

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
 Data File : BF112239.D
 Acq On : 25 Jan 2019 18:37
 Operator : JU/SJ
 Sample : K1231-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200029

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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	2.152	7	11	31	rVB	138259	292172	6.95%	0.415%
2	5.069	503	507	515	rVB	125344	160647	3.82%	0.228%
3	5.481	573	577	591	rBV	3157776	2967261	70.60%	4.213%
4	6.492	743	749	766	rBV	3572316	4202692	100.00%	5.967%
5	6.622	766	771	774	rBV	4100065	4062620	96.67%	5.768%
6	6.839	805	808	817	rBV	1259873	1131892	26.93%	1.607%
7	6.998	831	835	838	rBV	3504956	3074281	73.15%	4.365%
8	7.404	899	904	907	rBV	2605982	2440022	58.06%	3.464%
9	8.122	1020	1026	1035	rBV	1514084	1411480	33.59%	2.004%
10	9.198	1203	1209	1212	rBV	4589101	3854606	91.72%	5.472%
11	9.586	1272	1275	1280	rVB	338147	275293	6.55%	0.391%
12	9.739	1298	1301	1305	rBV	85438	74688	1.78%	0.106%
13	9.880	1317	1325	1328	rBV	1408096	1317436	31.35%	1.870%
14	10.080	1354	1359	1363	rBV	60145	75286	1.79%	0.107%
15	10.427	1414	1418	1423	rVB	60285	65296	1.55%	0.093%
16	10.580	1441	1444	1448	rBV2	54125	66217	1.58%	0.094%
17	10.669	1455	1459	1473	rVB	3088071	2758604	65.64%	3.916%
18	10.775	1474	1477	1479	rBV2	68030	66236	1.58%	0.094%
19	10.845	1486	1489	1492	rBV	176959	161288	3.84%	0.229%
20	10.975	1506	1511	1514	rBV4	41669	47190	1.12%	0.067%
21	11.222	1548	1553	1556	rBV3	59178	81895	1.95%	0.116%
22	11.257	1556	1559	1565	rVB	75780	82006	1.95%	0.116%
23	11.363	1573	1577	1579	rBV	1842813	1574656	37.47%	2.236%
24	11.386	1579	1581	1585	rVV	1386710	1138181	27.08%	1.616%
25	11.439	1587	1590	1593	rVB	192917	158590	3.77%	0.225%
26	11.592	1611	1616	1623	rBV3	72370	127224	3.03%	0.181%
27	11.651	1623	1626	1630	rVV2	78120	84213	2.00%	0.120%
28	11.698	1631	1634	1639	rVB3	40051	50876	1.21%	0.072%
29	11.863	1659	1662	1664	rBV	205966	218676	5.20%	0.310%
30	11.892	1664	1667	1672	rVB	726205	704454	16.76%	1.000%
31	11.974	1678	1681	1684	rBV	292426	318199	7.57%	0.452%
32	11.998	1684	1685	1690	rVB	157765	106297	2.53%	0.151%
33	12.057	1691	1695	1700	rVB4	41151	56305	1.34%	0.080%
34	12.157	1709	1712	1715	rBV	141837	124723	2.97%	0.177%

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35	12.186	1715	1717	1723	rVB	171764	149705	3.56%	0.213%
36	12.274	1729	1732	1736	rBV	51033	84645	2.01%	0.120%
37	12.310	1736	1738	1741	rVV	278788	261381	6.22%	0.371%
38	12.339	1741	1743	1745	rVB	63476	50327	1.20%	0.071%
39	12.416	1753	1756	1758	rBV	119609	115363	2.74%	0.164%
40	12.451	1758	1762	1764	rVV3	78080	101034	2.40%	0.143%
41	12.504	1768	1771	1775	rBV	185570	198283	4.72%	0.282%
42	12.580	1780	1784	1787	rBV	1972220	1779980	42.35%	2.527%
43	12.669	1796	1799	1803	rBV	259517	268009	6.38%	0.380%
44	12.804	1817	1822	1824	rBV2	1572677	1682748	40.04%	2.389%
45	12.827	1824	1826	1835	rVB	1465795	1698239	40.41%	2.411%
46	12.945	1840	1846	1849	rBV	3643149	3189593	75.89%	4.528%
47	13.021	1855	1859	1863	rBV3	102298	171748	4.09%	0.244%
48	13.110	1871	1874	1875	rBV3	97204	101159	2.41%	0.144%
49	13.133	1875	1878	1881	rVV	235821	227438	5.41%	0.323%
50	13.168	1881	1884	1887	rVV2	56033	73552	1.75%	0.104%
51	13.198	1887	1889	1892	rVV	155978	151517	3.61%	0.215%
52	13.239	1892	1896	1903	rVB2	152969	213903	5.09%	0.304%
53	13.327	1908	1911	1914	rBV	86895	82839	1.97%	0.118%
54	13.363	1914	1917	1920	rBV	79418	84659	2.01%	0.120%
55	13.510	1938	1942	1945	rBV5	98367	122710	2.92%	0.174%
56	13.616	1955	1960	1962	rBV2	139731	168097	4.00%	0.239%
57	13.645	1962	1965	1968	rVB	120711	125741	2.99%	0.179%
58	13.751	1980	1983	1985	rBV	136253	127999	3.05%	0.182%
59	13.780	1985	1988	1990	rVV2	146946	162538	3.87%	0.231%
60	13.804	1990	1992	1993	rVV	114117	99943	2.38%	0.142%
61	13.845	1993	1999	2008	rVB4	565103	1204542	28.66%	1.710%
62	13.998	2018	2025	2028	rBV2	1332765	2025330	48.19%	2.875%
63	14.027	2028	2030	2037	rVB	668873	610423	14.52%	0.867%
64	14.110	2042	2044	2047	rBV	74467	49509	1.18%	0.070%
65	14.157	2047	2052	2055	rBV	794943	885414	21.07%	1.257%
66	14.233	2063	2065	2068	rVB2	66018	52650	1.25%	0.075%
67	14.339	2079	2083	2087	rBV	436370	524864	12.49%	0.745%
68	14.386	2087	2091	2094	rVV	132762	176036	4.19%	0.250%
69	14.421	2095	2097	2099	rVV2	78979	68640	1.63%	0.097%
70	14.457	2099	2103	2107	rVV	1518057	1677788	39.92%	2.382%
71	14.515	2110	2113	2115	rBV2	65665	64778	1.54%	0.092%

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72	14.663	2135	2138	2143	rBV	559347	645826	15.37%	0.917%
73	14.762	2150	2155	2163	rVB	2257568	2511926	59.77%	3.566%
74	14.880	2172	2175	2177	rBV2	62380	79944	1.90%	0.113%
75	15.015	2194	2198	2200	rBV	579247	716241	17.04%	1.017%
76	15.039	2200	2202	2205	rVV	640372	855438	20.35%	1.214%
77	15.098	2208	2212	2217	rVV	2317628	2717187	64.65%	3.858%
78	15.145	2218	2220	2224	rVB	111125	122700	2.92%	0.174%
79	15.345	2250	2254	2259	rVB	334442	434004	10.33%	0.616%
80	15.404	2259	2264	2269	rVV	944579	1245742	29.64%	1.769%
81	15.474	2269	2276	2290	rVB3	2334762	3661301	87.12%	5.198%
82	15.715	2312	2317	2325	rVB3	356104	617663	14.70%	0.877%
83	15.839	2334	2338	2343	rVV	291675	420113	10.00%	0.596%
84	15.904	2343	2349	2355	rVB	1053007	1672686	39.80%	2.375%
85	16.351	2420	2425	2429	rBV	153442	284523	6.77%	0.404%
86	16.404	2429	2434	2442	rVB	478124	895789	21.31%	1.272%
87	16.939	2519	2525	2530	rBV	296892	659786	15.70%	0.937%
88	16.992	2530	2534	2540	rVB2	129674	258612	6.15%	0.367%
89	17.386	2596	2601	2609	rVB	200714	471950	11.23%	0.670%

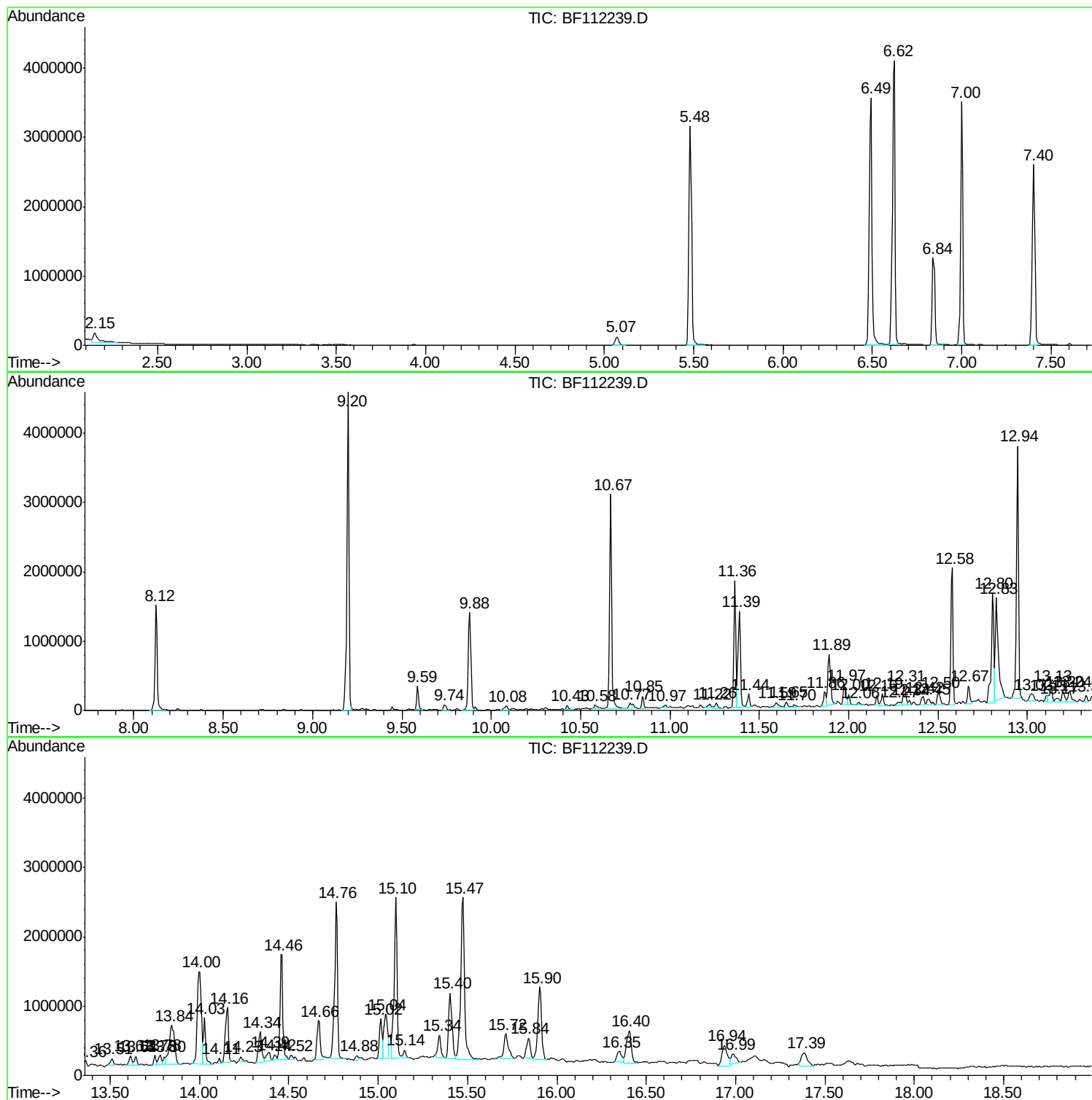
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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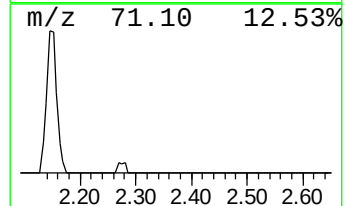
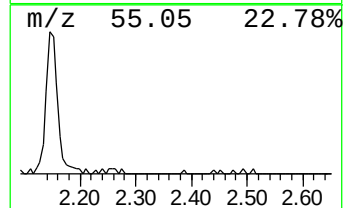
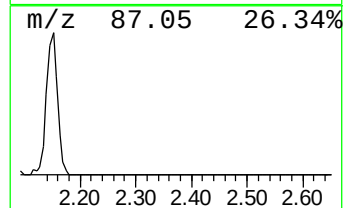
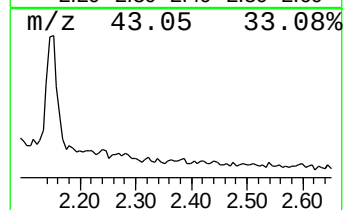
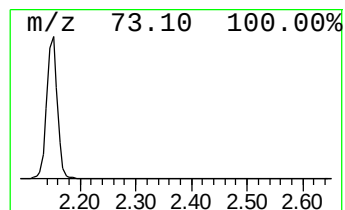
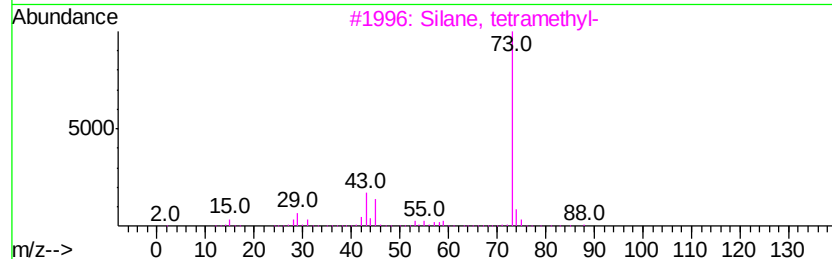
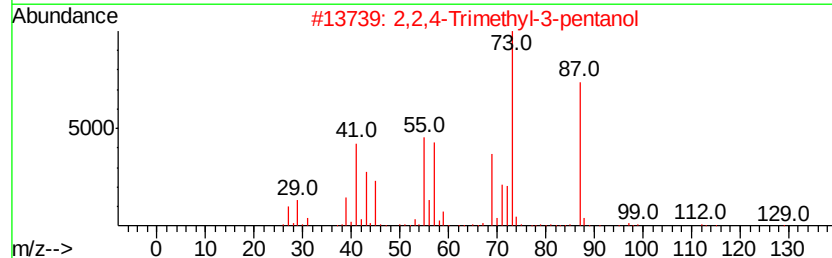
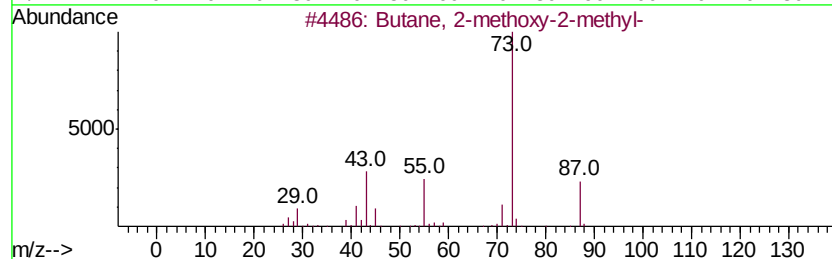
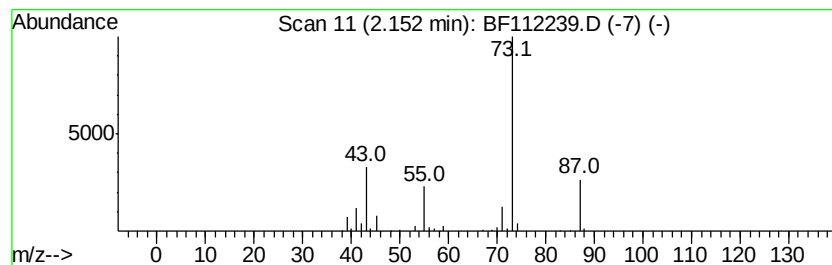
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	5.16 ng	292172	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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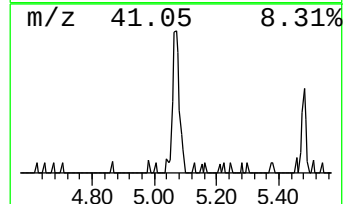
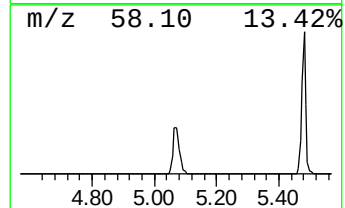
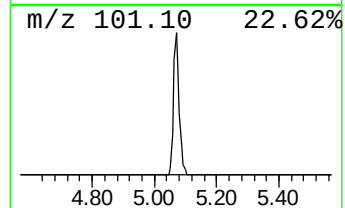
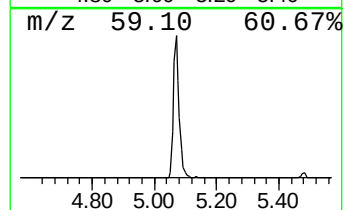
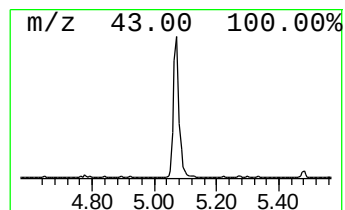
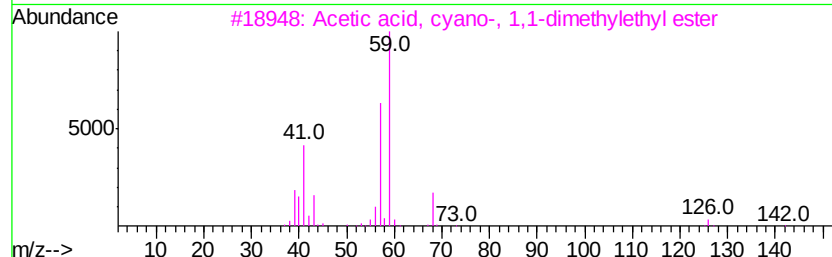
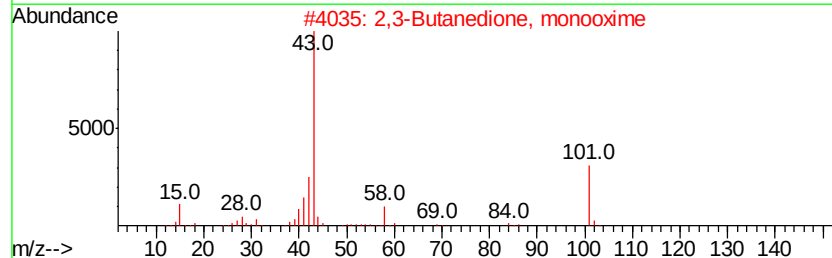
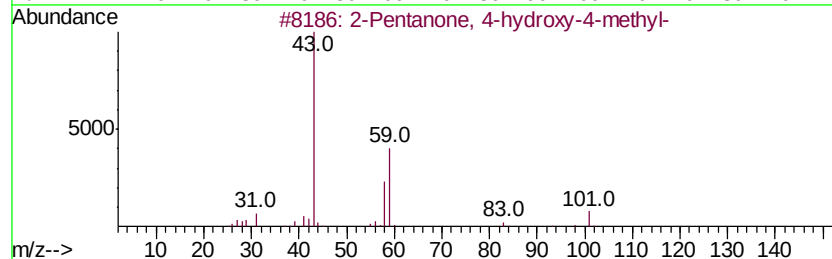
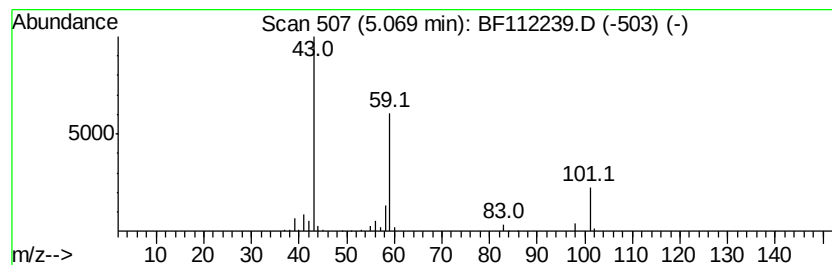
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	2.84 ng	160647	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		5-Hexen-2-one	98	C6H10O	000109-49-9	10
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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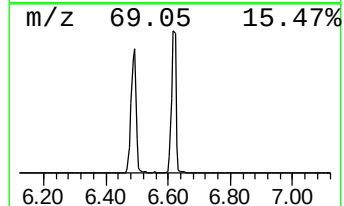
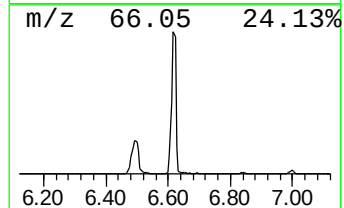
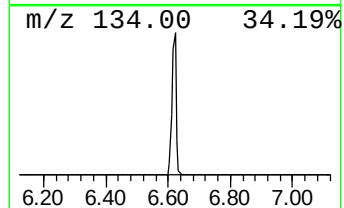
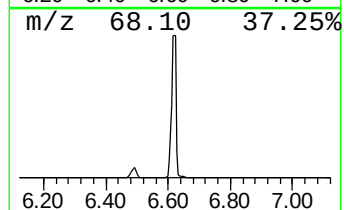
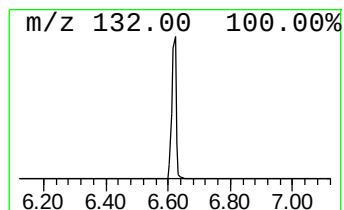
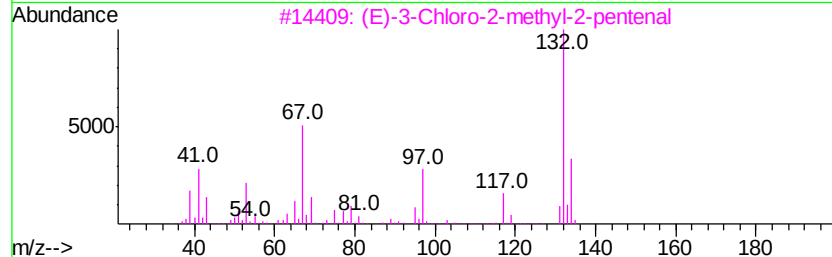
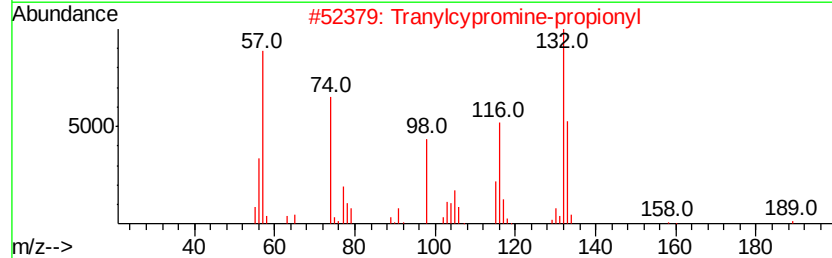
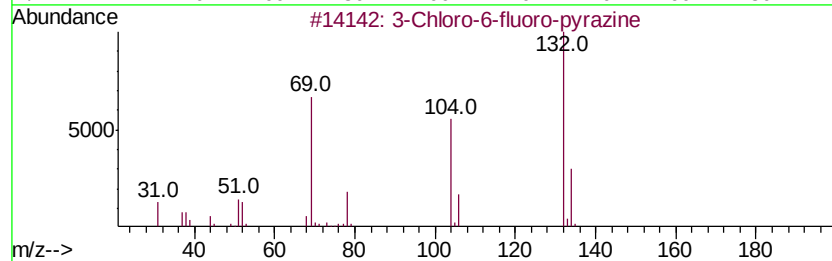
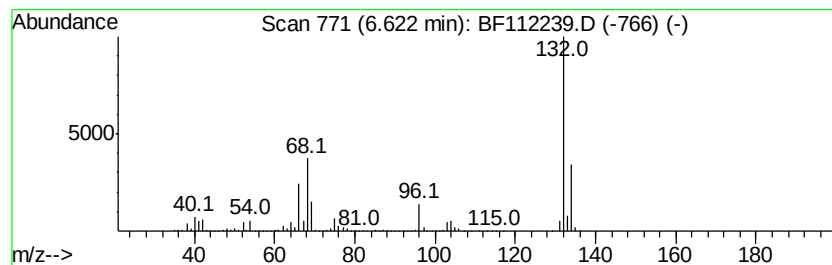
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	71.78 ng	4062620	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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RBR-200029

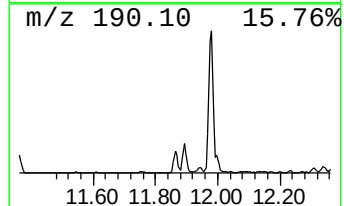
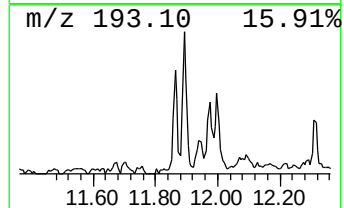
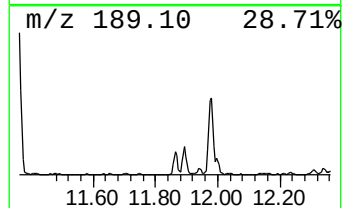
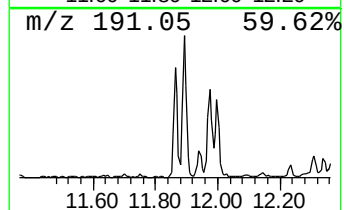
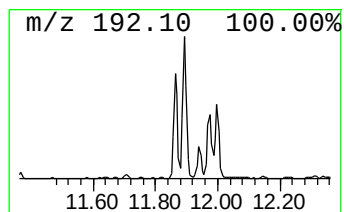
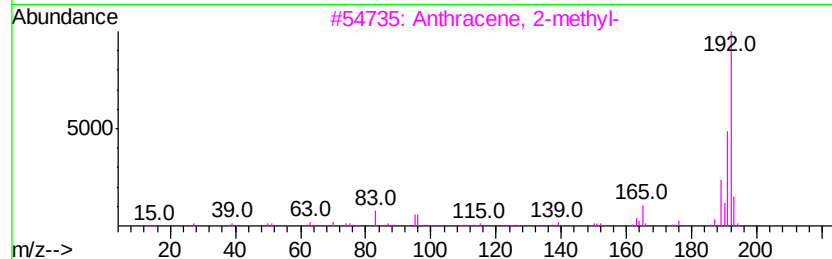
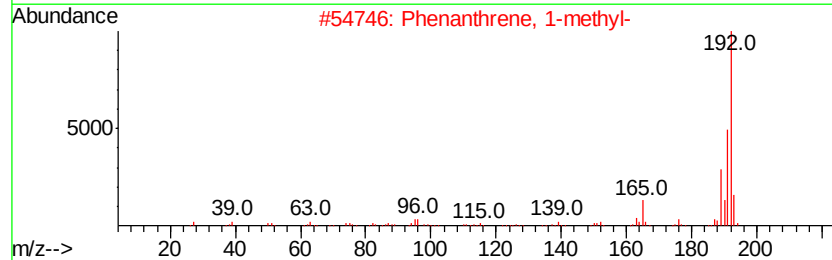
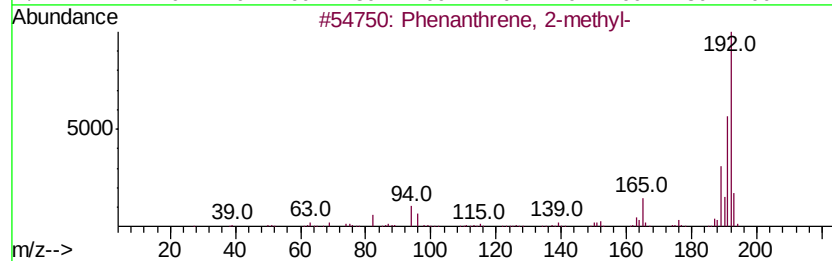
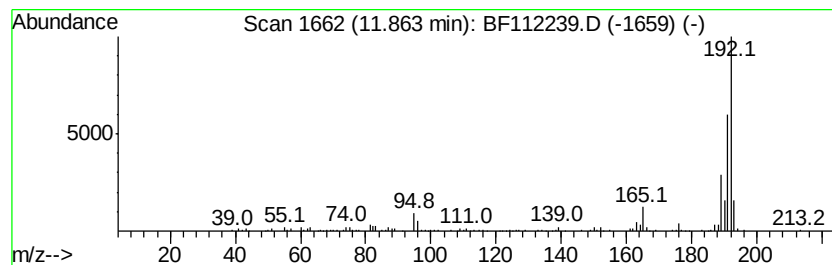
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.78 ng	218676	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112239.D
Acq On : 25 Jan 2019 18:37
Operator : JU/SJ
Sample : K1231-01
Misc :
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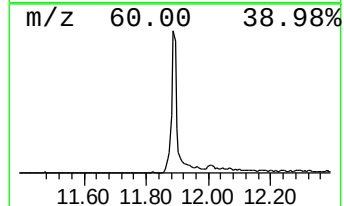
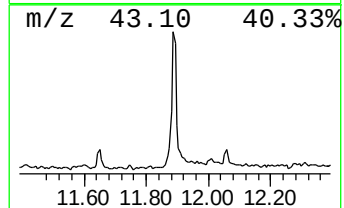
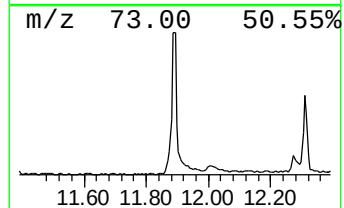
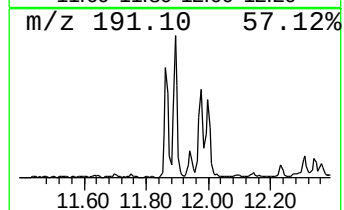
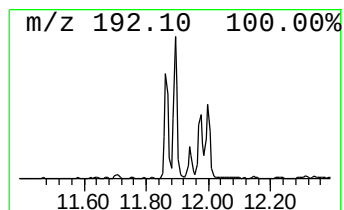
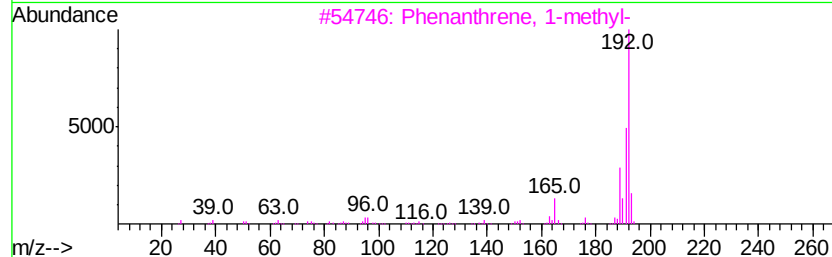
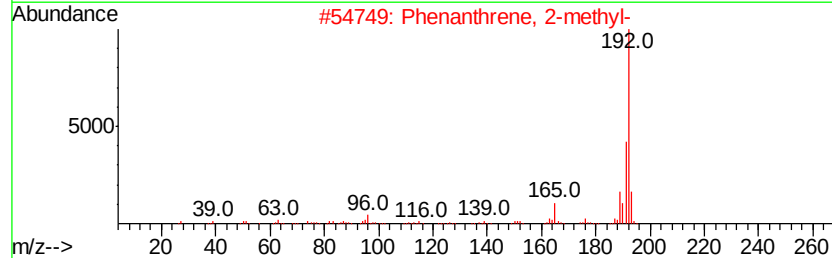
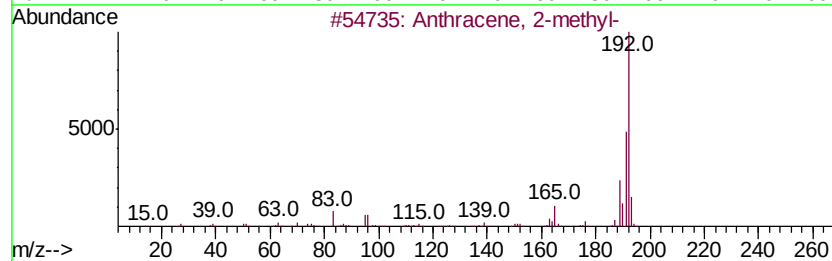
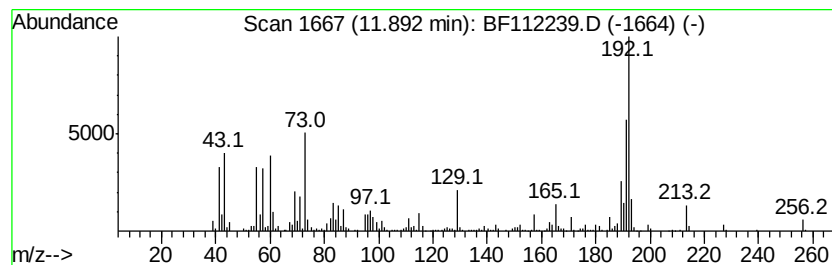
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.89	8.95 ng	704454	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112239.D
Acq On : 25 Jan 2019 18:37
Operator : JU/SJ
Sample : K1231-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
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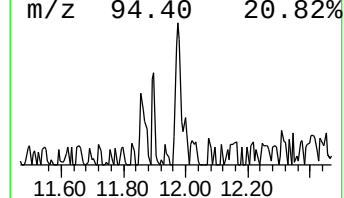
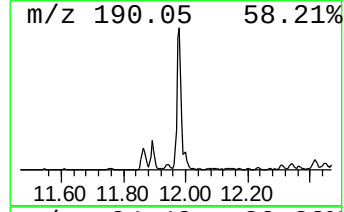
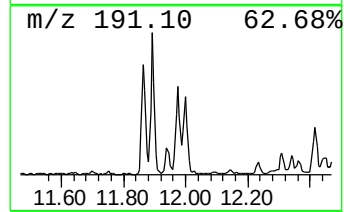
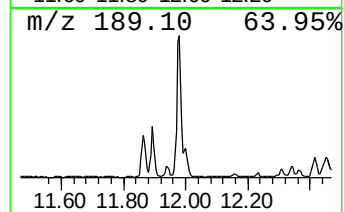
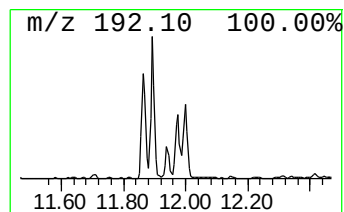
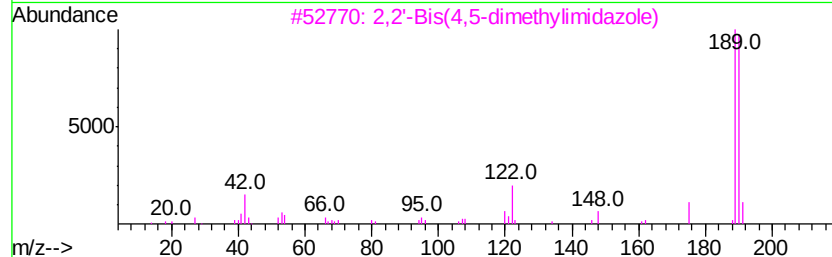
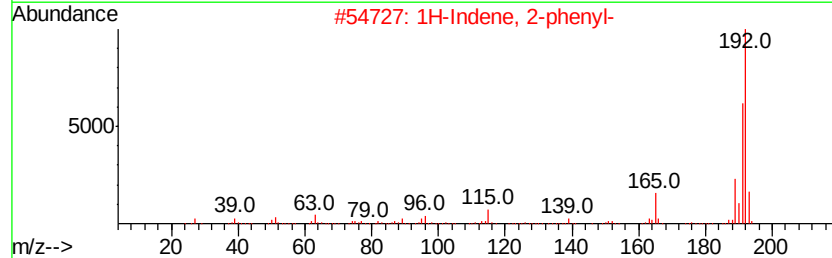
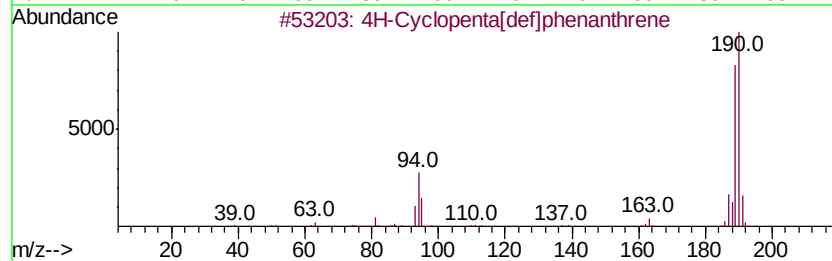
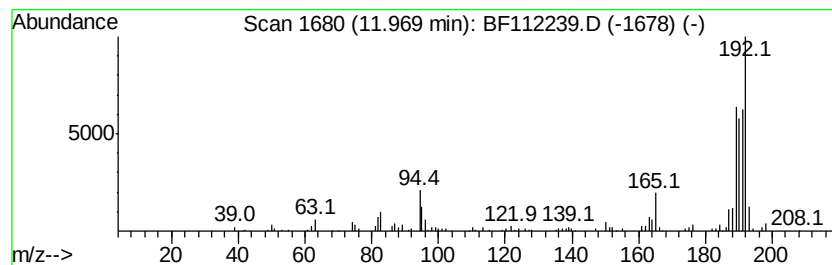
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	4.04 ng	318199	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4		1a,9b-Dihydro-1H-cyclopropa[alan...]	192	C15H12	006109-24-6	35
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112239.D
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Operator : JU/SJ
Sample : K1231-01
Misc :
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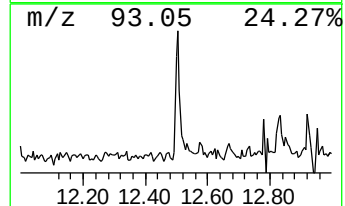
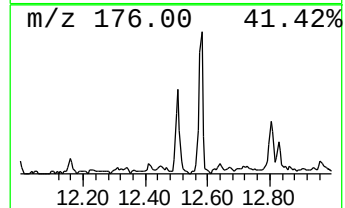
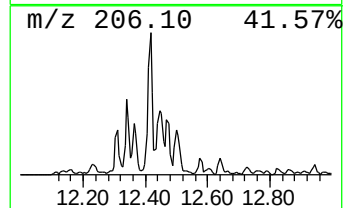
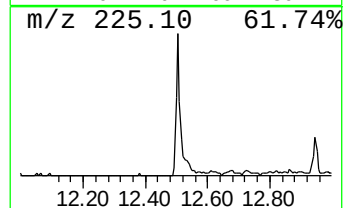
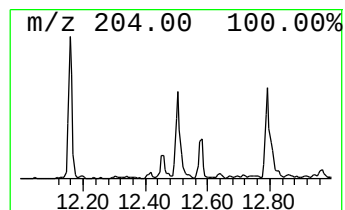
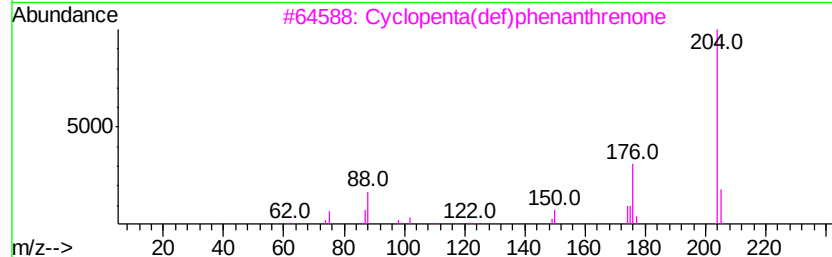
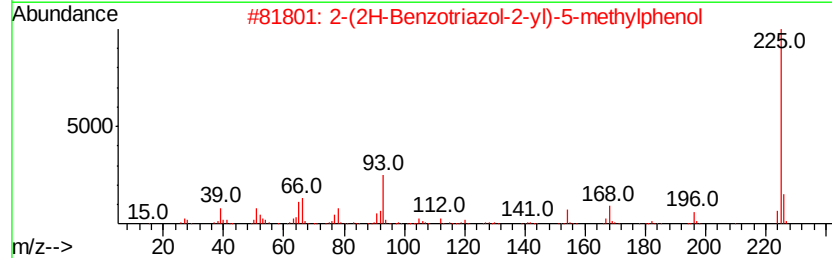
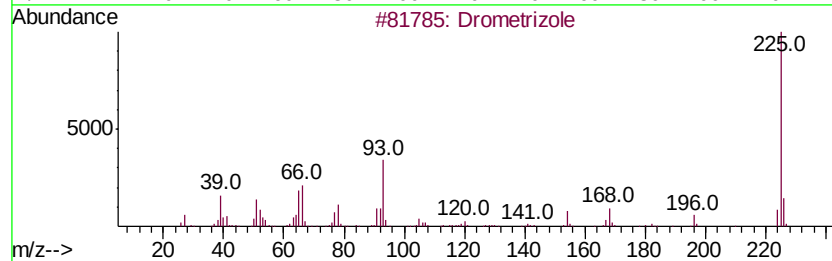
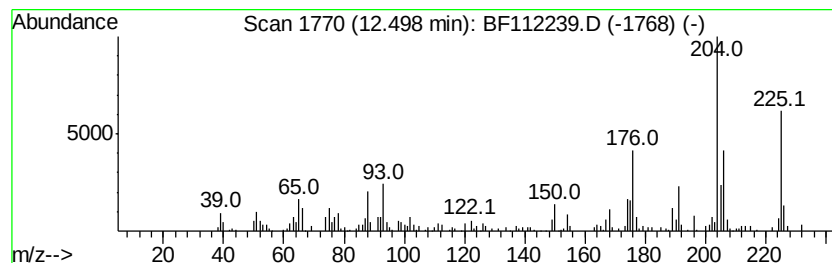
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Drometrizole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	2.52 ng	198283	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Drometrizole	225	C13H11N3O	002440-22-4	93
2	2-(2H-Benzotriazol-2-yl)-5-methy...	225	C13H11N3O	004998-48-5	72
3	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	70
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	27
5	[1,1'-Biphenyl-4-ol], 2-chloro-	204	C12H9ClO	023719-22-4	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
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Sample : K1231-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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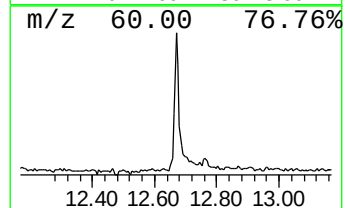
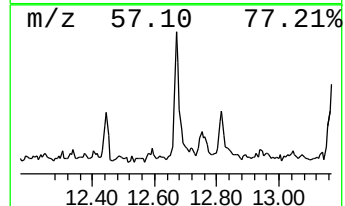
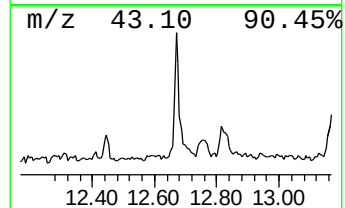
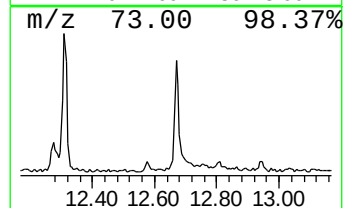
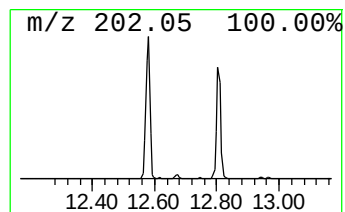
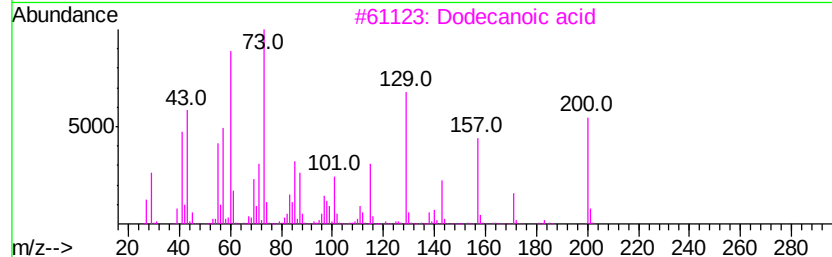
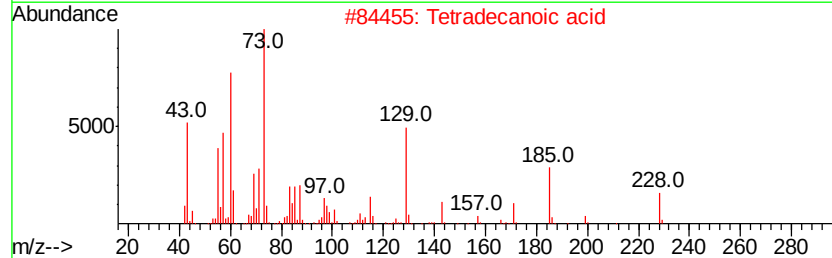
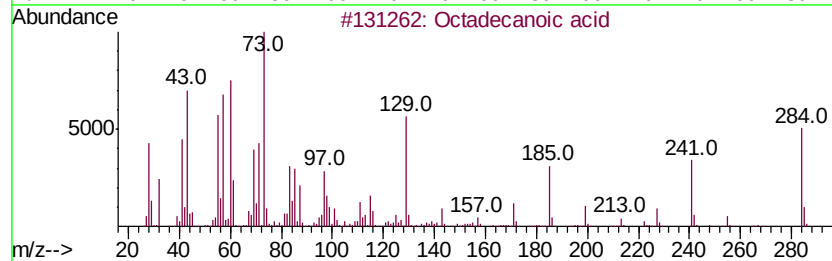
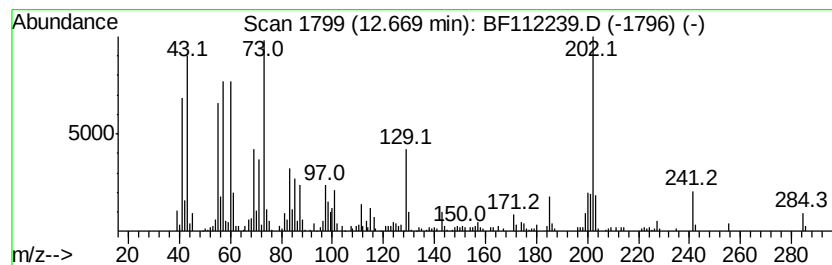
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	3.40 ng	268009	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	97
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3			Dodecanoic acid	200	C12H24O2	000143-07-7	78
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5			Tridecanoic acid	214	C13H26O2	000638-53-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112239.D
Acq On : 25 Jan 2019 18:37
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Sample : K1231-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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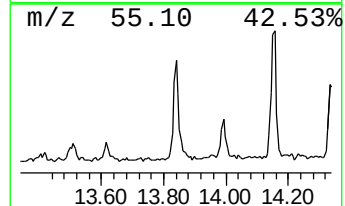
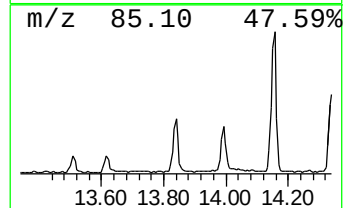
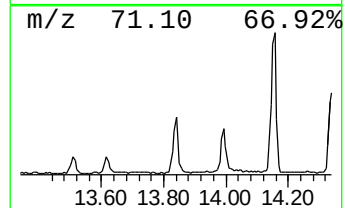
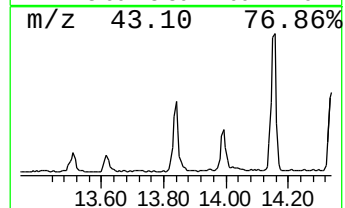
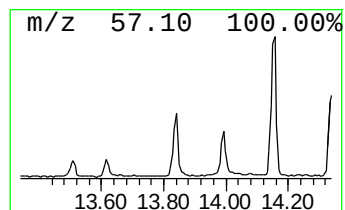
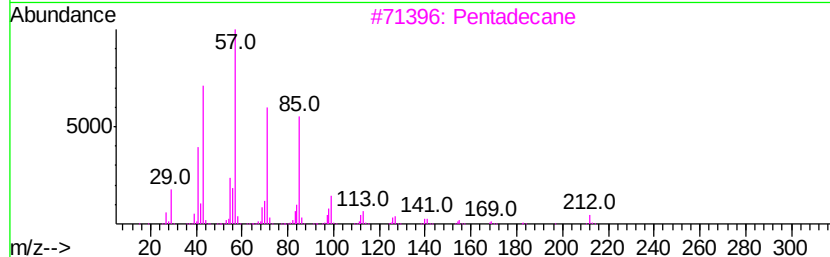
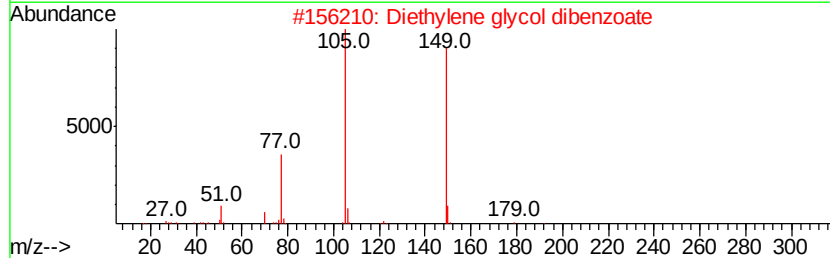
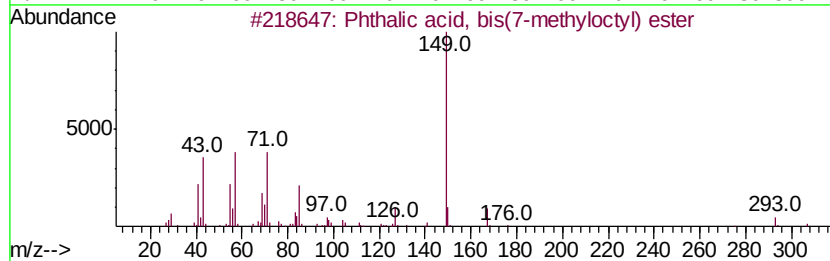
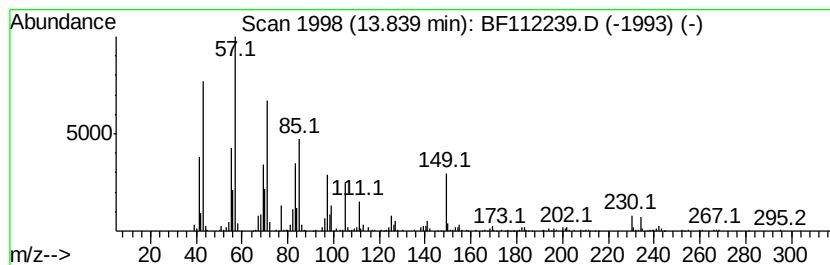
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown13.84 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	11.89 ng	1204540	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	46
2		Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	38
3		Pentadecane	212	C15H32	000629-62-9	25
4		Heptadecane	240	C17H36	000629-78-7	25
5		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
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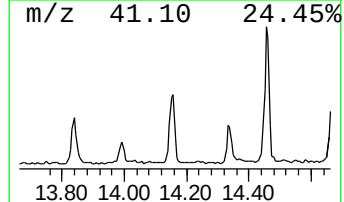
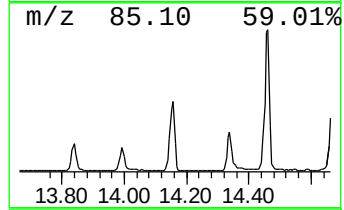
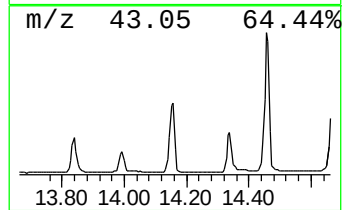
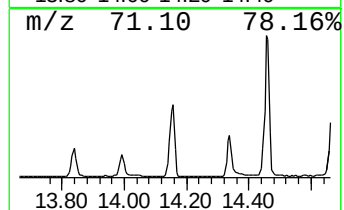
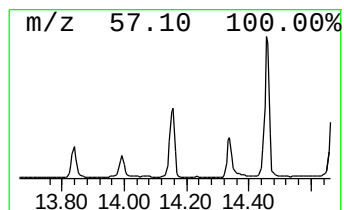
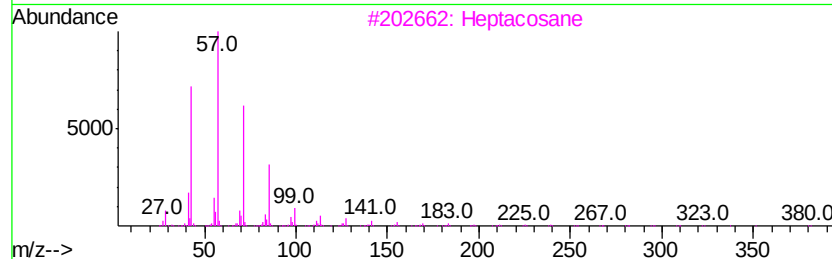
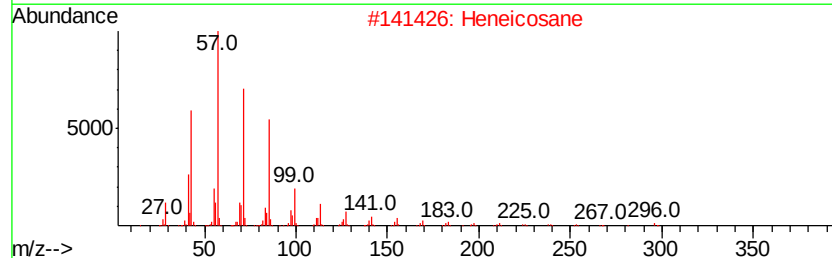
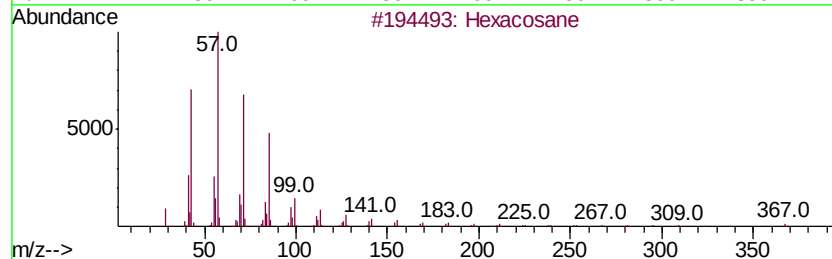
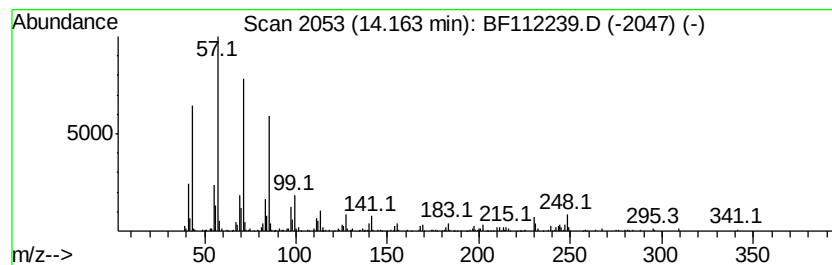
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 12 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	8.74 ng	885414	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112239.D
Acq On : 25 Jan 2019 18:37
Operator : JU/SJ
Sample : K1231-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
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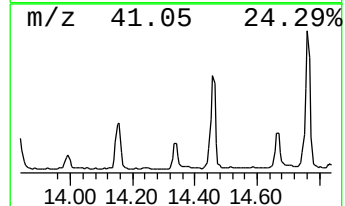
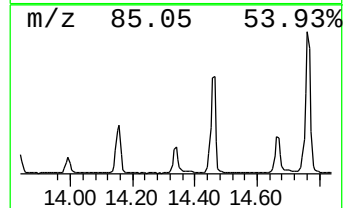
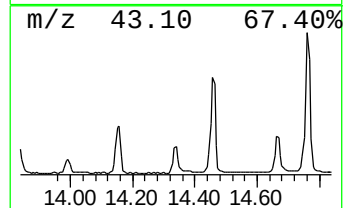
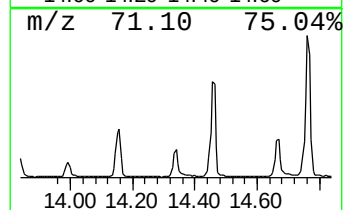
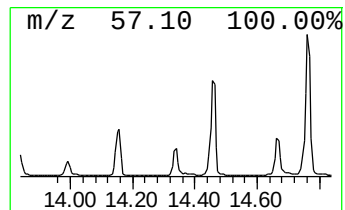
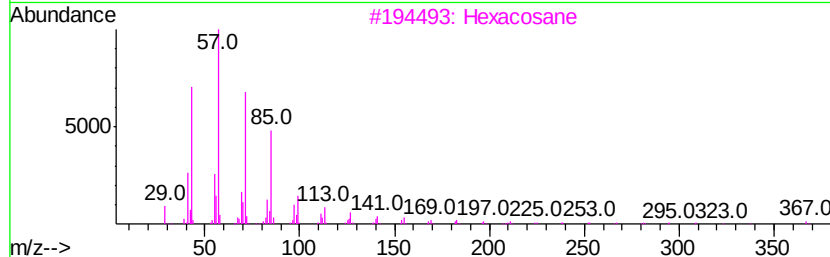
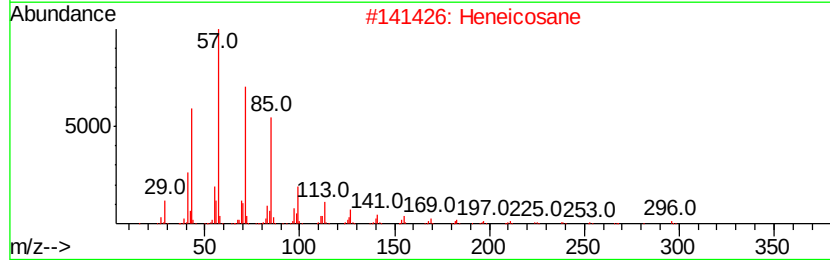
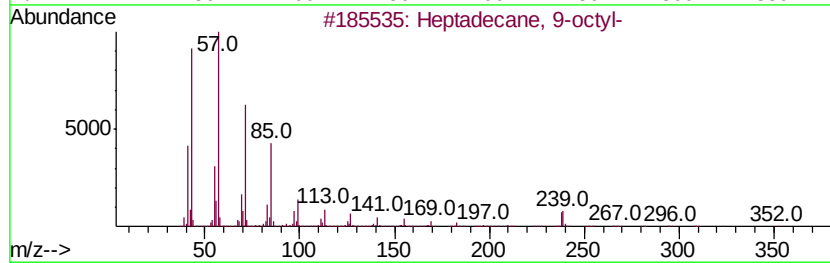
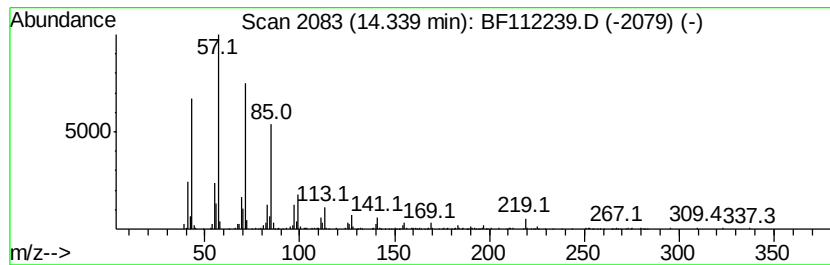
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane, 9-octyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	5.18 ng	524864	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112239.D
Acq On : 25 Jan 2019 18:37
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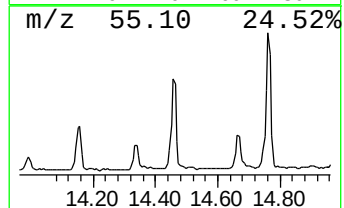
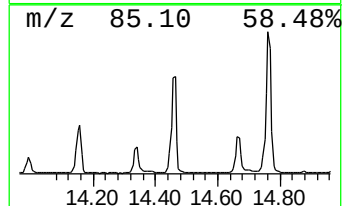
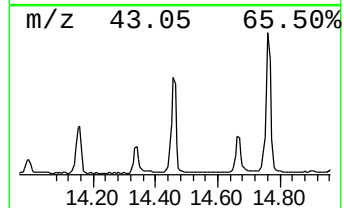
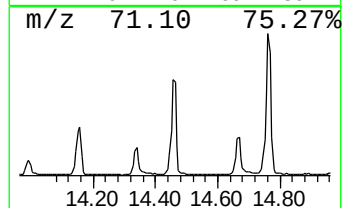
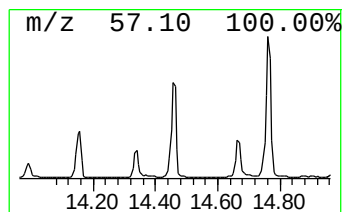
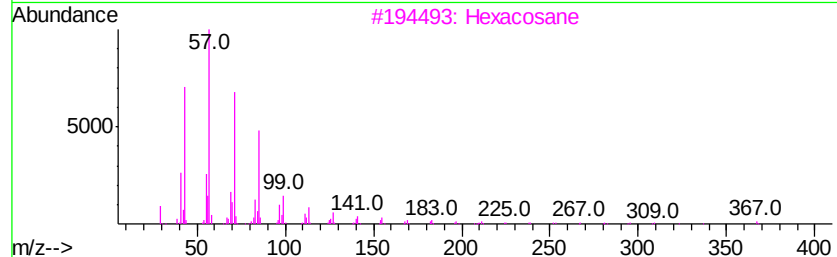
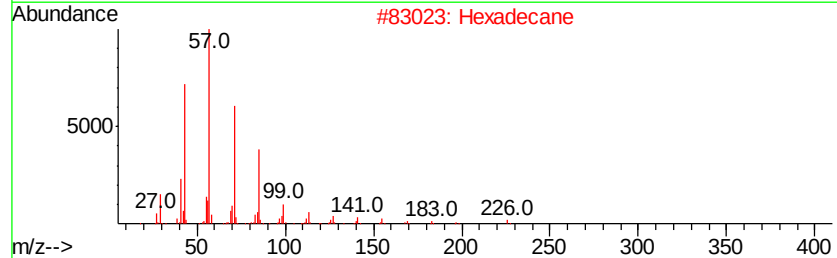
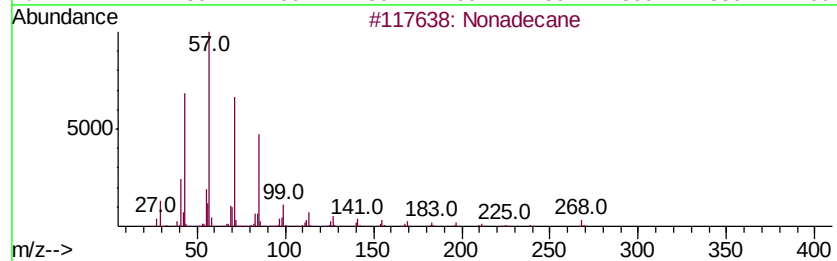
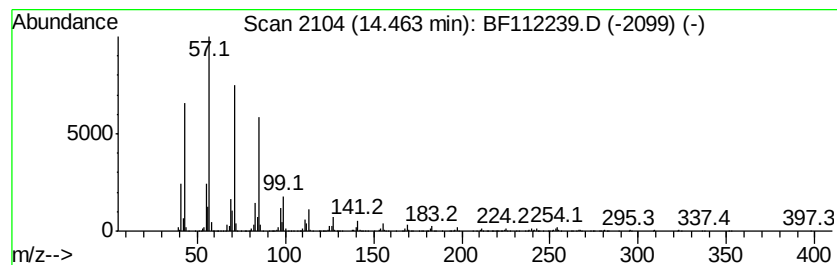
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	16.57 ng	1677790	Chrysene-d12	14.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	95
2			Hexadecane	226	C16H34	000544-76-3	94
3			Hexacosane	366	C26H54	000630-01-3	94
4			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112239.D
Acq On : 25 Jan 2019 18:37
Operator : JU/SJ
Sample : K1231-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

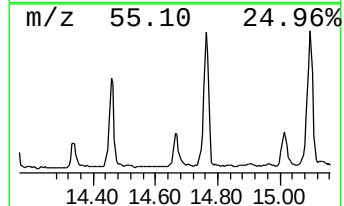
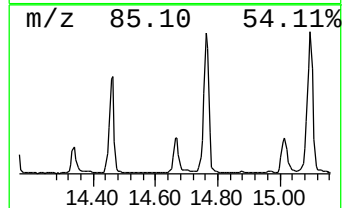
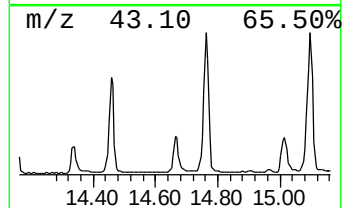
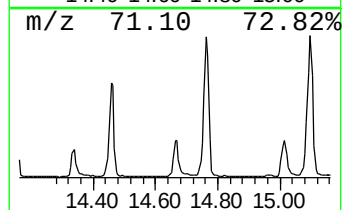
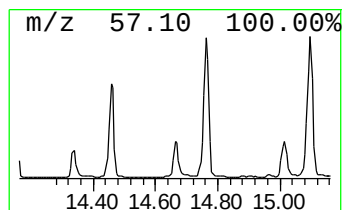
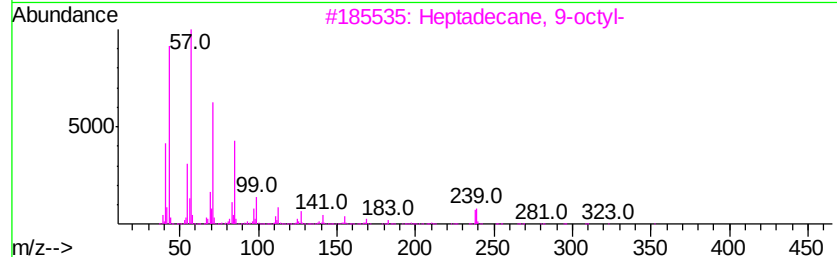
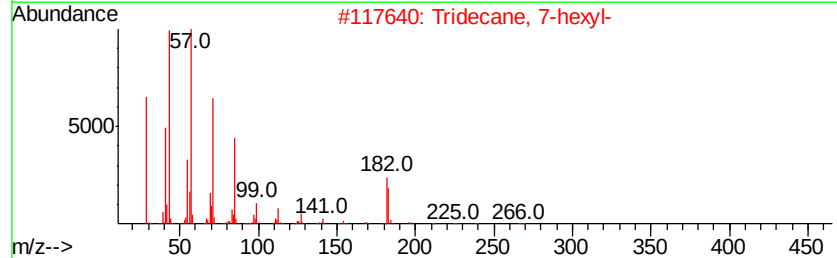
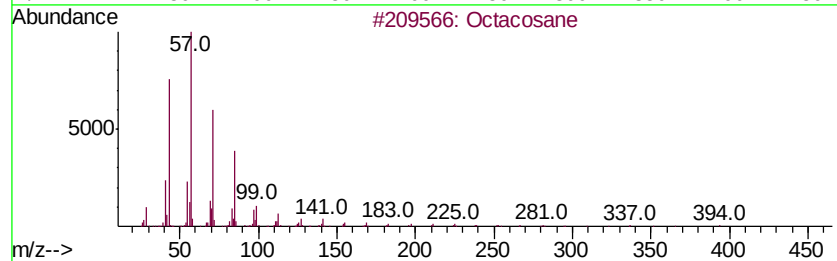
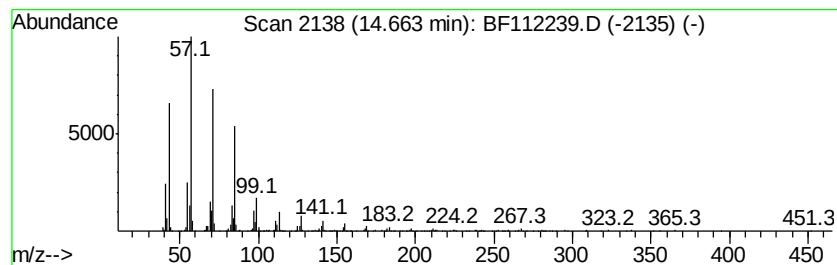
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	6.38 ng	645826	Chrysene-d12	14.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosane	394 C28H58	000630-02-4	98
2	Tridecane, 7-hexyl-	268 C19H40	007225-66-3	93
3	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
4	Heneicosane	296 C21H44	000629-94-7	91
5	Hexacosane	366 C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112239.D
Acq On : 25 Jan 2019 18:37
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Sample : K1231-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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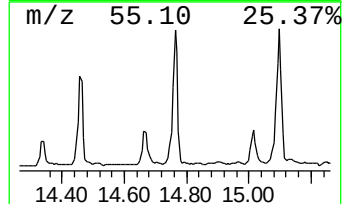
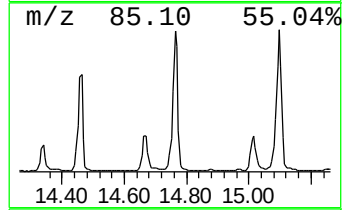
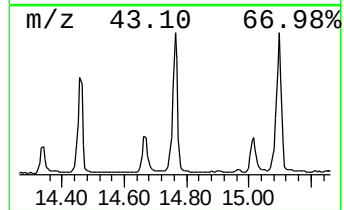
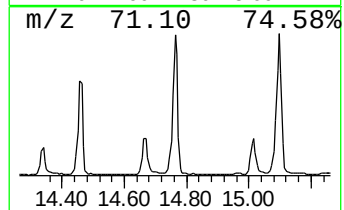
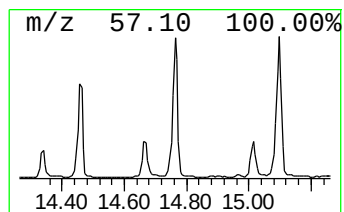
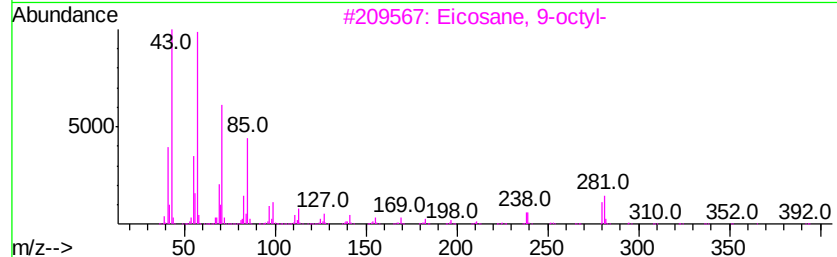
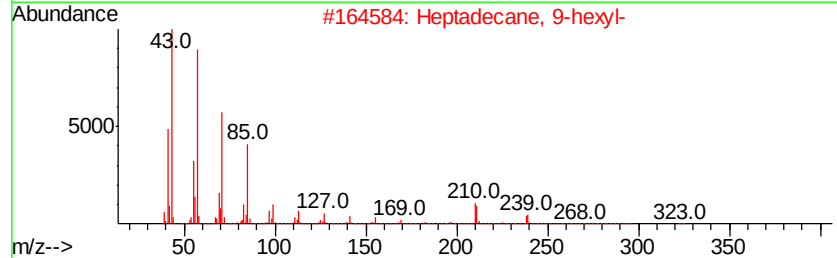
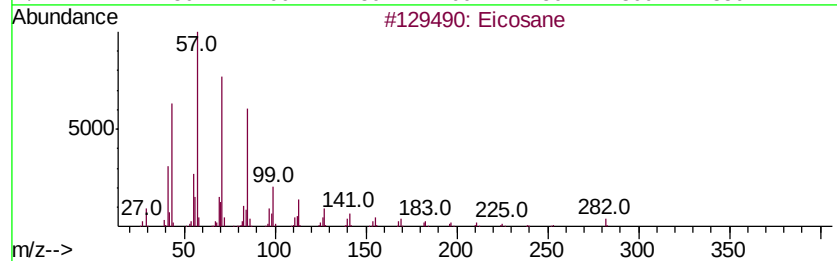
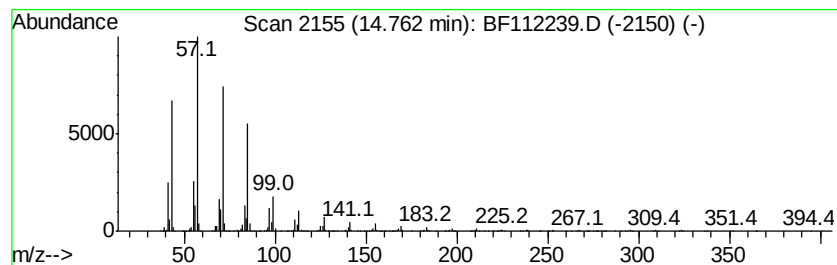
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	13.72 ng	2511930	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
3		Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
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Acq On : 25 Jan 2019 18:37
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Misc :
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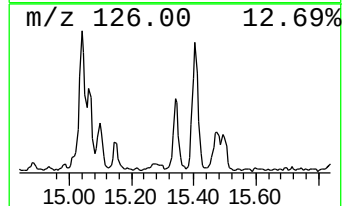
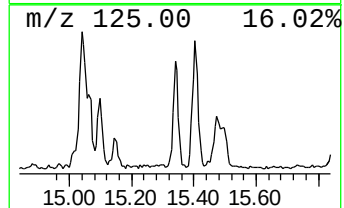
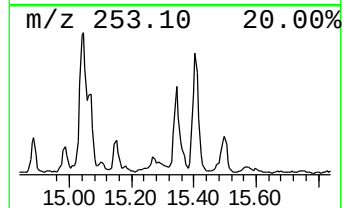
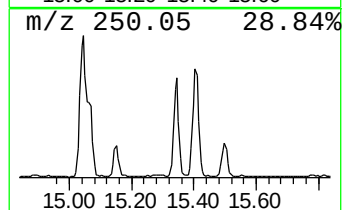
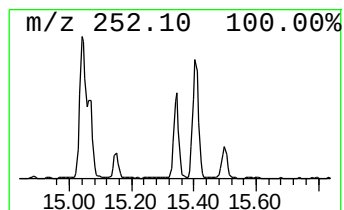
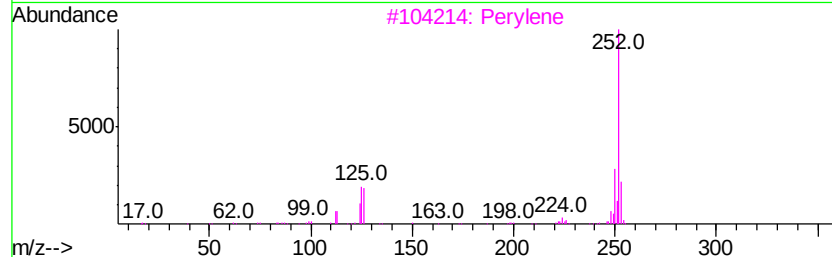
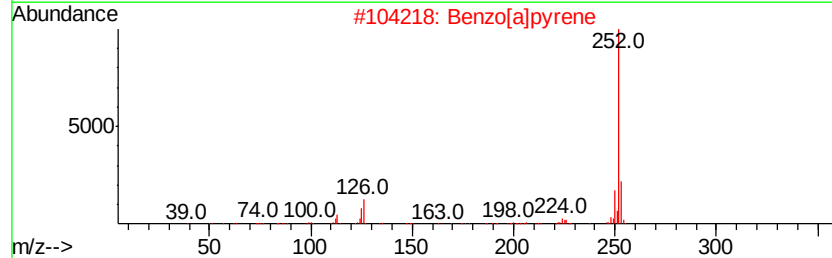
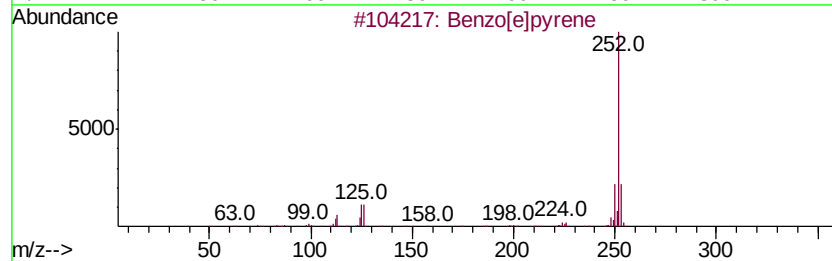
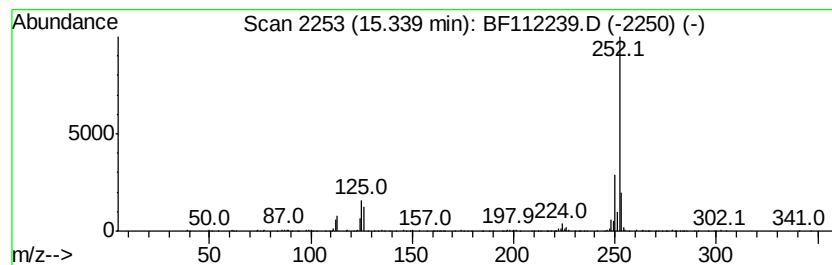
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	2.37 ng	434004	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Perylene	252	C20H12	000198-55-0	95
4			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112239.D
Acq On : 25 Jan 2019 18:37
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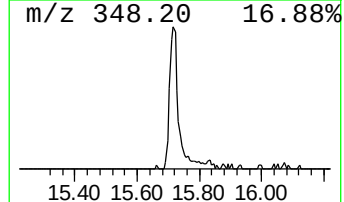
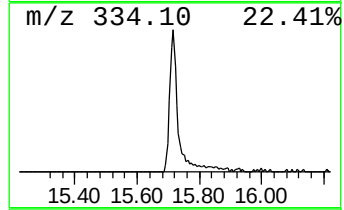
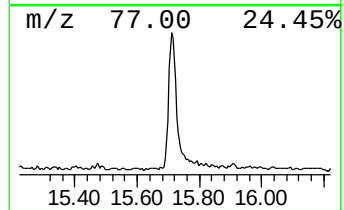
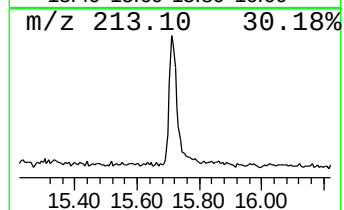
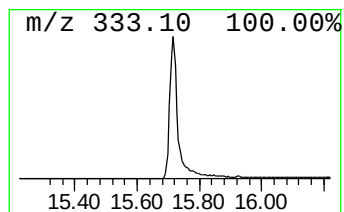
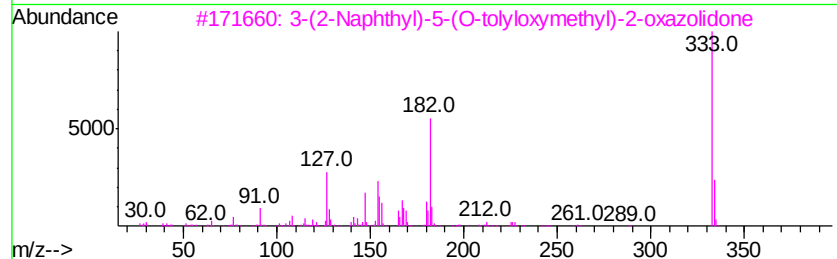
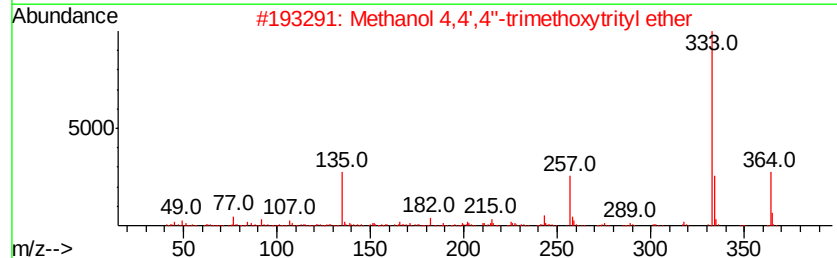
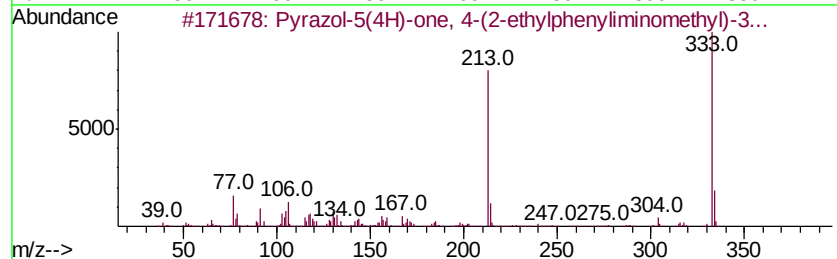
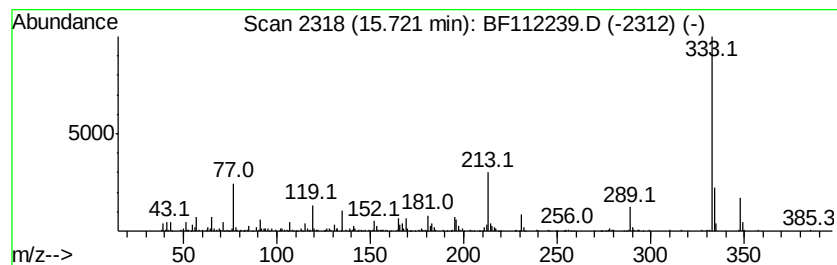
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pyrazol-5(4H)-one, 4-(2-eth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	3.37 ng	617663	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrazol-5(4H)-one, 4-(2-ethylphe...	333	C21H23N3O	1000265-26-9	50
2		Methanol 4,4',4''-trimethoxytrit...	364	C23H24O4	085013-34-9	50
3		3-(2-Naphthyl)-5-(O-tolylloxymeth...	333	C21H19N03	005500-57-2	47
4		2-[4-Chlorophenyl]-7,8-benzocinc...	333	C20H12ClN02	1000257-15-1	40
5		5-Chloro-4,6-dimethyl-2-(4-nitro...	333	C15H12ClN3O2S	1000296-70-7	33



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112239.D
Acq On : 25 Jan 2019 18:37
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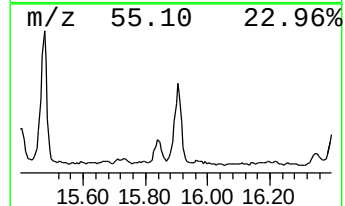
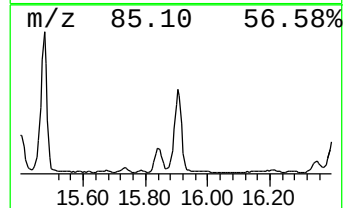
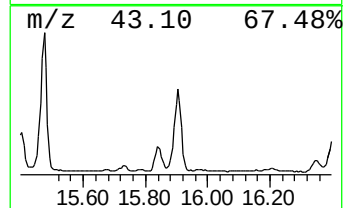
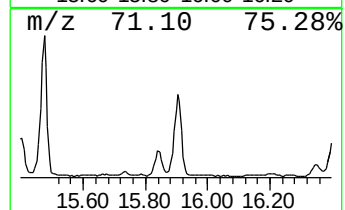
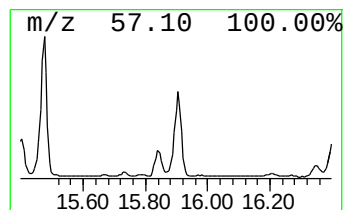
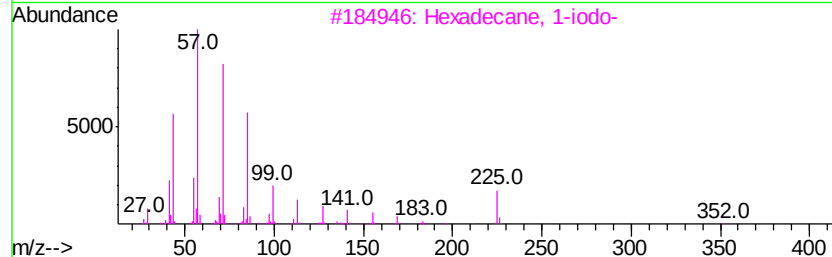
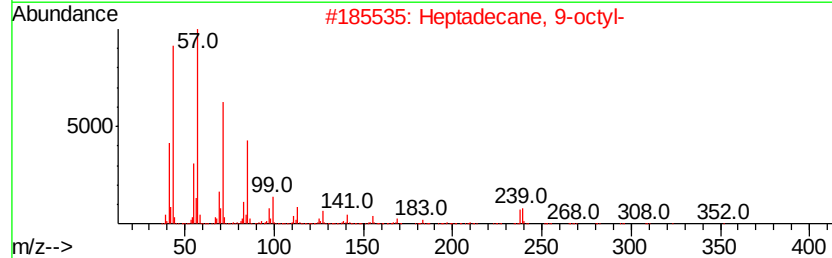
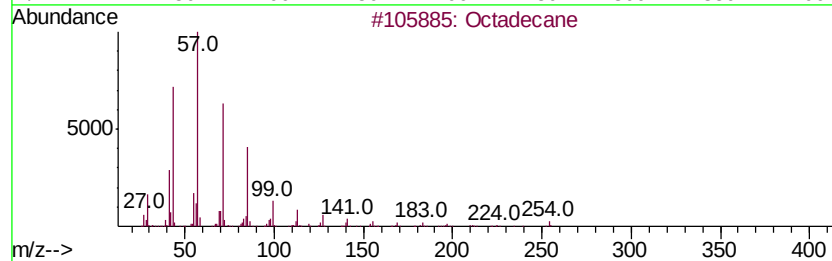
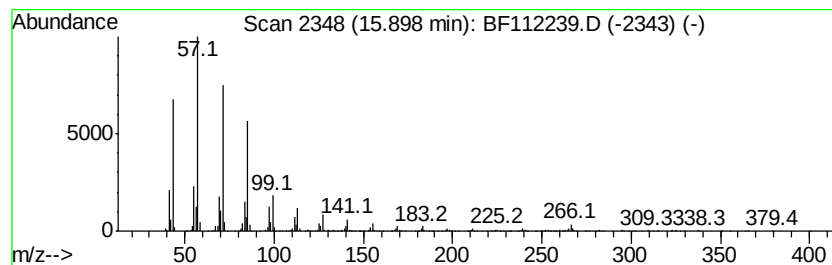
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	9.14 ng	1672690	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	94
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	94
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
 Data File : BF112239.D
 Acq On : 25 Jan 2019 18:37
 Operator : JU/SJ
 Sample : K1231-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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...	2.15	5.2	ng	292172	1	6.84	1131890	20.0
2-Pentanone, 4-hy...	5.07	2.8	ng	160647	1	6.84	1131890	20.0
unknown6.62	6.62	71.8	ng	4062620	1	6.84	1131890	20.0
Phenanthrene, 2-m...	11.86	2.8	ng	218676	4	11.36	1574660	20.0
Anthracene, 2-met...	11.89	8.9	ng	704454	4	11.36	1574660	20.0
4H-Cyclopenta[def...	11.97	4.0	ng	318199	4	11.36	1574660	20.0
Drometrizole	12.50	2.5	ng	198283	4	11.36	1574660	20.0
Octadecanoic acid	12.67	3.4	ng	268009	4	11.36	1574660	20.0
unknown13.84	13.84	11.9	ng	1204540	5	14.00	2025330	20.0
Hexacosane	14.16	8.7	ng	885414	5	14.00	2025330	20.0
Heptadecane, 9-oc...	14.34	5.2	ng	524864	5	14.00	2025330	20.0
Nonadecane	14.46	16.6	ng	1677790	5	14.00	2025330	20.0
Octacosane	14.66	6.4	ng	645826	5	14.00	2025330	20.0
Eicosane	14.76	13.7	ng	2511930	6	15.47	3661300	20.0
Benzo[e]pyrene	15.34	2.4	ng	434004	6	15.47	3661300	20.0
Pyrazol-5(4H)-one...	15.72	3.4	ng	617663	6	15.47	3661300	20.0
Octadecane	15.90	9.1	ng	1672690	6	15.47	3661300	20.0