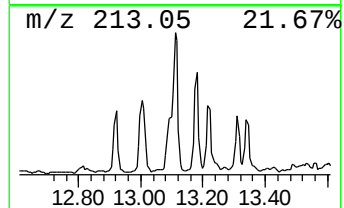
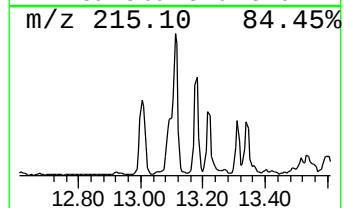
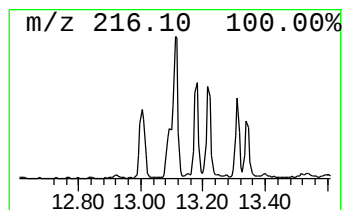
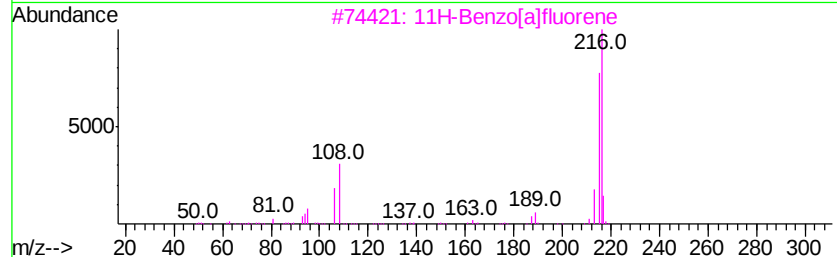
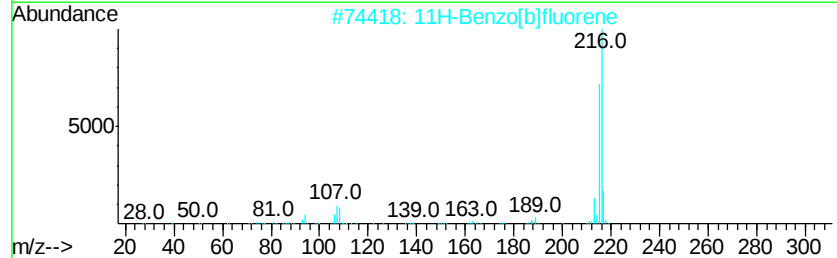
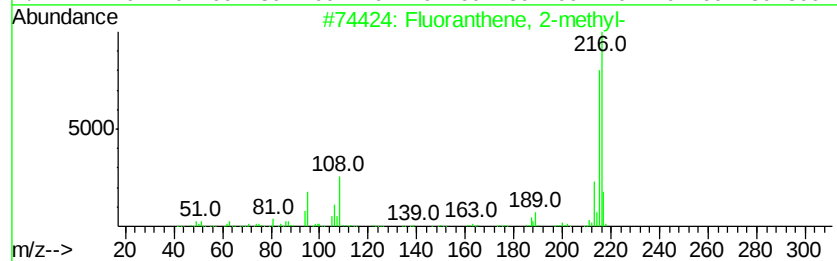
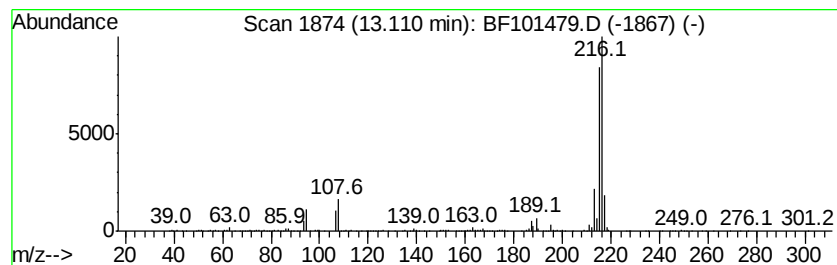
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.11	5.46 ng	793568	Chrysene-d12		13.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86



Data Path : Z:\HPCHEM1\BNA F\Data\BF121817\
Data File : BF101479.D
Acq On : 18 Dec 2017 14:36
Operator : SJ/JU
Sample : I6877-01
Misc :
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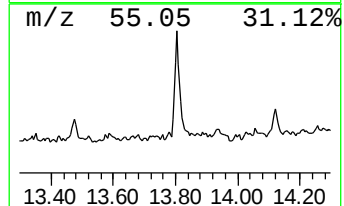
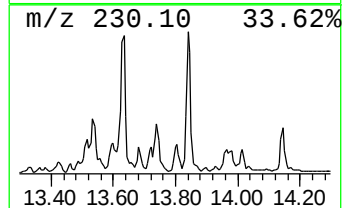
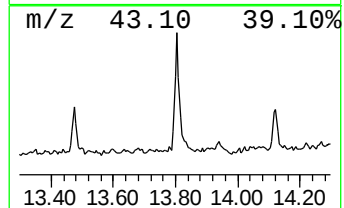
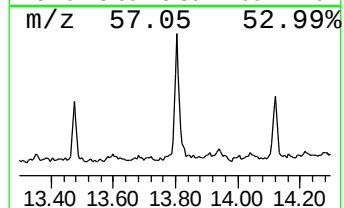
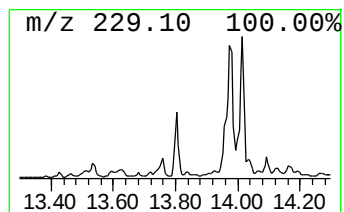
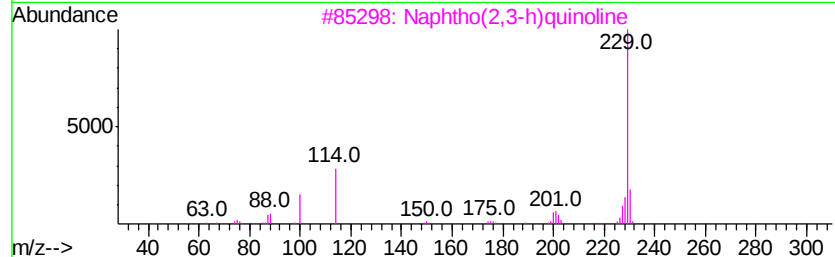
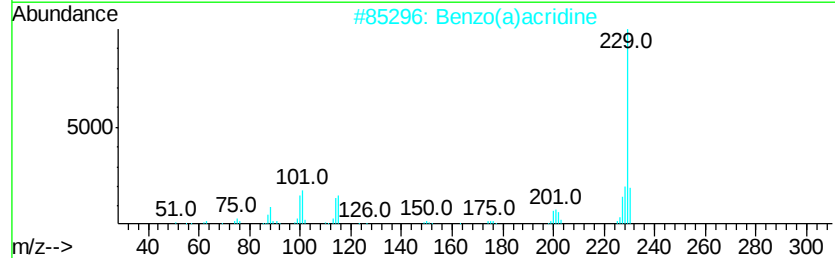
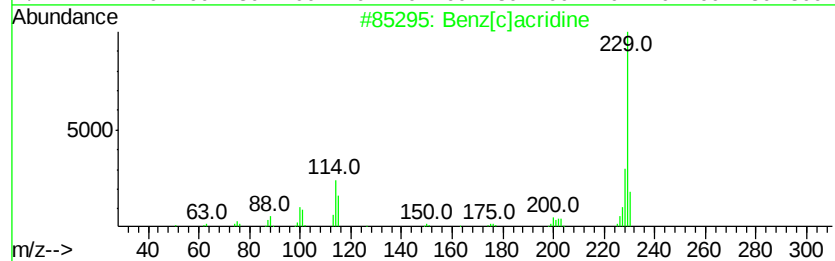
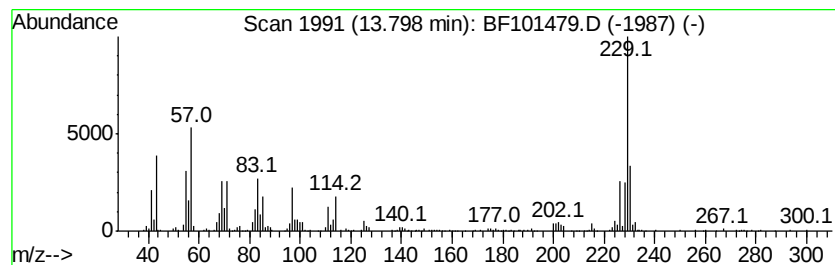
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benz[c]acridine Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.80	3.91 ng	568271	Chrysene-d12		13.99	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benz[c]acridine	229	C17H11N	000225-51-4	50
2		Benzo(a)acridine	229	C17H11N	000225-11-6	47
3		Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	43
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	30
5		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	25



Data Path : Z:\HPCHEM1\BNA F\Data\BF121817\
Data File : BF101479.D
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Operator : SJ/JU
Sample : I6877-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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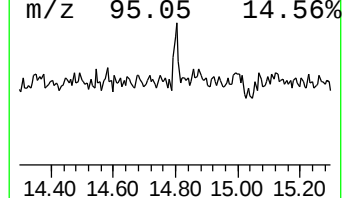
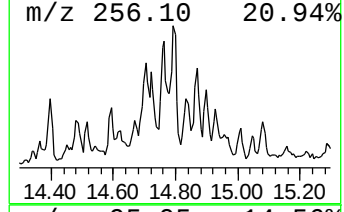
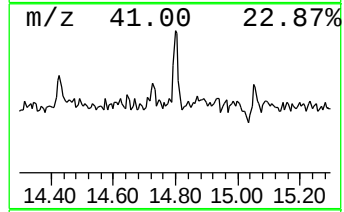
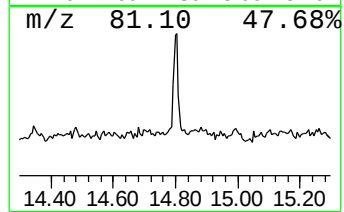
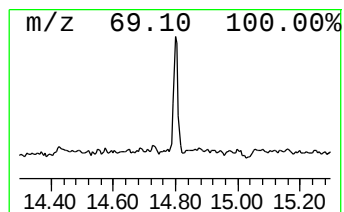
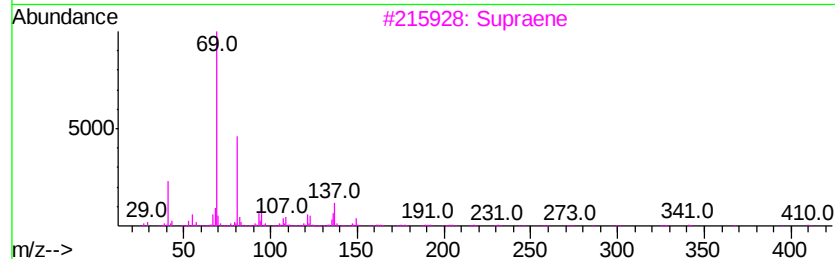
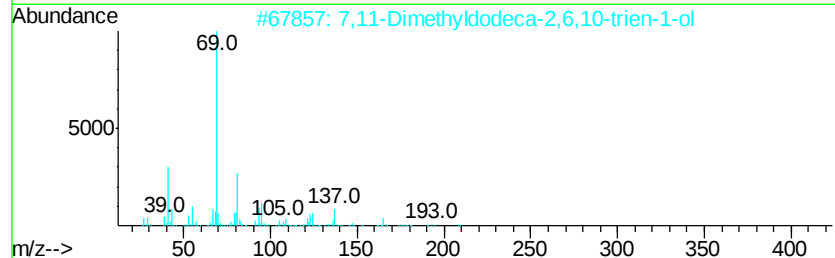
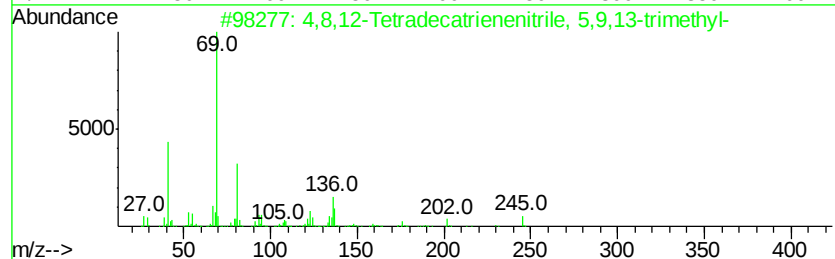
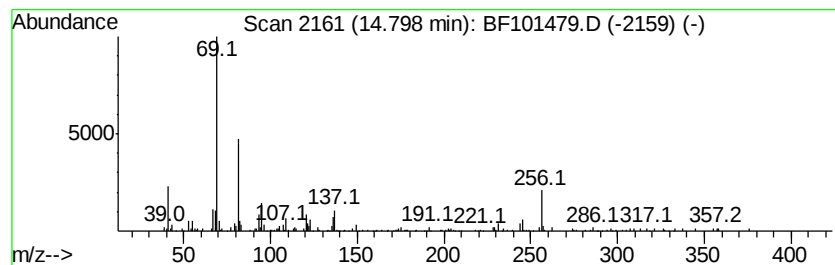
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4,8,12-Tetradecatrienitri... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	4.15 ng	159640	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,8,12-Tetradecatrienitrile, 5...	245	C17H27N	005981-31-7	58
2		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	53
3		Supraene	410	C30H50	007683-64-9	52
4		2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	50
5		2-Propenoic acid, 2-methyl-, 2-p...	124	C7H8O2	013861-22-8	50



Data Path : Z:\HPCHEM1\BNA F\Data\BF121817\
Data File : BF101479.D
Acq On : 18 Dec 2017 14:36
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Misc :
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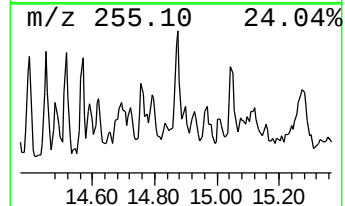
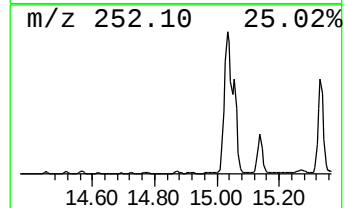
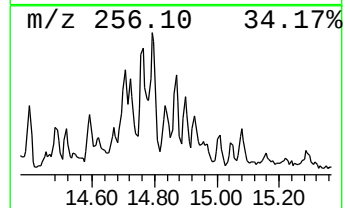
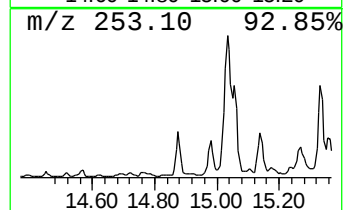
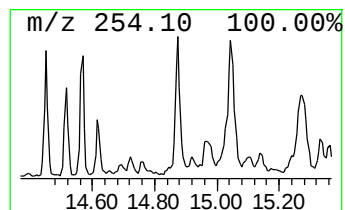
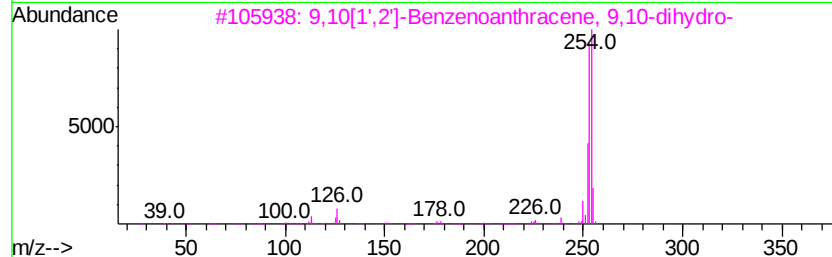
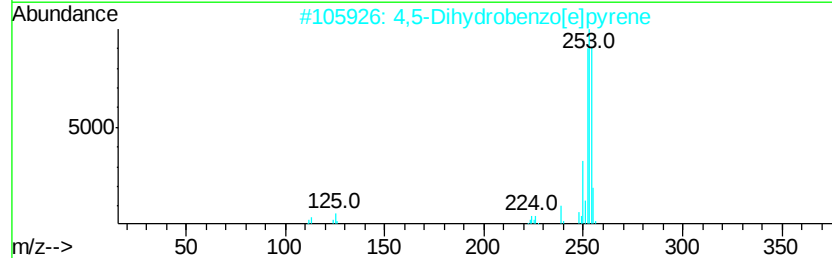
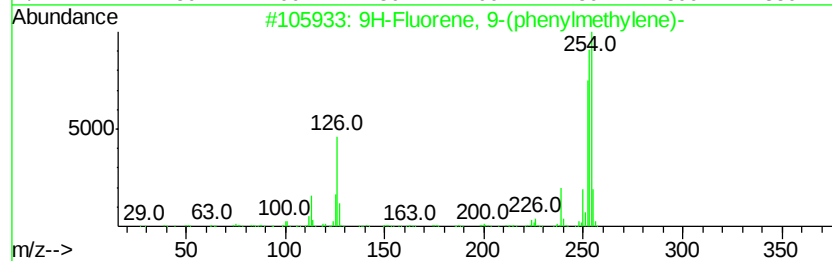
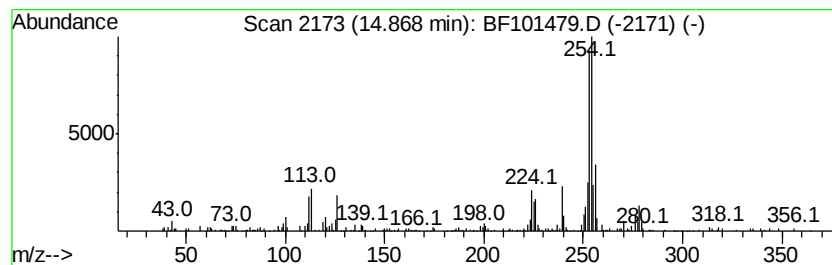
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9H-Fluorene, 9-(phenylmethy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	4.59 ng	176612	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9-(phenylmethylen)-	254	C20H14	001836-87-9	76
2		4,5-Dihydrobenzo[el]pyrene	254	C20H14	095676-42-9	74
3		9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	68
4		1H-Indene, 1,1'-(1,2-ethanedivli...	254	C20H14	072088-04-1	64
5		1,2'-Binaphthalene	254	C20H14	004325-74-0	64



Data Path : Z:\HPCHEM1\BNA F\Data\BF121817\
Data File : BF101479.D
Acq On : 18 Dec 2017 14:36
Operator : SJ/JU
Sample : I6877-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-5(0-2)

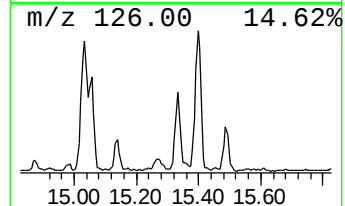
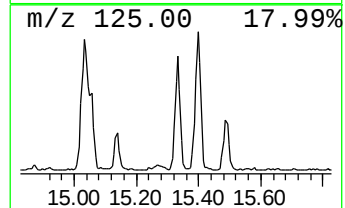
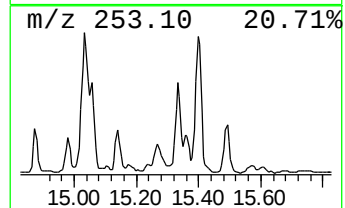
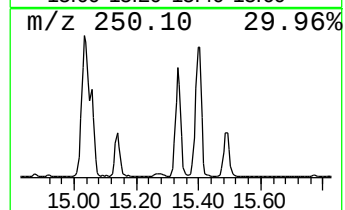
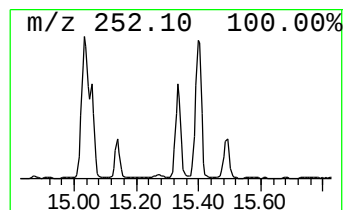
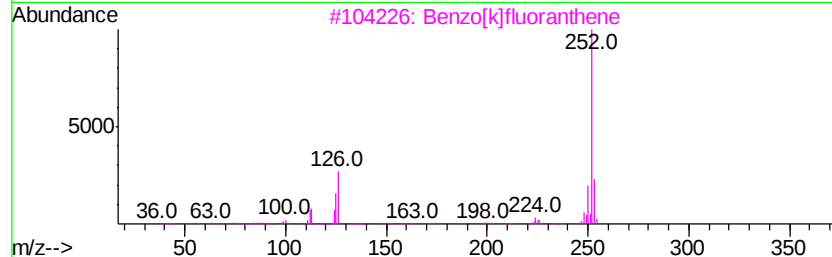
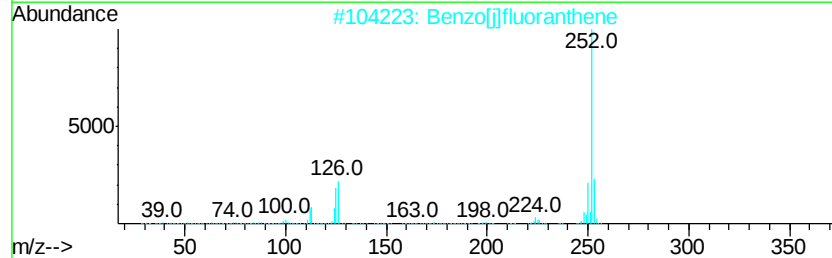
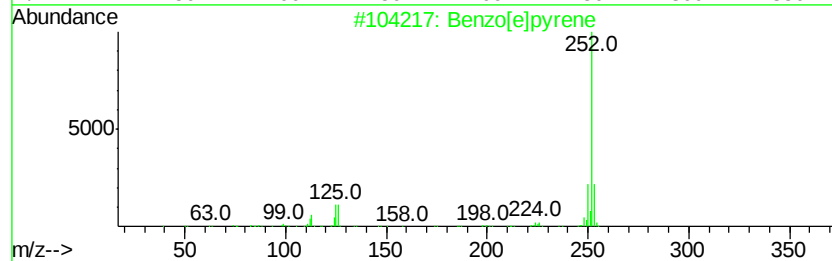
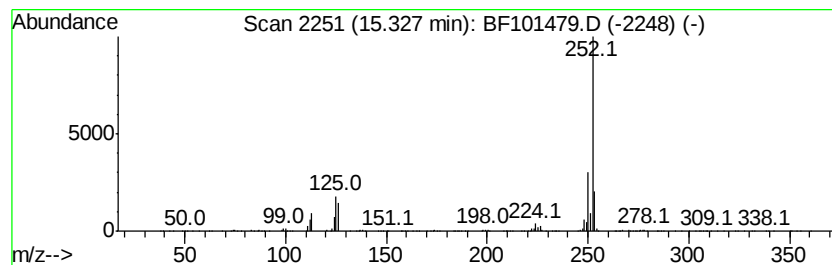
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	28.26 ng	1087240	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[i]fluoranthene	252	C20H12	000205-82-3	95
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\HPCHEM1\BNA_F\Data\BF121817\
Data File : BF101479.D
Acq On : 18 Dec 2017 14:36
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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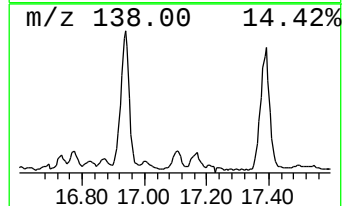
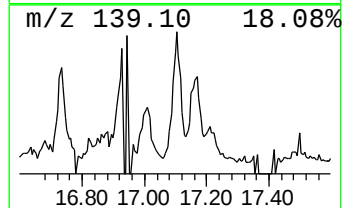
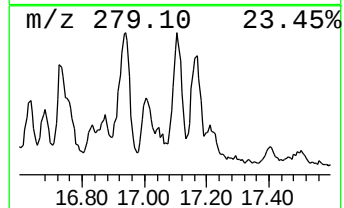
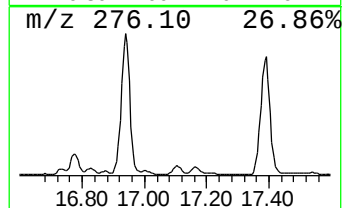
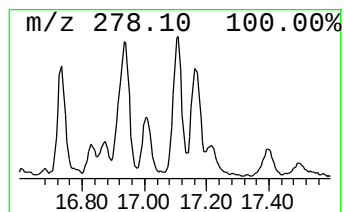
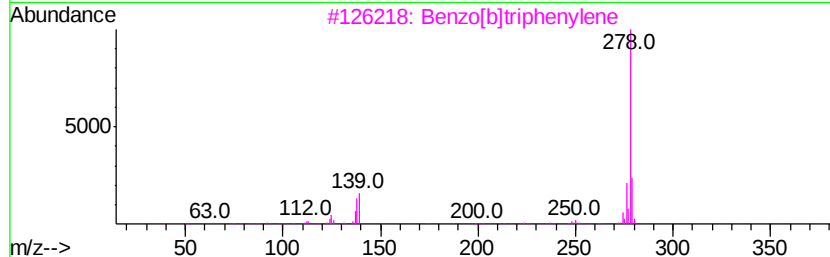
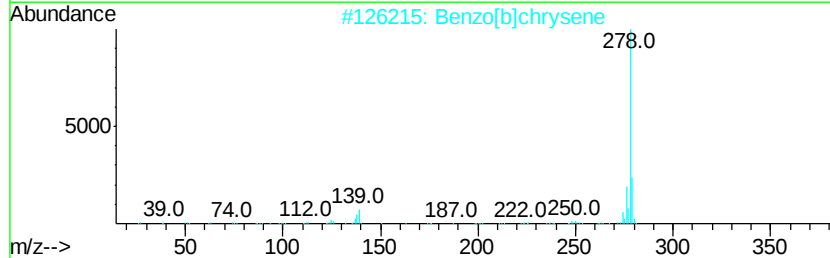
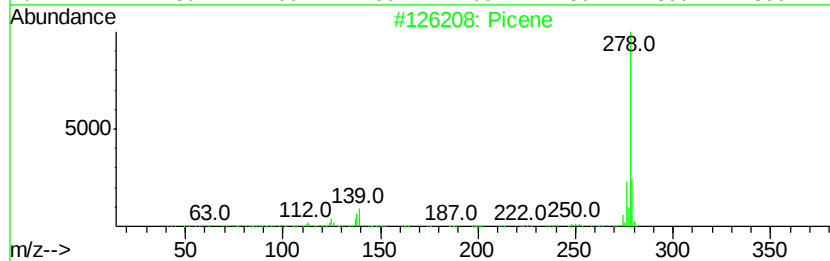
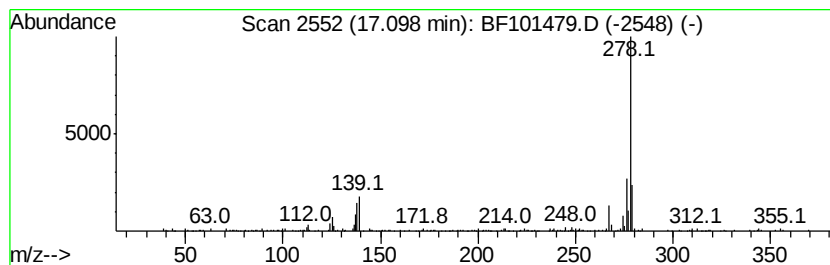
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Picene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	6.48 ng	249233	Perylene-d12	15.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Picene	278	C22H14	000213-46-7	95
2			Benzo[b]chrysene	278	C22H14	000214-17-5	94
3			Benzo[b]triphenylene	278	C22H14	000215-58-7	94
4			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	90
5			Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	89



Data Path : Z:\HPCHEM1\BNA_F\Data\BF121817\
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 Operator : SJ/JU
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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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...	5.04	7.3	ng	368900	1	6.80	1010650	20.0
unknown6.58	6.58	77.9	ng	3937550	1	6.80	1010650	20.0
Hexadecane	10.26	4.5	ng	320760	3	9.85	1437230	20.0
Pentadecane	10.73	6.1	ng	383435	4	11.33	1257690	20.0
unknown11.18	11.18	4.5	ng	279893	4	11.33	1257690	20.0
Phenanthrene, 2-m...	11.84	6.5	ng	405555	4	11.33	1257690	20.0
4H-Cyclopenta[def...	11.95	10.7	ng	672119	4	11.33	1257690	20.0
Anthracene, 9-met...	11.97	4.3	ng	267295	4	11.33	1257690	20.0
Naphthalene, 2-ph...	12.13	4.5	ng	285373	4	11.33	1257690	20.0
Phenanthrene, 2,5...	12.39	4.9	ng	307597	4	11.33	1257690	20.0
Fluoranthene, 2-m...	13.11	5.5	ng	793568	5	13.99	2906590	20.0
Benz[c]acridine	13.80	3.9	ng	568271	5	13.99	2906590	20.0
4,8,12-Tetradecat...	14.80	4.2	ng	159640	6	15.46	769527	20.0
9H-Fluorene, 9-(p...	14.87	4.6	ng	176612	6	15.46	769527	20.0
Benzo[e]pyrene	15.33	28.3	ng	1087240	6	15.46	769527	20.0
Picene	17.10	6.5	ng	249233	6	15.46	769527	20.0