

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF101217\
 Data File : BF099420.D
 Acq On : 13 Oct 2017 3:01
 Operator : SJ/JU
 Sample : I5763-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 220-2(2TRH)-COMP

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-BF092317.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	38	rVB5	90248	339216	16.56%	1.005%
2	5.075	502	508	522	rBV	304475	387776	18.93%	1.149%
3	5.475	572	576	590	rVB	1894096	1977594	96.51%	5.858%
4	6.492	744	749	762	rVB	1810182	2036555	99.39%	6.033%
5	6.628	767	772	775	rBV	2189400	2049005	100.00%	6.069%
6	6.681	778	781	784	rBV	37365	34053	1.66%	0.101%
7	6.851	807	810	814	rBV	760577	656068	32.02%	1.943%
8	6.928	820	823	826	rVB	61611	53990	2.63%	0.160%
9	7.010	832	837	840	rBV	1907840	1612583	78.70%	4.777%
10	7.416	902	906	909	rBV	1287691	1233356	60.19%	3.653%
11	7.875	982	984	989	rVB	38522	38450	1.88%	0.114%
12	8.034	1008	1011	1015	rBV	58384	50814	2.48%	0.151%
13	8.134	1025	1028	1030	rVV	952408	816145	39.83%	2.418%
14	8.157	1030	1032	1035	rVV	279317	222537	10.86%	0.659%
15	8.845	1146	1149	1152	rBV	123244	97869	4.78%	0.290%
16	8.945	1163	1166	1169	rVB	82869	63260	3.09%	0.187%
17	9.210	1206	1211	1214	rBV	1928552	1769113	86.34%	5.240%
18	9.281	1220	1223	1226	rBV	50808	42730	2.09%	0.127%
19	9.469	1252	1255	1260	rVB	32044	40133	1.96%	0.119%
20	9.545	1265	1268	1271	rBV	66205	71057	3.47%	0.210%
21	9.598	1274	1277	1284	rVB	381961	362165	17.68%	1.073%
22	9.663	1284	1288	1290	rBV	36191	32806	1.60%	0.097%
23	9.751	1300	1303	1307	rBV	86809	73817	3.60%	0.219%
24	9.810	1307	1313	1317	rVV	62019	61905	3.02%	0.183%
25	9.886	1323	1326	1329	rBV	779697	699254	34.13%	2.071%
26	9.922	1329	1332	1335	rVB	147700	123342	6.02%	0.365%
27	10.092	1358	1361	1364	rVV2	93335	83444	4.07%	0.247%
28	10.128	1364	1367	1371	rVB2	46744	39631	1.93%	0.117%
29	10.204	1376	1380	1382	rBV	34065	36910	1.80%	0.109%
30	10.310	1390	1398	1400	rBV2	85614	109738	5.36%	0.325%
31	10.433	1416	1419	1424	rBV2	109065	110668	5.40%	0.328%
32	10.592	1441	1446	1453	rVB2	42185	55031	2.69%	0.163%
33	10.680	1457	1461	1467	rBV	1009408	907441	44.29%	2.688%
34	10.780	1475	1478	1487	rVB3	94380	154723	7.55%	0.458%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.986	1506	1513	1515	rBV4	38953	62548	3.05%	0.185%
36	11.110	1529	1534	1536	rBV4	38742	56754	2.77%	0.168%
37	11.133	1536	1538	1544	rVV2	39530	52316	2.55%	0.155%
38	11.186	1544	1547	1549	rVV	68383	67791	3.31%	0.201%
39	11.227	1551	1554	1557	rVV3	94516	98346	4.80%	0.291%
40	11.275	1560	1562	1566	rVB	61500	54385	2.65%	0.161%
41	11.374	1576	1579	1581	rBV	700290	665787	32.49%	1.972%
42	11.404	1581	1584	1587	rVV	1031239	941254	45.94%	2.788%
43	11.451	1589	1592	1595	rVV	341480	267348	13.05%	0.792%
44	11.486	1595	1598	1604	rVV3	37512	55408	2.70%	0.164%
45	11.610	1613	1619	1624	rBV2	119059	161571	7.89%	0.479%
46	11.651	1624	1626	1631	rVV2	45830	63066	3.08%	0.187%
47	11.710	1633	1636	1640	rVB3	41355	46903	2.29%	0.139%
48	11.874	1659	1664	1666	rBV	157177	158437	7.73%	0.469%
49	11.904	1666	1669	1672	rVV	250748	240664	11.75%	0.713%
50	11.951	1674	1677	1680	rVV	91064	85747	4.18%	0.254%
51	11.992	1680	1684	1686	rVV2	256356	296646	14.48%	0.879%
52	12.010	1686	1687	1691	rVB	122979	89757	4.38%	0.266%
53	12.057	1692	1695	1698	rBV2	58644	62155	3.03%	0.184%
54	12.169	1711	1714	1717	rVV	118238	113146	5.52%	0.335%
55	12.204	1717	1720	1725	rVB	97513	98080	4.79%	0.291%
56	12.322	1737	1740	1742	rVB2	44933	37173	1.81%	0.110%
57	12.374	1747	1749	1752	rVB	47393	35922	1.75%	0.106%
58	12.427	1754	1758	1760	rBV	120377	123942	6.05%	0.367%
59	12.463	1760	1764	1766	rVV4	77372	126127	6.16%	0.374%
60	12.516	1770	1773	1777	rBV2	103409	119066	5.81%	0.353%
61	12.592	1782	1786	1790	rBV	1684081	1623943	79.26%	4.810%
62	12.633	1790	1793	1795	rVB2	40625	32896	1.61%	0.097%
63	12.657	1795	1797	1799	rVB	47917	37113	1.81%	0.110%
64	12.686	1799	1802	1804	rBV	45501	39217	1.91%	0.116%
65	12.745	1805	1812	1814	rBV3	71516	112625	5.50%	0.334%
66	12.769	1814	1816	1819	rVB3	47609	41914	2.05%	0.124%
67	12.821	1819	1825	1831	rBV	1491326	1816588	88.66%	5.381%
68	12.869	1831	1833	1838	rVB2	101108	105209	5.13%	0.312%
69	12.957	1842	1848	1851	rBV	1518249	1454817	71.00%	4.309%
70	12.980	1851	1852	1855	rVB	114618	80067	3.91%	0.237%
71	13.033	1857	1861	1866	rBV3	108715	197603	9.64%	0.585%

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Integrator: RTE

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72	13.127	1873	1877	1878	rBV3	109467	145313	7.09%	0.430%
73	13.145	1878	1880	1883	rVB2	204311	201102	9.81%	0.596%
74	13.174	1883	1885	1889	rBV4	46414	46759	2.28%	0.139%
75	13.216	1889	1892	1894	rBV	124902	111374	5.44%	0.330%
76	13.251	1894	1898	1901	rBV2	170747	199475	9.74%	0.591%
77	13.345	1911	1914	1917	rVB	85188	68705	3.35%	0.204%
78	13.374	1917	1919	1922	rBV2	85788	86350	4.21%	0.256%
79	13.568	1950	1952	1955	rVB	52273	45491	2.22%	0.135%
80	13.657	1965	1967	1971	rVB	168576	147518	7.20%	0.437%
81	13.768	1983	1986	1988	rBV	143604	132610	6.47%	0.393%
82	13.792	1988	1990	1993	rVV	136167	125239	6.11%	0.371%
83	13.821	1993	1995	1996	rVV	116329	103150	5.03%	0.306%
84	13.839	1996	1998	2001	rVV3	223380	239741	11.70%	0.710%
85	13.868	2001	2003	2006	rVB	159850	135168	6.60%	0.400%
86	13.986	2020	2023	2024	rBV2	98800	109440	5.34%	0.324%
87	14.015	2024	2028	2031	rVV2	1022863	1530793	74.71%	4.534%
88	14.045	2031	2033	2040	rVB	733073	706767	34.49%	2.094%
89	14.127	2044	2047	2049	rVB	121530	94002	4.59%	0.278%
90	14.404	2092	2094	2097	rVB	154467	115807	5.65%	0.343%
91	14.439	2098	2100	2102	rVB	71164	42351	2.07%	0.125%
92	14.533	2113	2116	2117	rBV	64621	60714	2.96%	0.180%
93	15.062	2202	2206	2209	rBV	508666	761461	37.16%	2.256%
94	15.174	2222	2225	2229	rBV	101393	110174	5.38%	0.326%
95	15.368	2254	2258	2264	rVB	310986	415398	20.27%	1.230%
96	15.433	2265	2269	2273	rVV	451839	531942	25.96%	1.576%
97	15.498	2275	2280	2283	rVV	349350	500473	24.43%	1.482%
98	15.527	2283	2285	2292	rVB2	132405	167740	8.19%	0.497%
99	16.980	2527	2532	2541	rVB2	179829	363768	17.75%	1.078%
100	17.433	2603	2609	2618	rBV	146697	294951	14.39%	0.874%

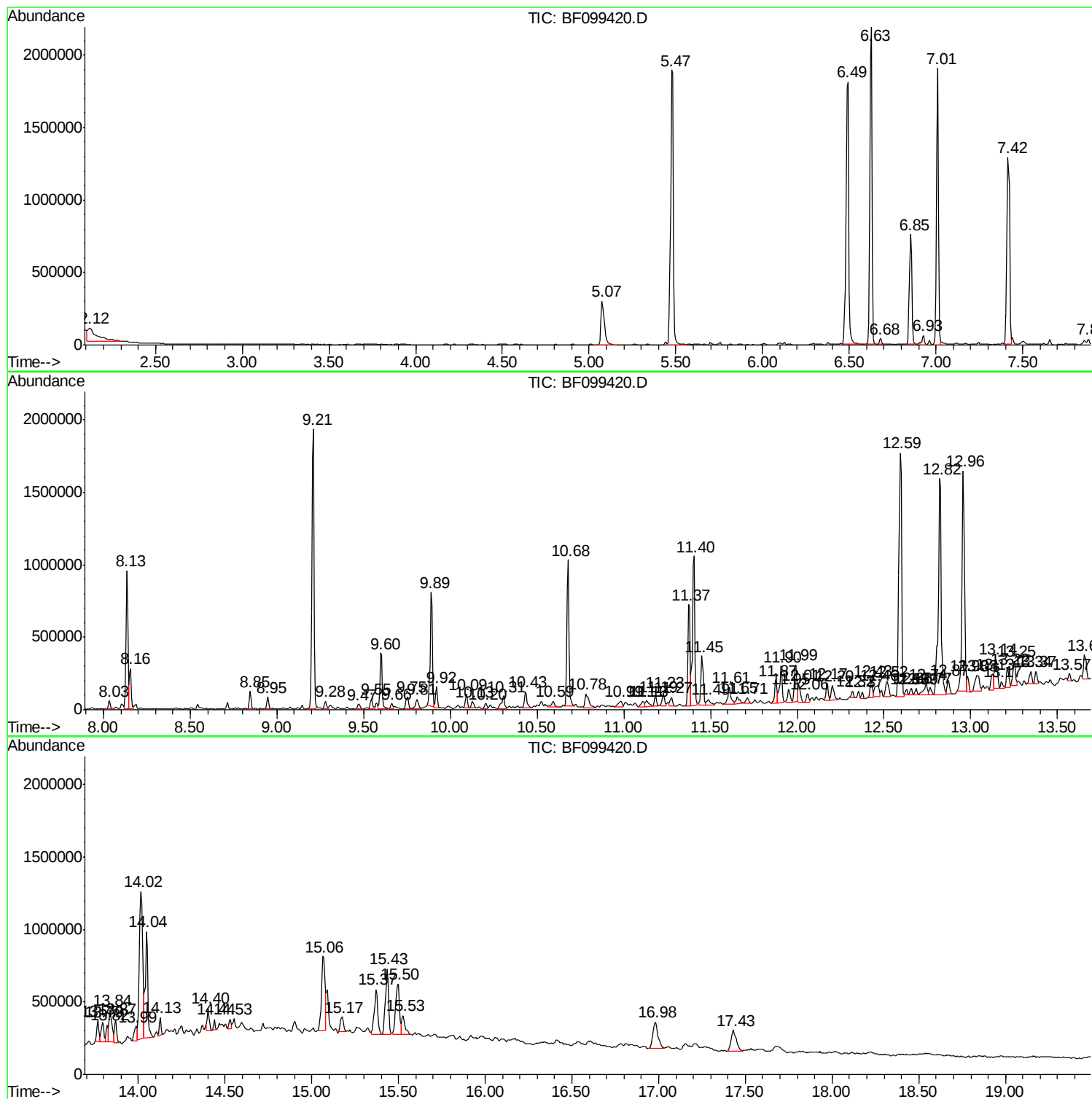
Sum of corrected areas: 33759286

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ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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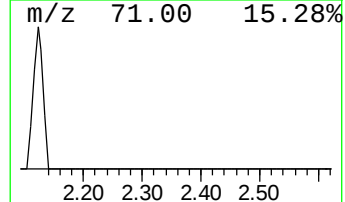
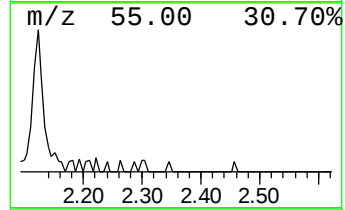
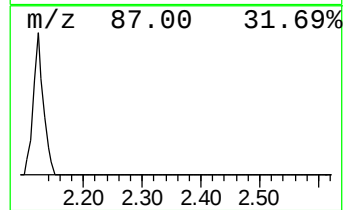
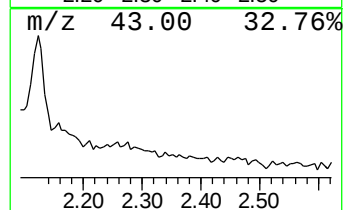
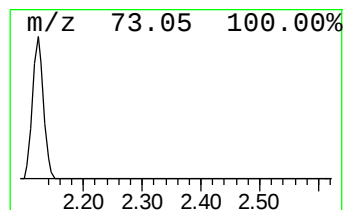
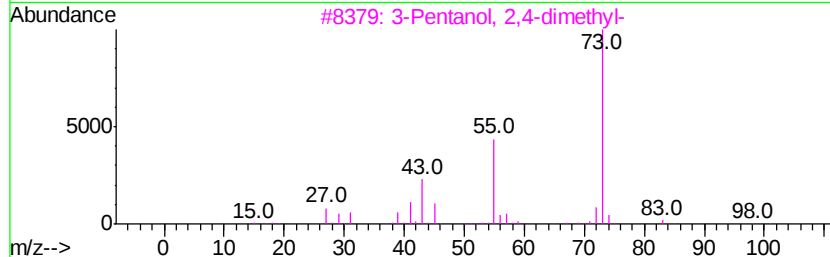
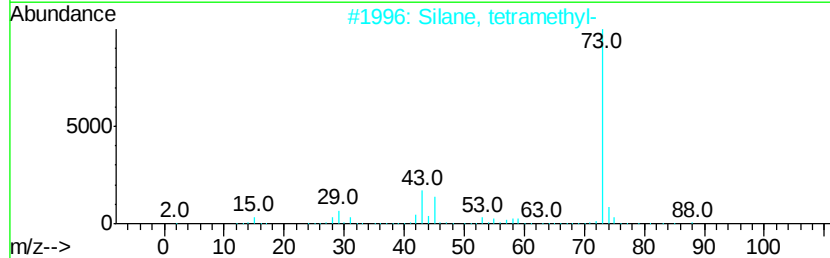
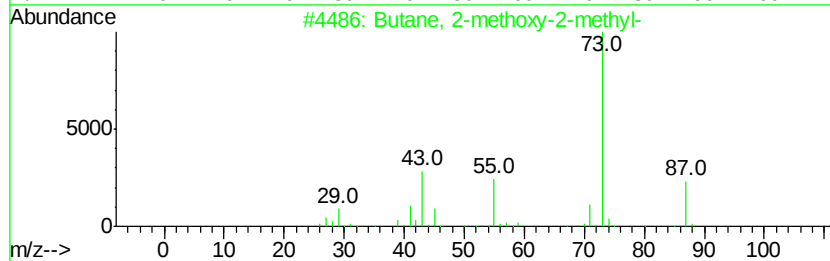
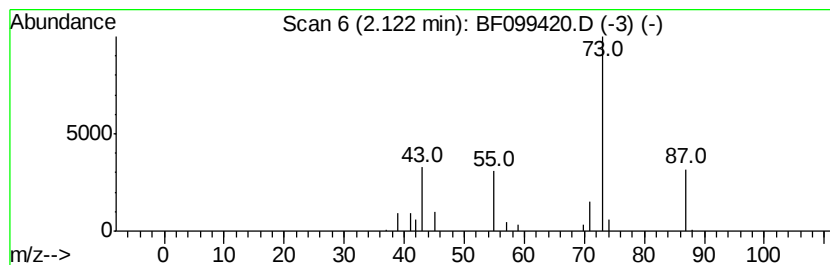
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	10.34 ng	339216	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		Silane, tetramethyl-	88	C4H12Si	000075-76-3	37
3		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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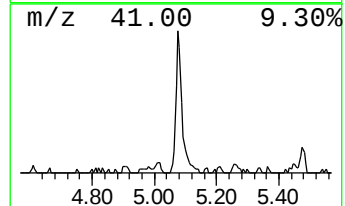
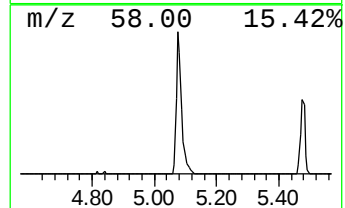
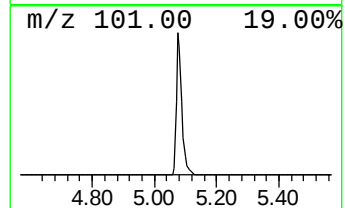
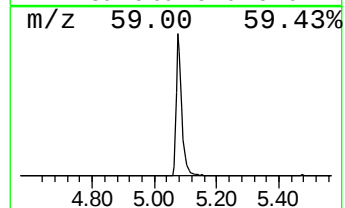
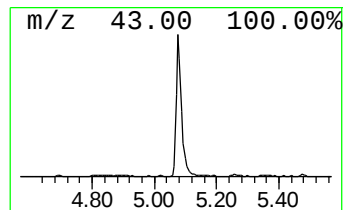
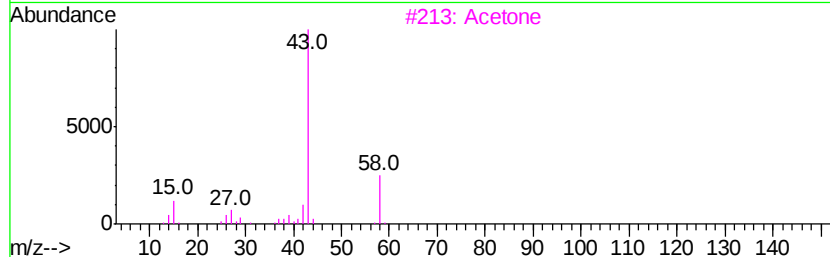
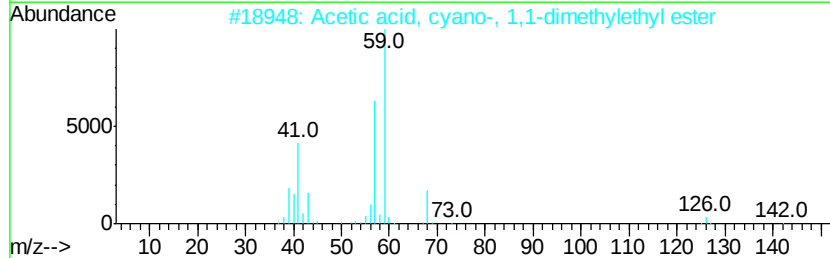
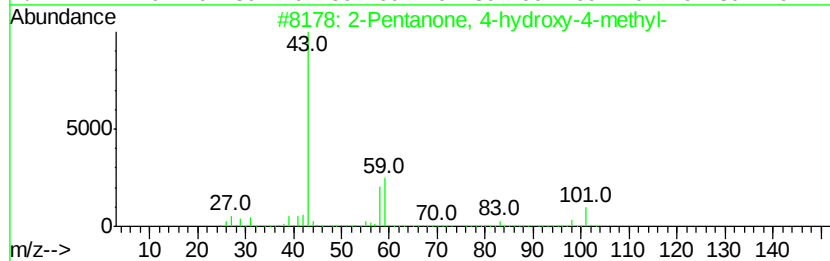
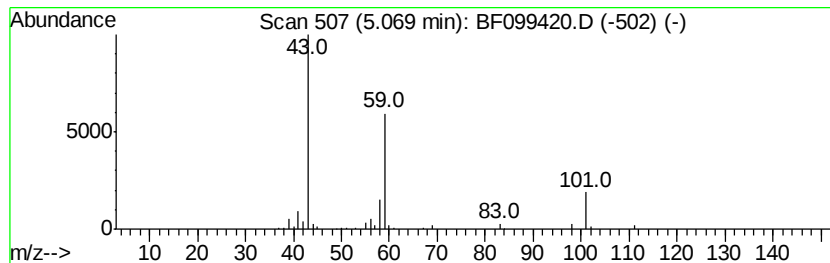
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	11.82 ng	387776	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		Acetone	58	C3H6O	000067-64-1	9
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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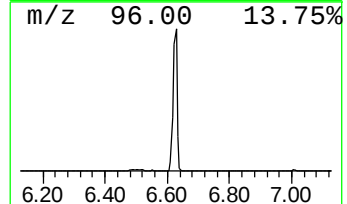
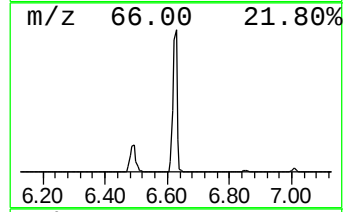
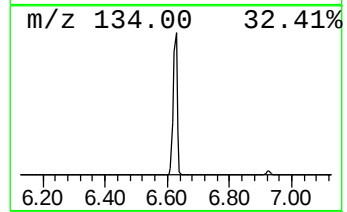
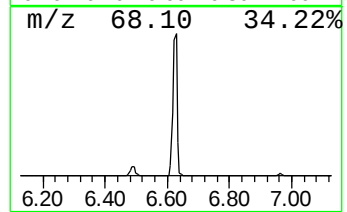
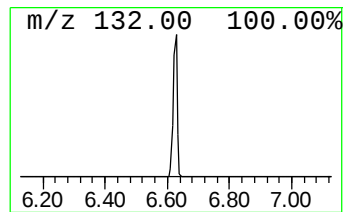
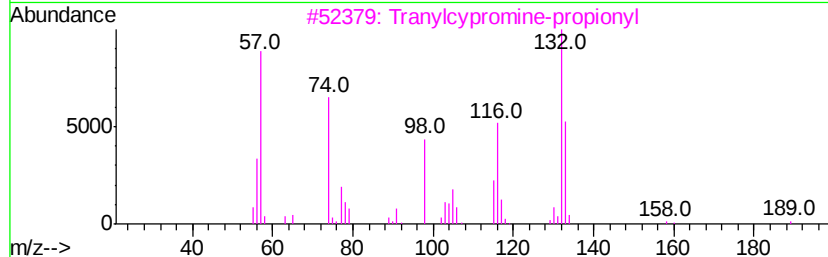
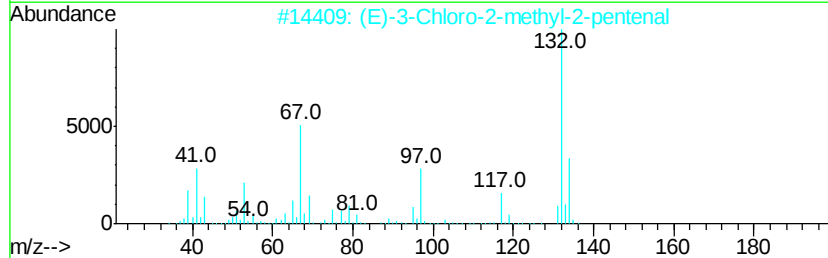
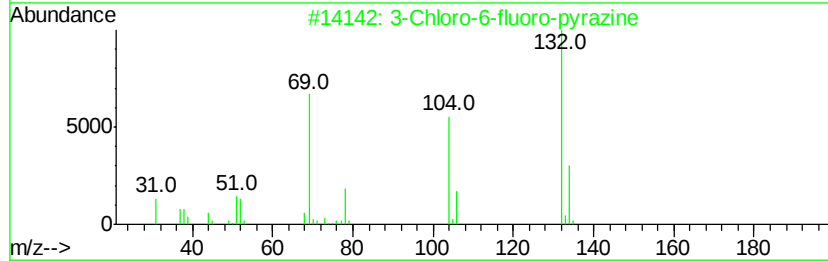
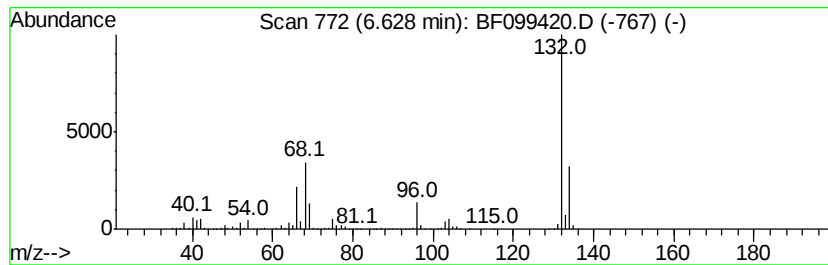
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	62.46 ng	2049010	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Xenon	132	Xe	007440-63-3	9



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Operator : SJ/JU
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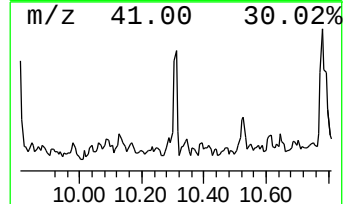
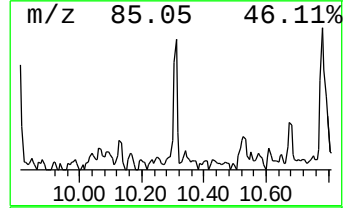
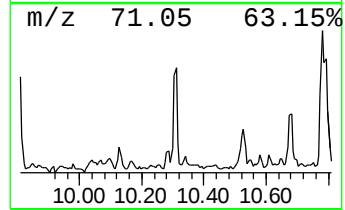
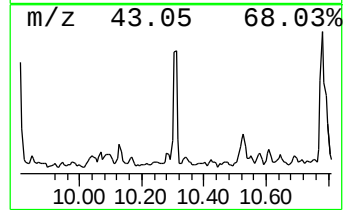
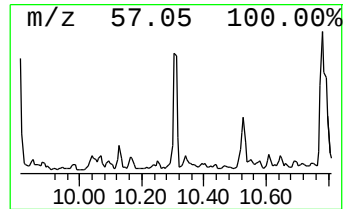
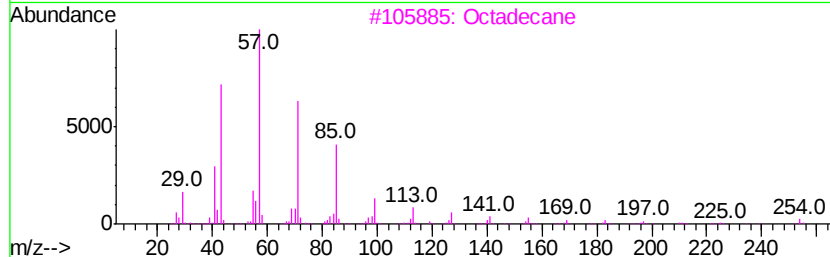
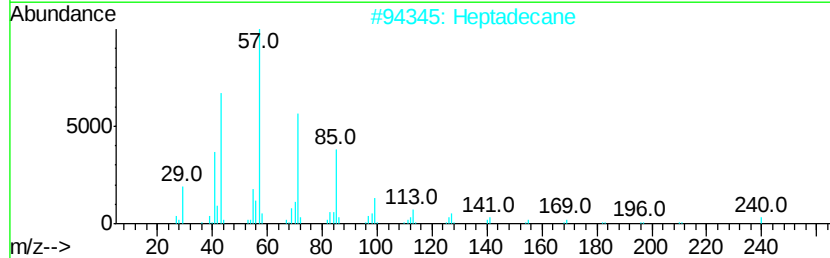
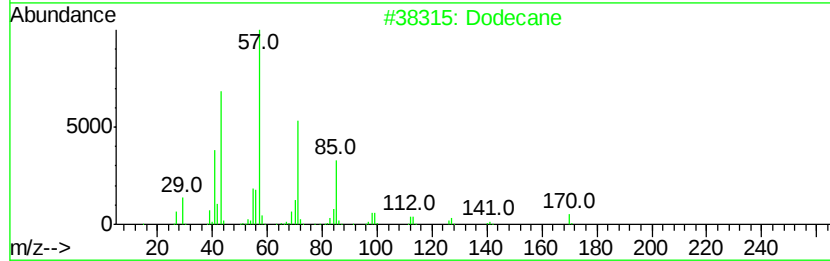
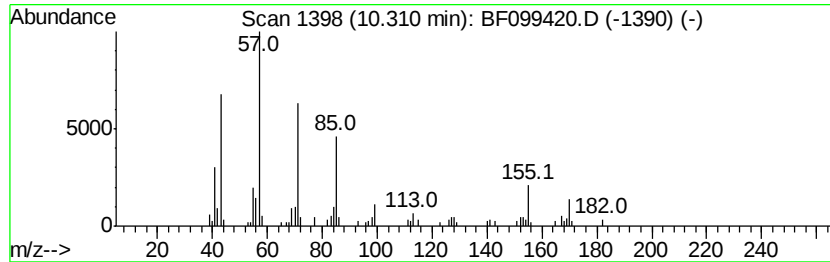
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	3.14 ng	109738	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	76
2		Heptadecane	240	C17H36	000629-78-7	64
3		Octadecane	254	C18H38	000593-45-3	64
4		Hexadecane	226	C16H34	000544-76-3	64
5		Tetradecane	198	C14H30	000629-59-4	64



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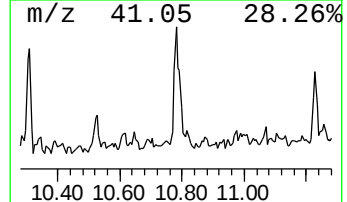
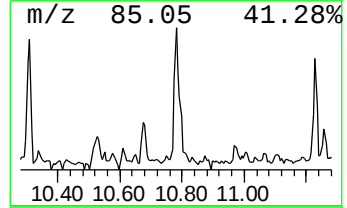
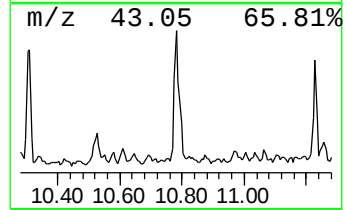
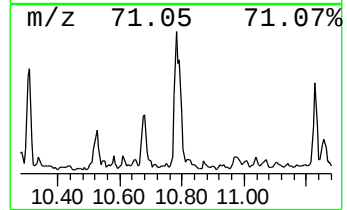
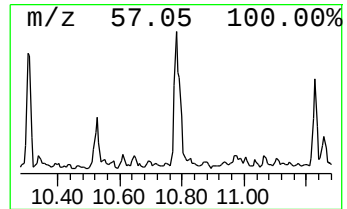
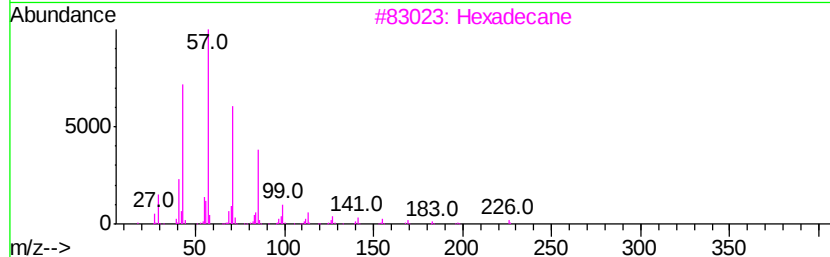
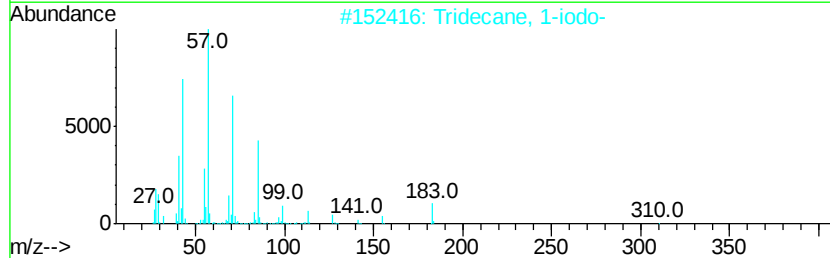
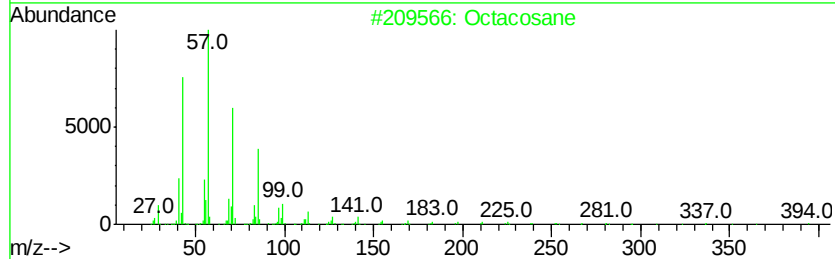
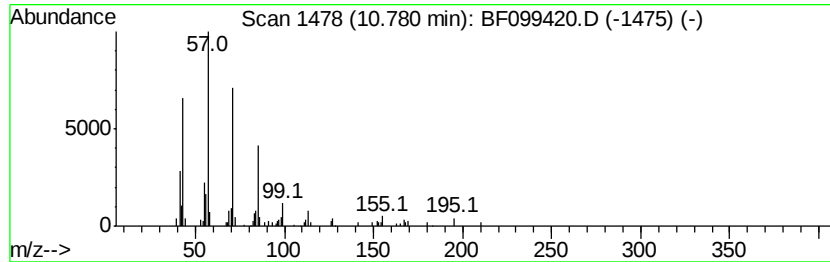
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	4.65 ng	154723	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	86
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Pentadecane	212	C15H32	000629-62-9	86
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	80



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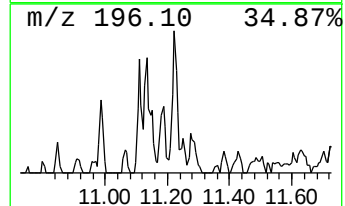
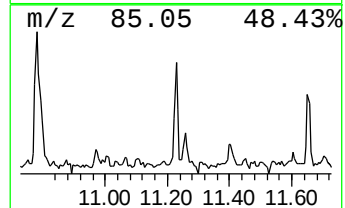
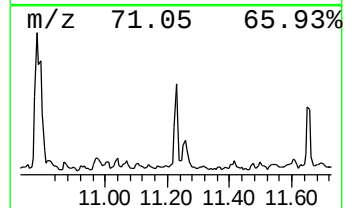
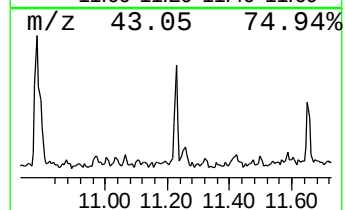
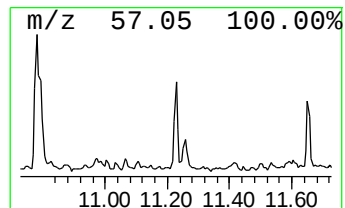
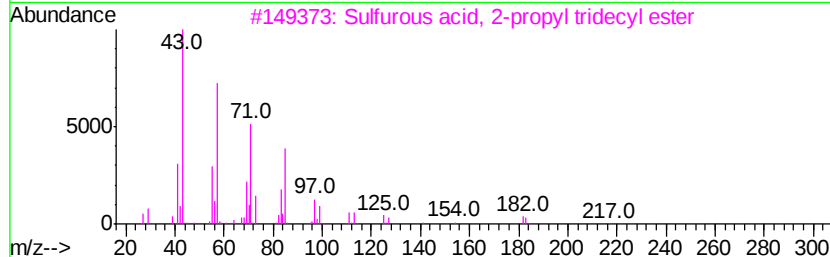
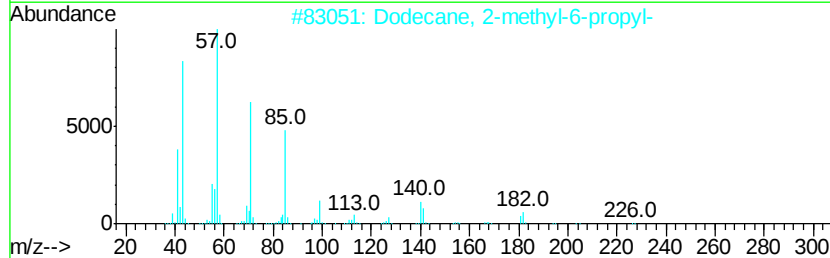
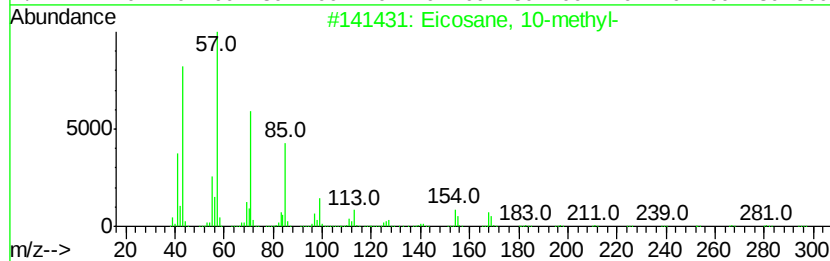
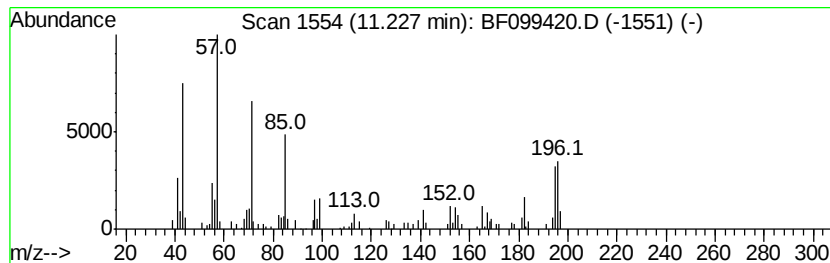
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown11.23 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	2.95 ng	98346	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 10-methyl-	296	C21H44	054833-23-7	45
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	43
3			Sulfurous acid, 2-propyl tridecyl...	306	C16H34O3S	1000309-12-4	43
4			Heptadecane	240	C17H36	000629-78-7	41
5			Hexacosane	366	C26H54	000630-01-3	38



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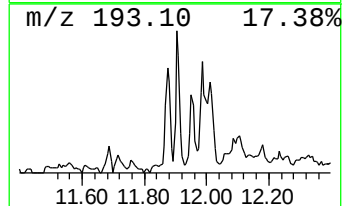
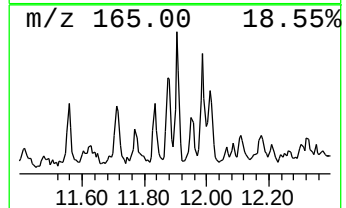
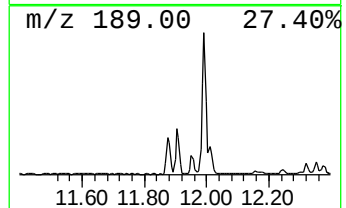
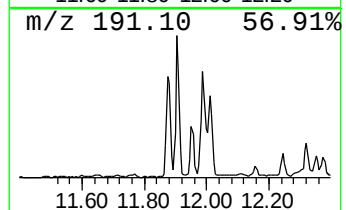
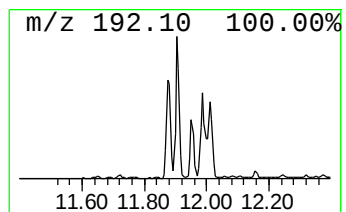
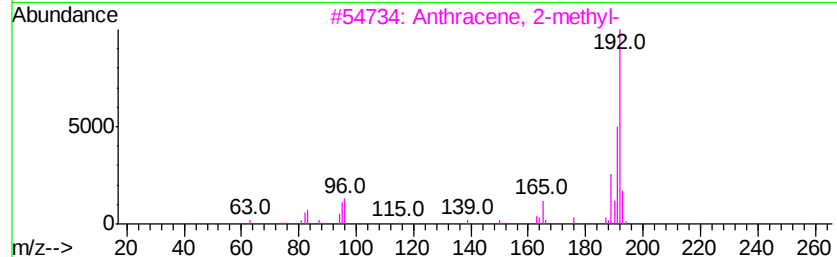
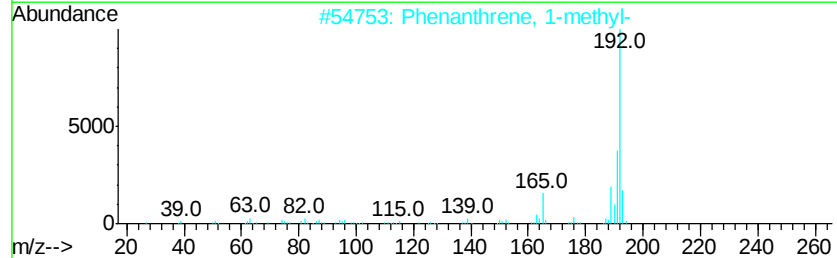
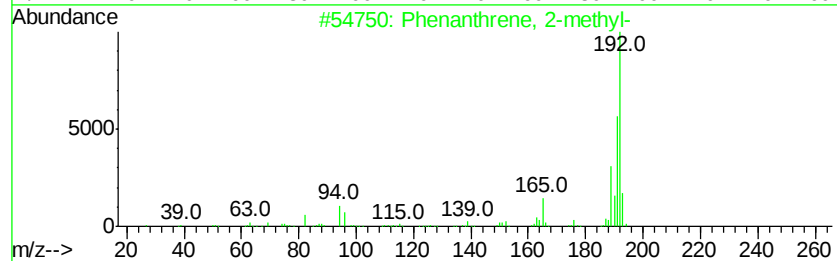
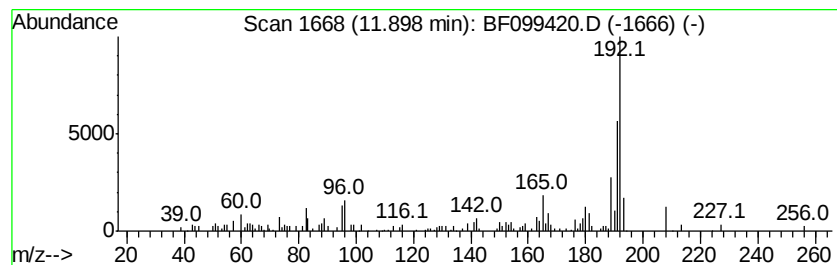
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.90	7.23 ng	240664	Phenanthrene-d10		11.37	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-		192	C15H12	000613-12-7	94
4	Anthracene, 9-methyl-		192	C15H12	000779-02-2	94
5	Anthracene, 1-methyl-		192	C15H12	000610-48-0	93



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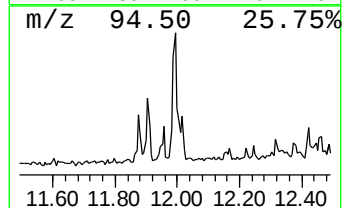
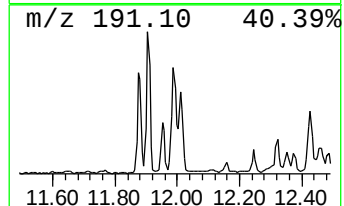
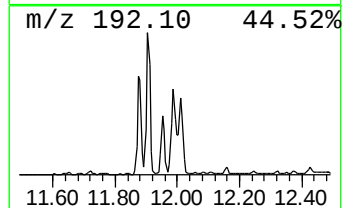
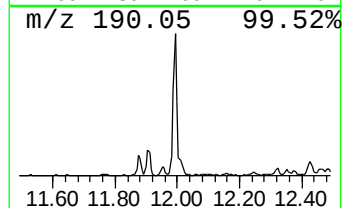
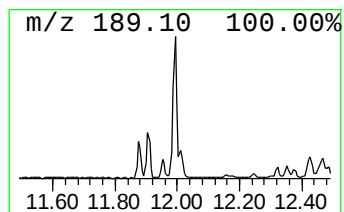
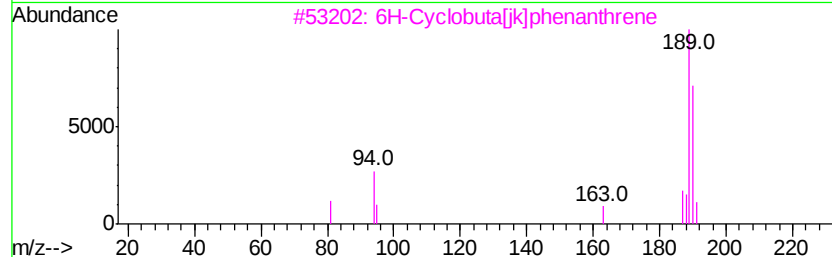
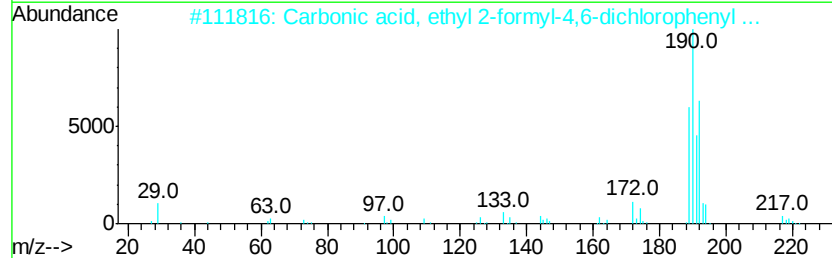
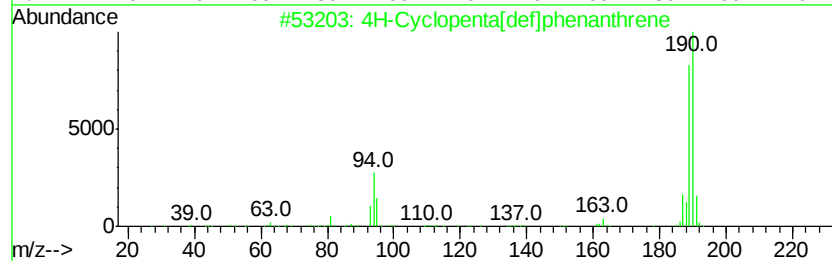
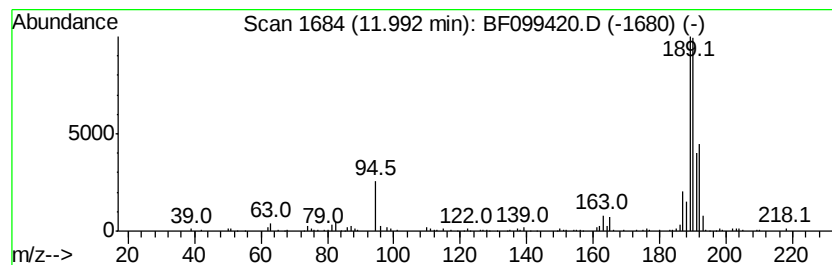
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.99	8.91 ng	296646	Phenanthrene-d10	11.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	42
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23



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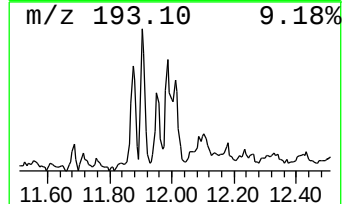
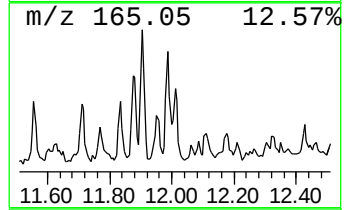
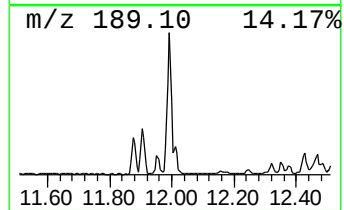
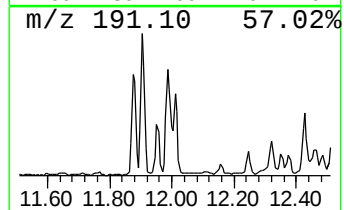
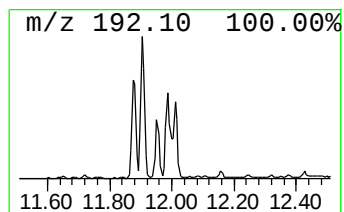
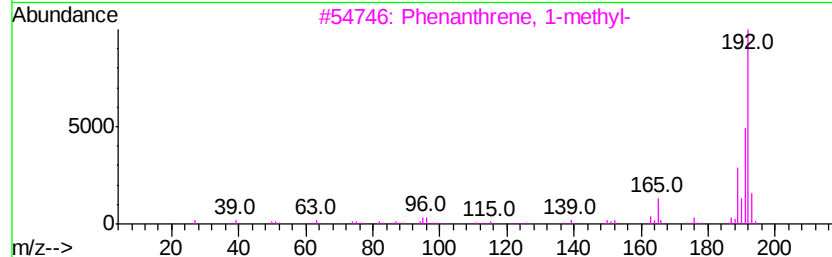
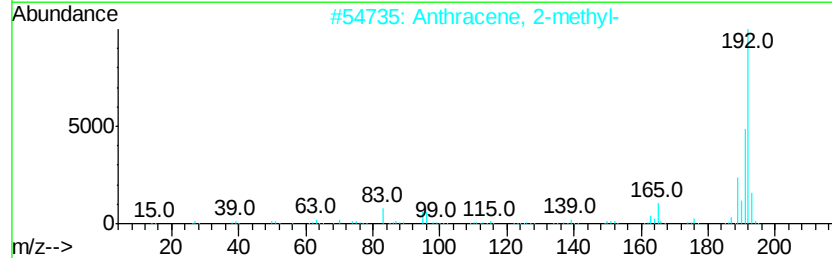
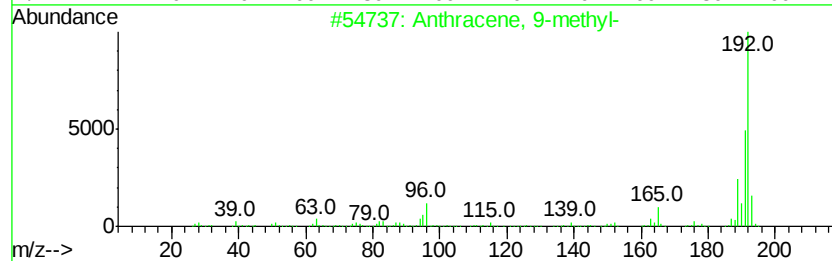
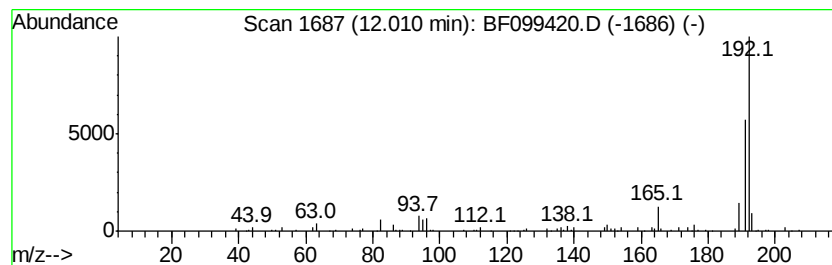
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.70 ng	89757	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	58



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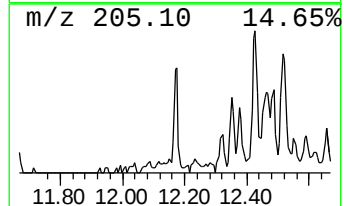
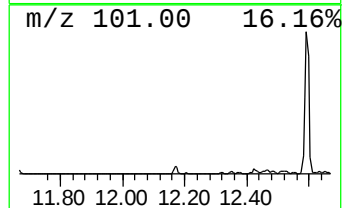
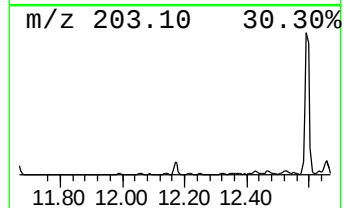
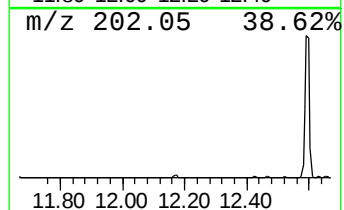
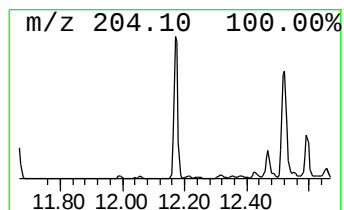
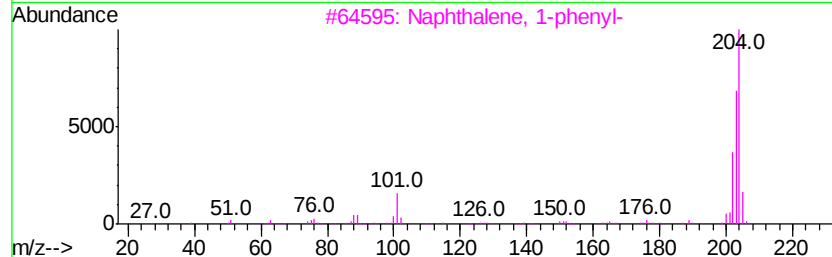
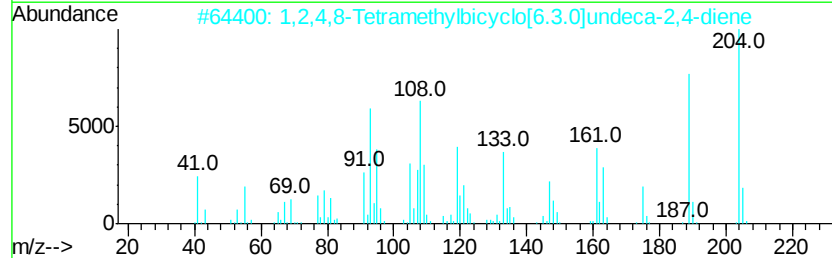
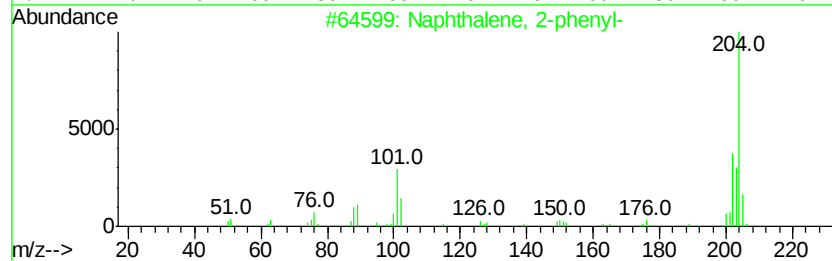
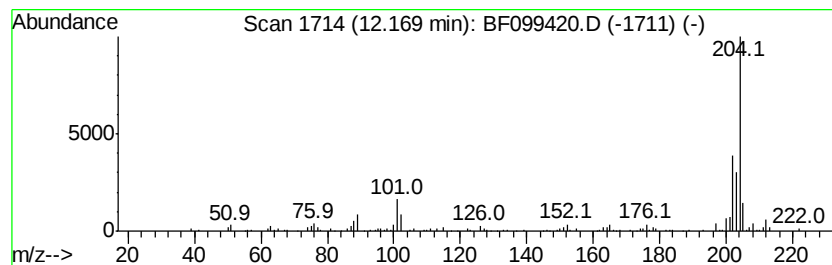
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	3.40 ng	113146	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	80
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
4		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
5		Levamisole	204	C11H12N2S	014769-73-4	50



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099420.D
Acq On : 13 Oct 2017 3:01
Operator : SJ/JU
Sample : I5763-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
220-2(2TRH)-COMP

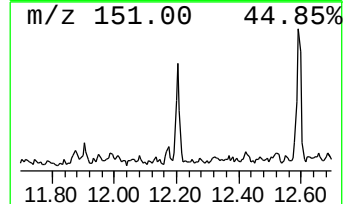
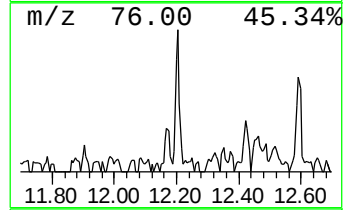
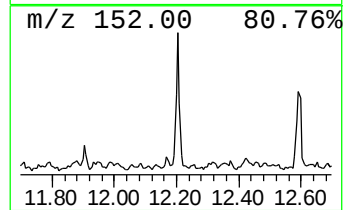
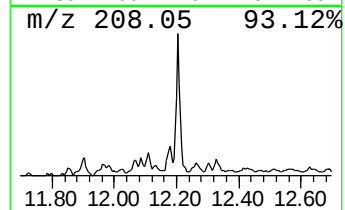
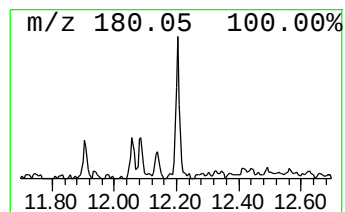
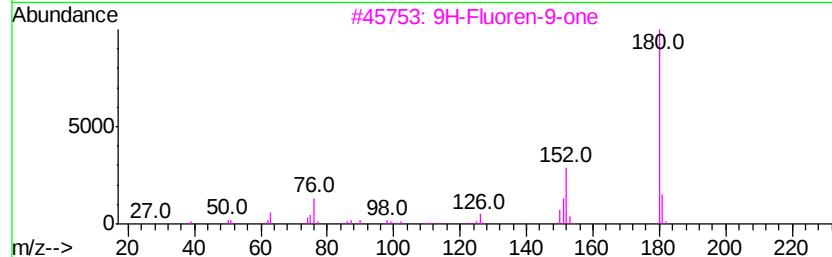
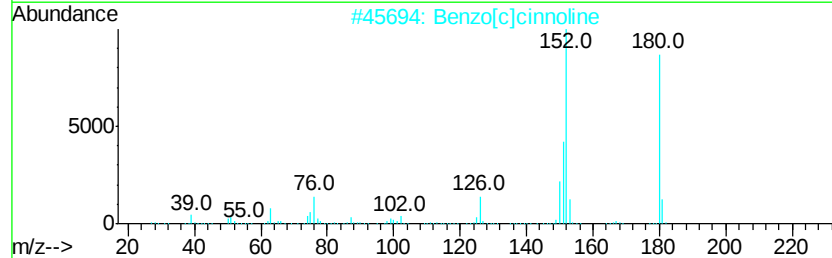
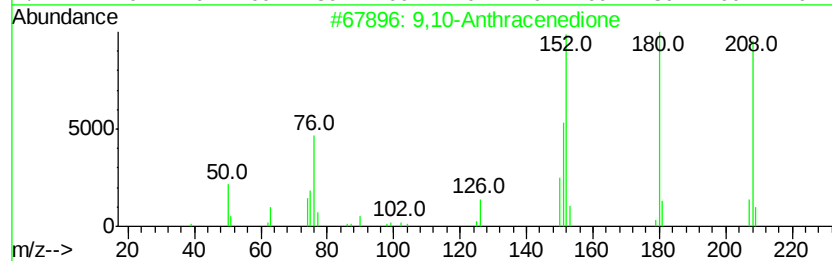
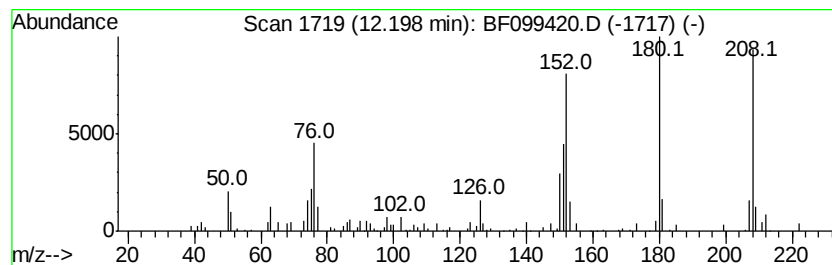
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	2.95 ng	98080	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3			9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
4			1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
5			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099420.D
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Operator : SJ/JU
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ClientSampleId :
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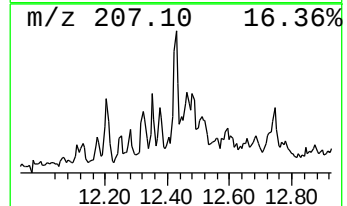
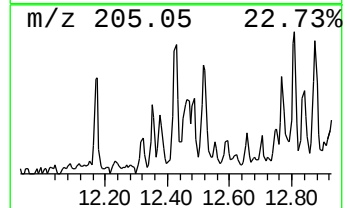
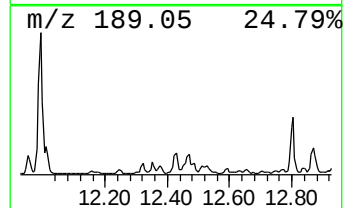
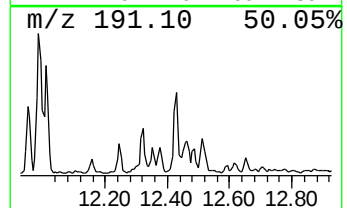
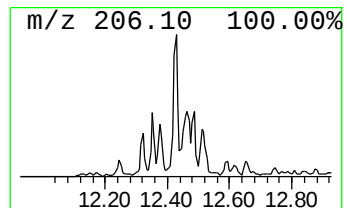
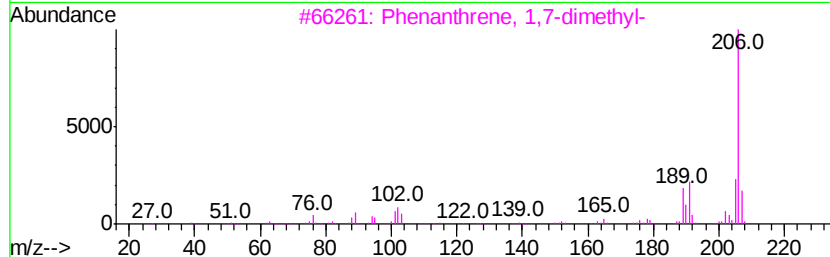
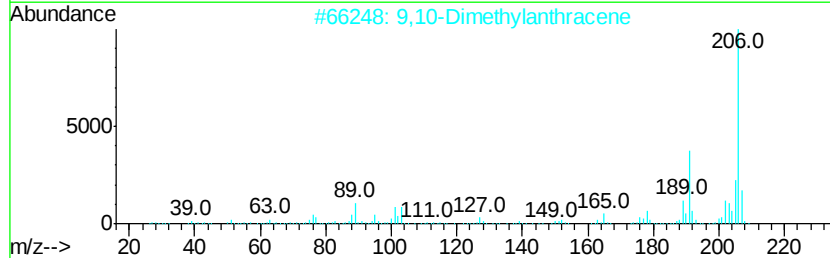
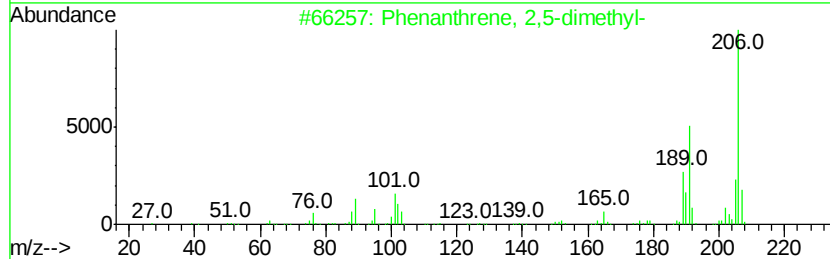
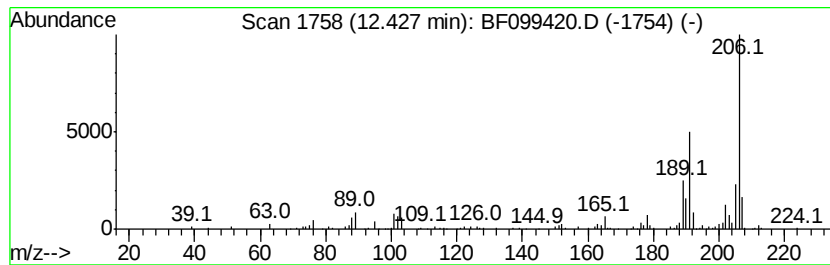
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	3.72 ng	123942	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
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Operator : SJ/JU
Sample : I5763-01
Misc :
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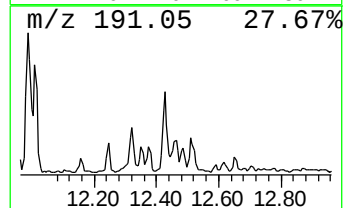
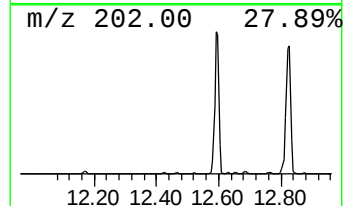
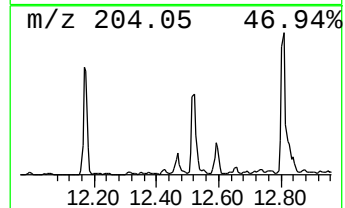
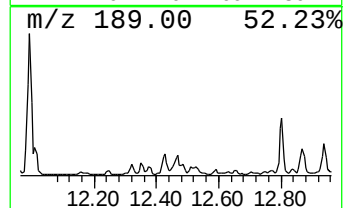
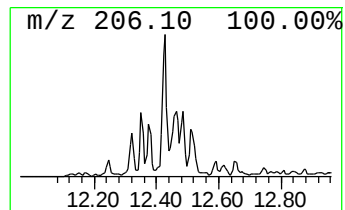
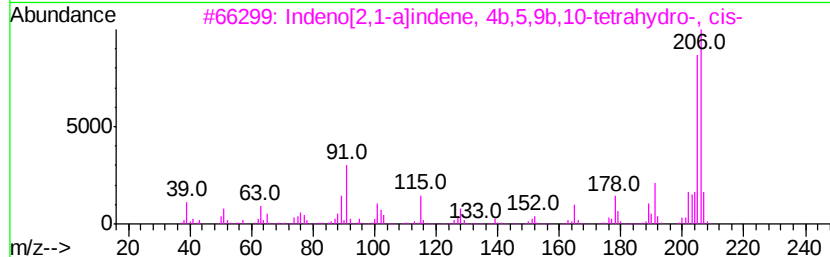
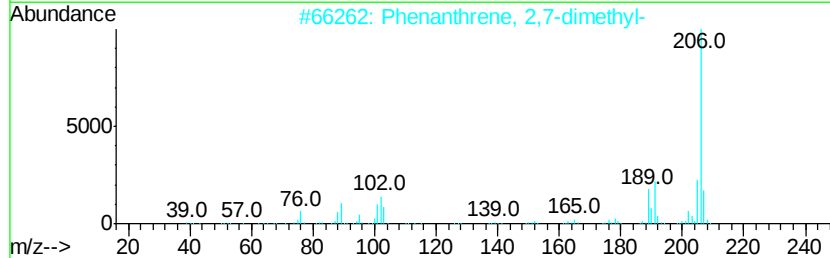
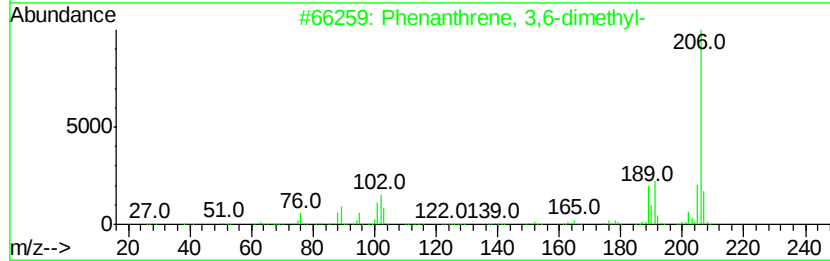
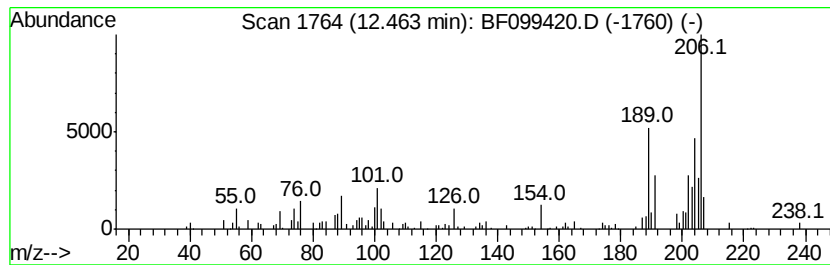
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown12.46 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.46	3.79 ng	126127	Phenanthrene-d10	11.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	49
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	46
3	Indeno[2,1-a]indene, 4b,5,9b,10-...	206	C16H14	016293-79-1	46
4	di-p-Tolylacetylvene	206	C16H14	002789-88-0	43
5	9,10-Dimethylantracene	206	C16H14	000781-43-1	43



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099420.D
Acq On : 13 Oct 2017 3:01
Operator : SJ/JU
Sample : I5763-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

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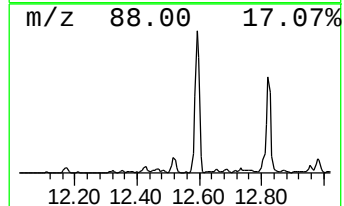
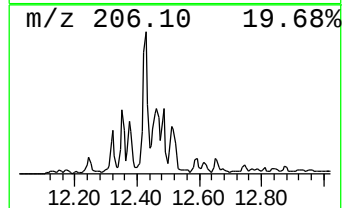
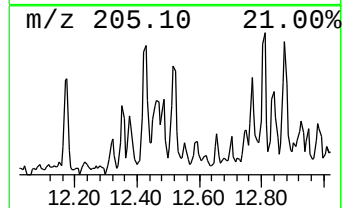
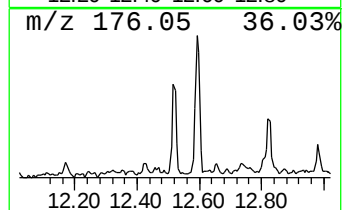
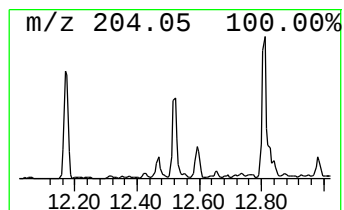
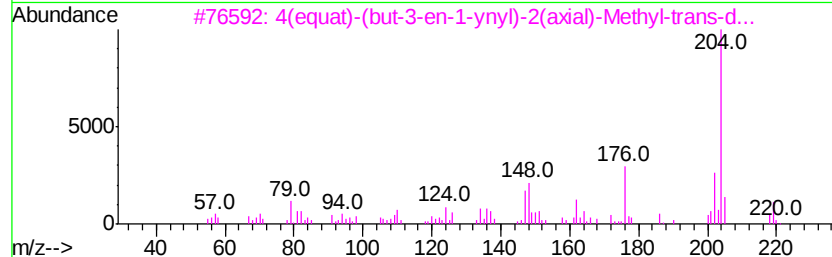
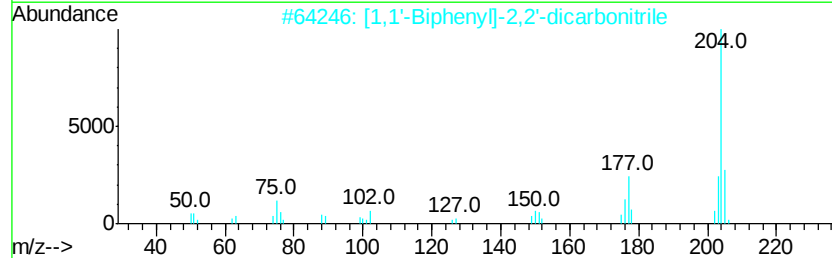
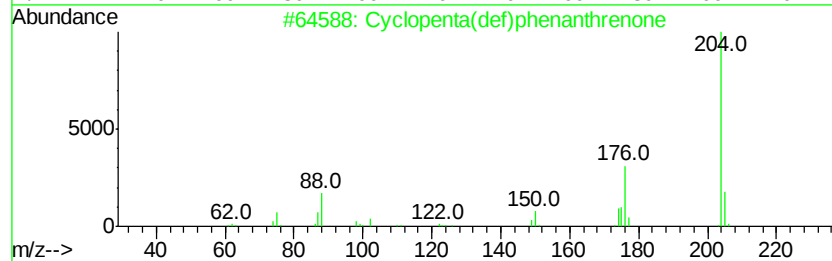
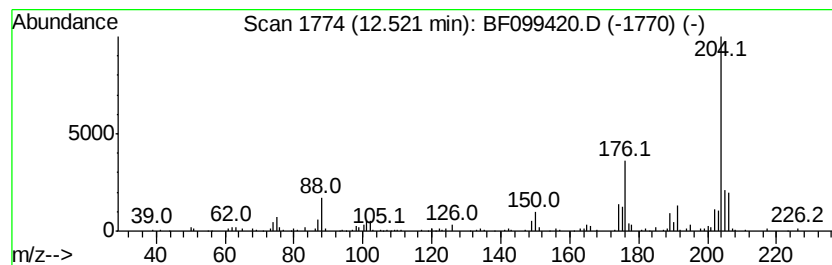
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	3.58 ng	119066	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
3		4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	43
4		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41
5		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	38



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099420.D
Acq On : 13 Oct 2017 3:01
Operator : SJ/JU
Sample : I5763-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

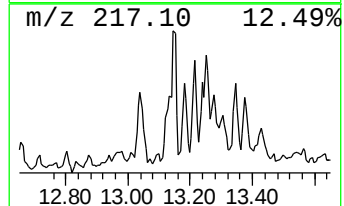
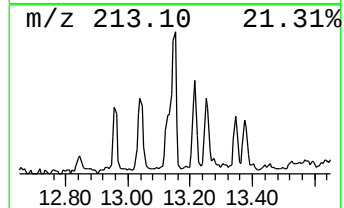
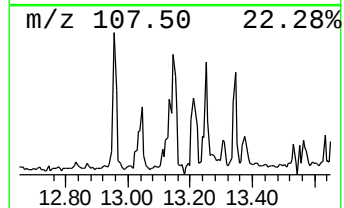
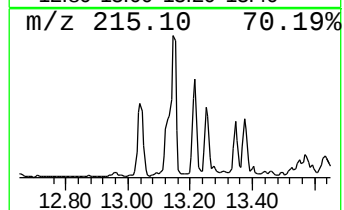
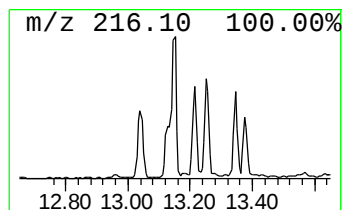
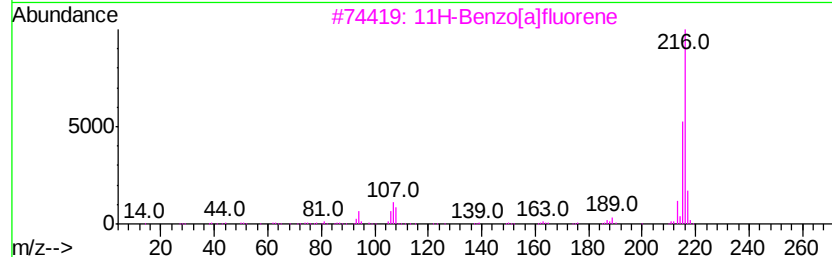
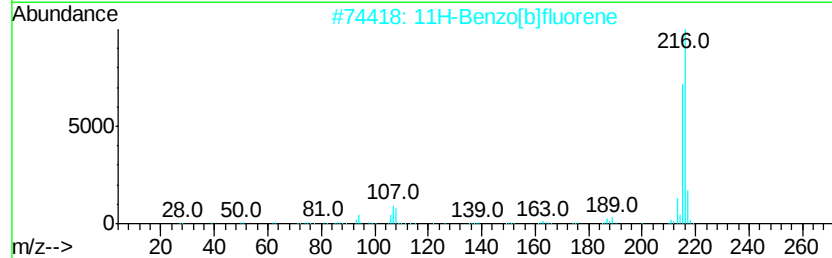
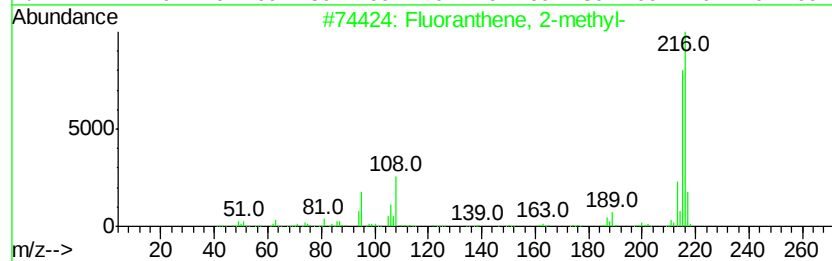
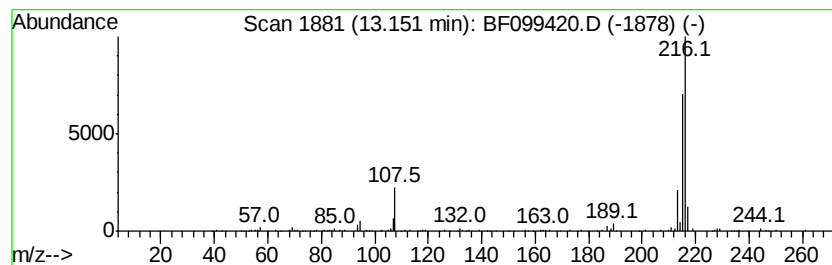
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.15	2.63 ng	201102	Chrysene-d12	14.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	70



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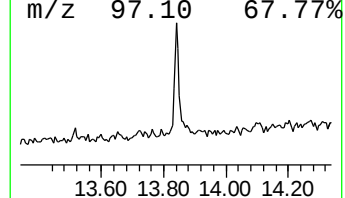
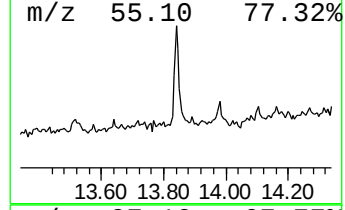
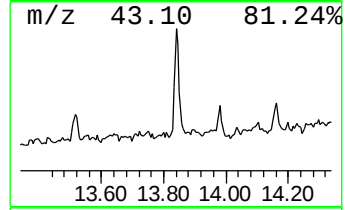
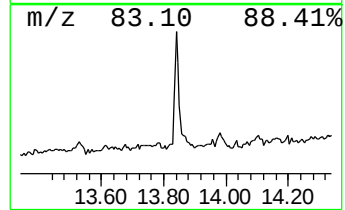
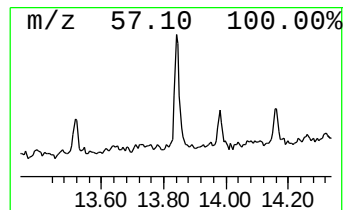
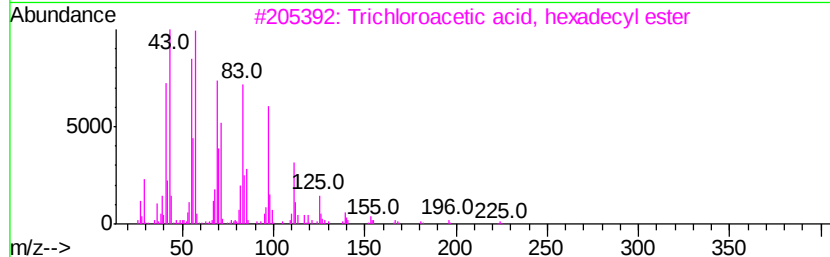
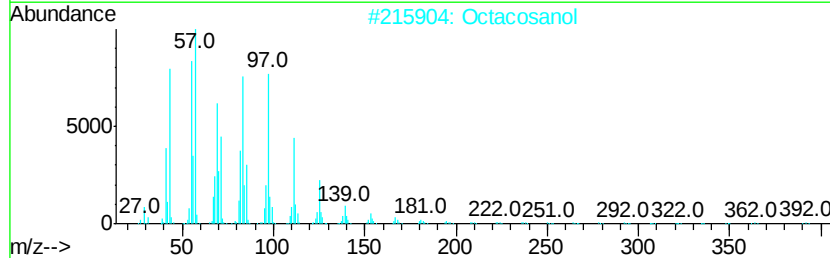
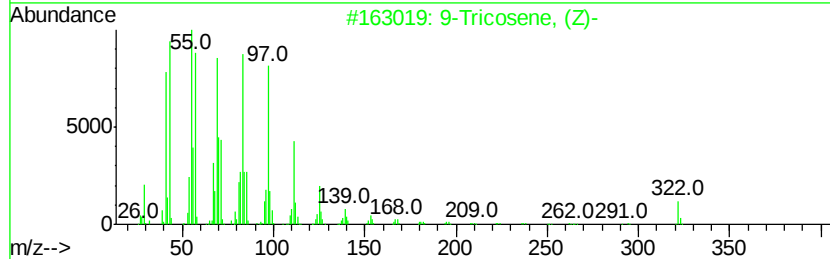
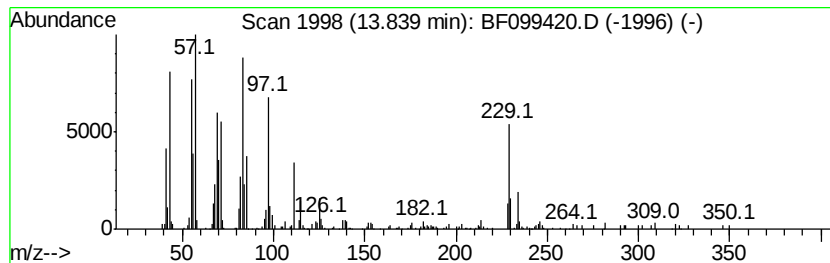
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9-Tricosene, (Z)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	3.13 ng	239741	Chrysene-d12	14.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		9-Tricosene, (Z)-	322 C23H46	027519-02-4 86
2		Octacosanol	410 C28H58O	000557-61-9 64
3		Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1 64
4		Cyclotetracosane	336 C24H48	000297-03-0 62
5		Dichloroacetic acid, tetradecyl ...	324 C16H30Cl2O2	083005-02-1 58



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Data File : BF099420.D
Acq On : 13 Oct 2017 3:01
Operator : SJ/JU
Sample : I5763-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
220-2(2TRH)-COMP

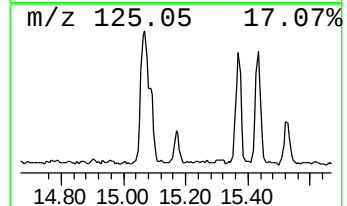
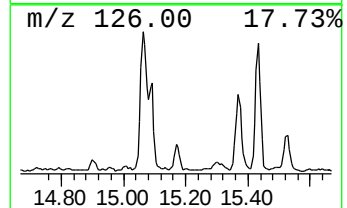
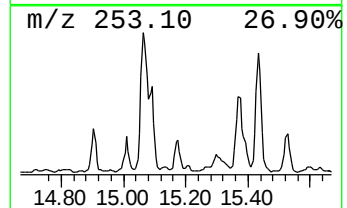
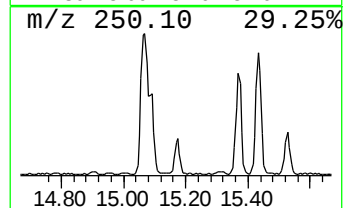
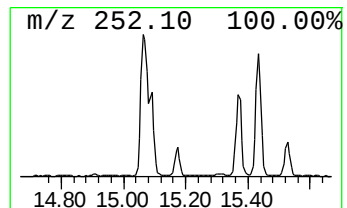
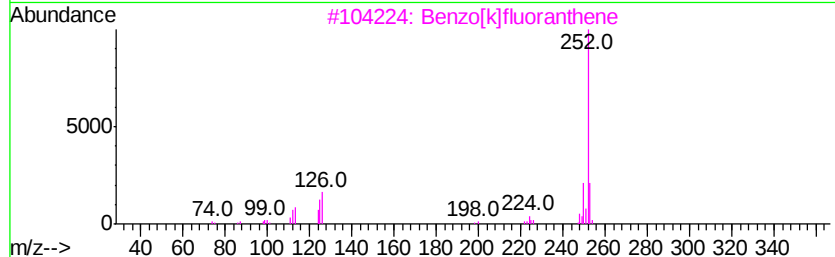
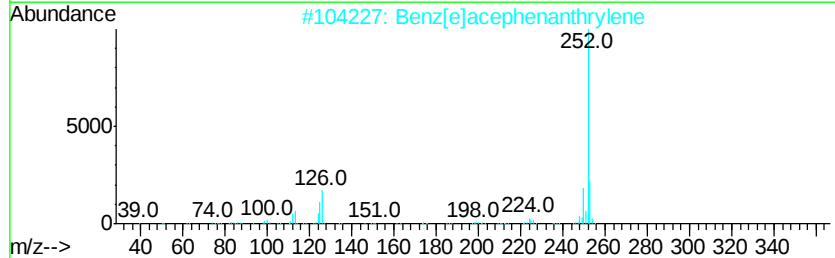
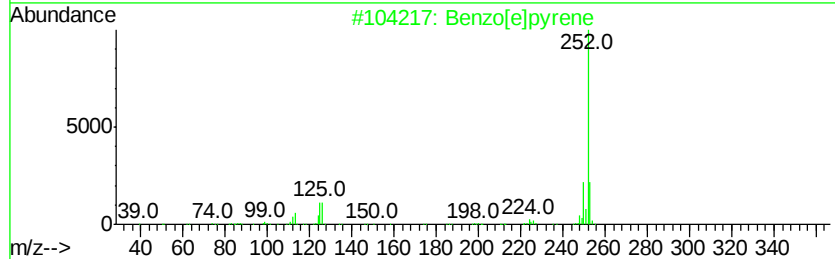
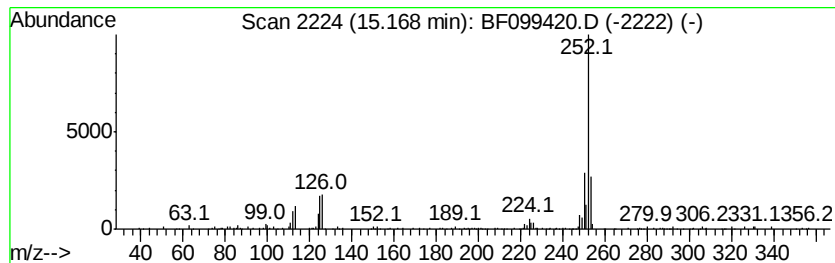
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	4.40 ng	110174	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Perylene	252	C20H12	000198-55-0	89



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF101217\
 Data File : BF099420.D
 Acq On : 13 Oct 2017 3:01
 Operator : SJ/JU
 Sample : I5763-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 220-2(2TRH)-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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
Butane, 2-methoxy...	2.12	10.3	ng	339216	1	6.85	656068	20.0
2-Pentanone, 4-hy...	5.07	11.8	ng	387776	1	6.85	656068	20.0
unknown6.63	6.63	62.5	ng	2049010	1	6.85	656068	20.0
Dodecane	10.31	3.1	ng	109738	3	9.89	699254	20.0
Octacosane	10.78	4.7	ng	154723	4	11.37	665787	20.0
unknown11.23	11.23	3.0	ng	98346	4	11.37	665787	20.0
Phenanthrene, 2-m...	11.90	7.2	ng	240664	4	11.37	665787	20.0
4H-Cyclopenta[def...	11.99	8.9	ng	296646	4	11.37	665787	20.0
Anthracene, 9-met...	12.01	2.7	ng	89757	4	11.37	665787	20.0
Naphthalene, 2-ph...	12.17	3.4	ng	113146	4	11.37	665787	20.0
9,10-Anthracenedione	12.20	3.0	ng	98080	4	11.37	665787	20.0
Phenanthrene, 2,5...	12.43	3.7	ng	123942	4	11.37	665787	20.0
unknown12.46	12.46	3.8	ng	126127	4	11.37	665787	20.0
Cyclopenta(def)ph...	12.52	3.6	ng	119066	4	11.37	665787	20.0
Fluoranthene, 2-m...	13.15	2.6	ng	201102	5	14.02	1530790	20.0
9-Tricosene, (Z)-	13.84	3.1	ng	239741	5	14.02	1530790	20.0
Benzo[e]pyrene	15.17	4.4	ng	110174	6	15.50	500473	20.0