

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112719\
 Data File : BF118038.D
 Acq On : 27 Nov 2019 14:04
 Operator : JU
 Sample : K5973-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-2

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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	2.134	3	8	17	rVB	427933	549903	18.42%	0.915%
2	5.081	505	509	524	rBV	335215	436660	14.63%	0.727%
3	5.493	575	579	600	rVB	2185395	2254097	75.52%	3.751%
4	6.504	747	751	764	rVB	2290506	2367340	79.31%	3.939%
5	6.651	772	776	779	rBV	2969159	2504965	83.92%	4.168%
6	6.881	811	815	819	rBV	1079259	824833	27.63%	1.372%
7	7.040	838	842	845	rBV	2475537	2019290	67.65%	3.360%
8	7.439	906	910	914	rBV	1583320	1515753	50.78%	2.522%
9	8.169	1030	1034	1037	rBV	1280252	1075873	36.04%	1.790%
10	8.981	1169	1172	1176	rVB	54426	43617	1.46%	0.073%
11	9.245	1213	1217	1220	rBV	3665599	2984243	99.98%	4.965%
12	9.586	1271	1275	1277	rBV	57269	56136	1.88%	0.093%
13	9.639	1281	1284	1288	rVB	609319	460673	15.43%	0.767%
14	9.786	1307	1309	1313	rBV	62207	56367	1.89%	0.094%
15	9.933	1330	1334	1337	rBV	1337832	1202811	40.30%	2.001%
16	9.963	1337	1339	1342	rVB	237916	174184	5.84%	0.290%
17	10.133	1362	1368	1372	rBV	139853	139526	4.67%	0.232%
18	10.480	1423	1427	1430	rBV	162079	150986	5.06%	0.251%
19	10.545	1431	1438	1440	rBV2	43410	64789	2.17%	0.108%
20	10.639	1451	1454	1457	rVB	61153	60078	2.01%	0.100%
21	10.722	1464	1468	1472	rBV	2356895	2001033	67.04%	3.329%
22	10.845	1483	1489	1496	rVB6	47271	69024	2.31%	0.115%
23	11.028	1513	1520	1523	rBV4	49783	87028	2.92%	0.145%
24	11.080	1527	1529	1533	rVB3	67441	64686	2.17%	0.108%
25	11.157	1538	1542	1544	rBV3	41138	43804	1.47%	0.073%
26	11.227	1550	1554	1557	rVB	143170	134454	4.50%	0.224%
27	11.280	1557	1563	1567	rBV3	101580	141742	4.75%	0.236%
28	11.316	1567	1569	1575	rVB	122156	125516	4.21%	0.209%
29	11.422	1584	1587	1589	rBV	1330017	1232693	41.30%	2.051%
30	11.451	1589	1592	1595	rVV	2316689	1968417	65.95%	3.275%
31	11.498	1597	1600	1603	rVV	376625	316122	10.59%	0.526%
32	11.527	1603	1605	1609	rVB2	49676	56066	1.88%	0.093%
33	11.651	1620	1626	1629	rBV2	241723	259069	8.68%	0.431%
34	11.716	1634	1637	1640	rVV2	68304	66676	2.23%	0.111%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.757	1640	1644	1648	rVB3	53411	56768	1.90%	0.094%
36	11.927	1669	1673	1674	rBV	341104	304686	10.21%	0.507%
37	11.957	1674	1678	1681	rVV	1931941	2064105	69.15%	3.434%
38	11.980	1681	1682	1684	rVV	154212	123894	4.15%	0.206%
39	11.998	1684	1685	1688	rVV	127165	112533	3.77%	0.187%
40	12.039	1688	1692	1694	rVV2	390535	421702	14.13%	0.702%
41	12.063	1694	1696	1699	rVB	203401	162228	5.43%	0.270%
42	12.104	1699	1703	1705	rBV3	37060	53823	1.80%	0.090%
43	12.127	1705	1707	1710	rVB3	40848	42128	1.41%	0.070%
44	12.222	1720	1723	1725	rBV	222595	167587	5.61%	0.279%
45	12.245	1725	1727	1731	rVB	324113	258339	8.65%	0.430%
46	12.374	1746	1749	1751	rVV2	94613	83175	2.79%	0.138%
47	12.404	1751	1754	1756	rVV	58884	51855	1.74%	0.086%
48	12.427	1756	1758	1760	rVB	60554	47015	1.58%	0.078%
49	12.480	1760	1767	1770	rBV3	207664	284175	9.52%	0.473%
50	12.516	1770	1773	1775	rVV2	105996	132513	4.44%	0.220%
51	12.563	1778	1781	1786	rVB	181446	185173	6.20%	0.308%
52	12.645	1791	1795	1798	rBV	2886631	2503530	83.87%	4.166%
53	12.704	1803	1805	1807	rVV2	58912	57592	1.93%	0.096%
54	12.739	1807	1811	1814	rVV	932150	962591	32.25%	1.602%
55	12.792	1818	1820	1823	rVB	91306	88500	2.96%	0.147%
56	12.874	1828	1834	1839	rVV	2438341	2650575	88.80%	4.410%
57	12.922	1839	1842	1846	rVB2	128069	162541	5.45%	0.270%
58	13.016	1854	1858	1865	rVB	3115747	2984910	100.00%	4.967%
59	13.086	1865	1870	1874	rBV2	176986	299270	10.03%	0.498%
60	13.174	1882	1885	1887	rBV4	121157	149882	5.02%	0.249%
61	13.198	1887	1889	1892	rVB	276594	251321	8.42%	0.418%
62	13.239	1892	1896	1898	rBV3	56147	78371	2.63%	0.130%
63	13.269	1898	1901	1903	rVB2	123869	97105	3.25%	0.162%
64	13.304	1903	1907	1910	rBV2	266757	284494	9.53%	0.473%
65	13.333	1910	1912	1914	rVB	60595	49319	1.65%	0.082%
66	13.398	1920	1923	1925	rBV	143006	110204	3.69%	0.183%
67	13.427	1925	1928	1931	rBV2	137718	120058	4.02%	0.200%
68	13.486	1935	1938	1940	rBV4	75942	78406	2.63%	0.130%
69	13.586	1950	1955	1957	rBV3	102588	138860	4.65%	0.231%
70	13.710	1973	1976	1980	rVB	244819	234782	7.87%	0.391%
71	13.821	1991	1995	1998	rBV2	206113	274469	9.20%	0.457%

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72	13.851	1998	2000	2002	rVV	221584	186589	6.25%	0.310%
73	13.874	2002	2004	2008	rVV2	180350	263974	8.84%	0.439%
74	13.916	2008	2011	2017	rVB2	527510	568777	19.06%	0.946%
75	14.068	2030	2037	2040	rBV3	1623007	2536871	84.99%	4.221%
76	14.098	2040	2042	2050	rVB	1136948	1138546	38.14%	1.894%
77	14.180	2053	2056	2058	rVV	129129	93781	3.14%	0.156%
78	14.233	2061	2065	2068	rVV2	275427	296614	9.94%	0.494%
79	14.298	2072	2076	2079	rBV2	116469	161930	5.42%	0.269%
80	14.327	2079	2081	2084	rVB2	65729	62965	2.11%	0.105%
81	14.463	2101	2104	2107	rVB	235410	205311	6.88%	0.342%
82	14.498	2107	2110	2113	rVV2	144857	144107	4.83%	0.240%
83	14.539	2113	2117	2122	rVV3	596127	671333	22.49%	1.117%
84	14.586	2122	2125	2127	rVV	151799	146433	4.91%	0.244%
85	14.610	2127	2129	2132	rVB2	109228	90711	3.04%	0.151%
86	14.704	2142	2145	2149	rVB2	69920	91934	3.08%	0.153%
87	14.768	2154	2156	2159	rVB2	64911	67791	2.27%	0.113%
88	14.851	2166	2170	2174	rBV	820660	919558	30.81%	1.530%
89	15.133	2213	2218	2221	rBV	988786	1538191	51.53%	2.559%
90	15.204	2225	2230	2234	rVV	1104623	1303471	43.67%	2.169%
91	15.239	2234	2236	2240	rVB	179051	181193	6.07%	0.301%
92	15.445	2267	2271	2277	rVB	632305	834834	27.97%	1.389%
93	15.510	2277	2282	2288	rVB	877444	1044523	34.99%	1.738%
94	15.574	2288	2293	2295	rBV	912338	1319328	44.20%	2.195%
95	15.598	2295	2297	2305	rVB2	1101063	1379353	46.21%	2.295%
96	16.051	2368	2374	2381	rVB	631721	1031100	34.54%	1.716%
97	16.574	2458	2463	2469	rVB	309732	518175	17.36%	0.862%
98	17.092	2544	2551	2559	rVB2	428598	853490	28.59%	1.420%
99	17.268	2578	2581	2586	rVB	69167	112058	3.75%	0.186%
100	17.545	2622	2628	2639	rVB	316868	700372	23.46%	1.165%

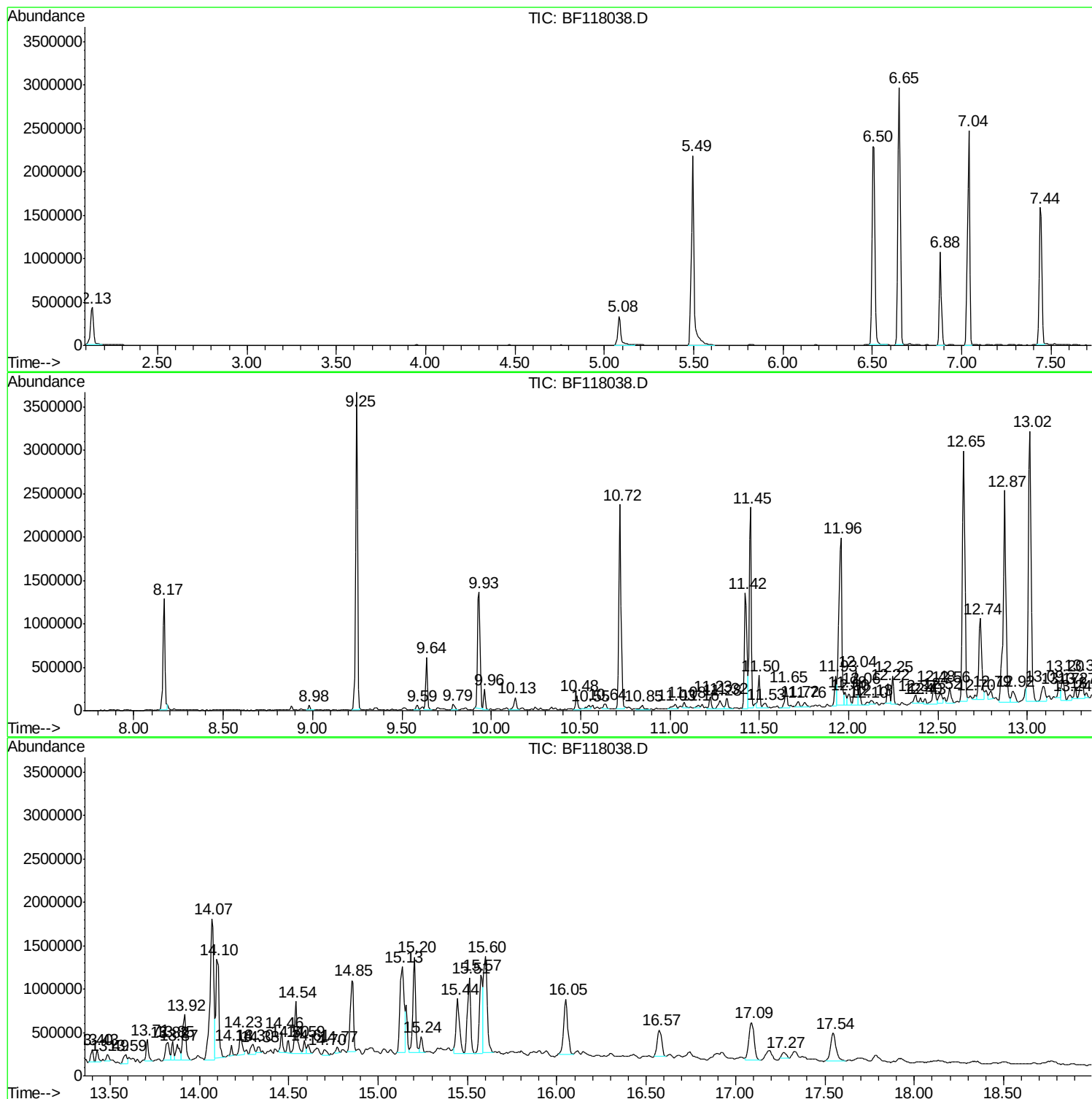
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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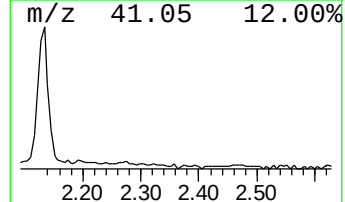
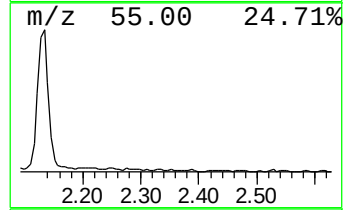
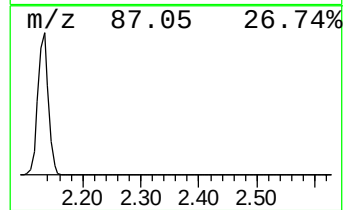
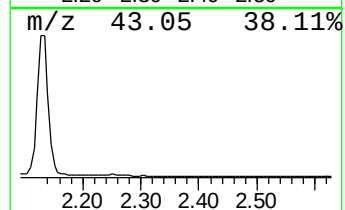
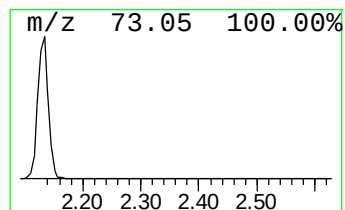
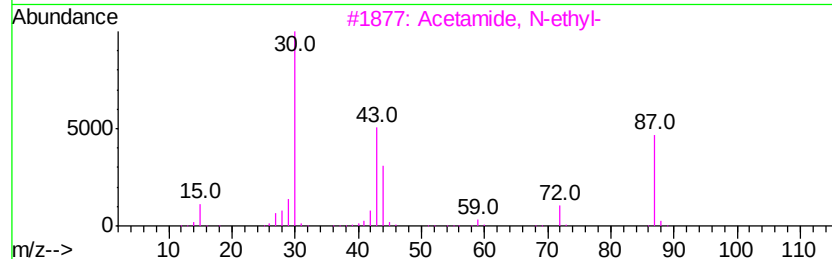
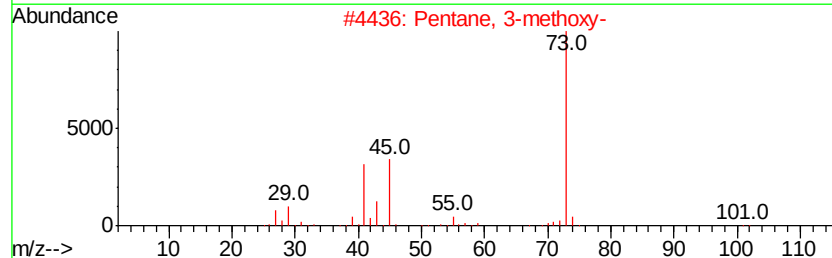
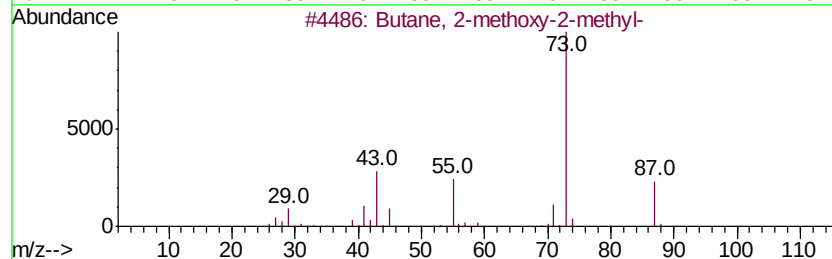
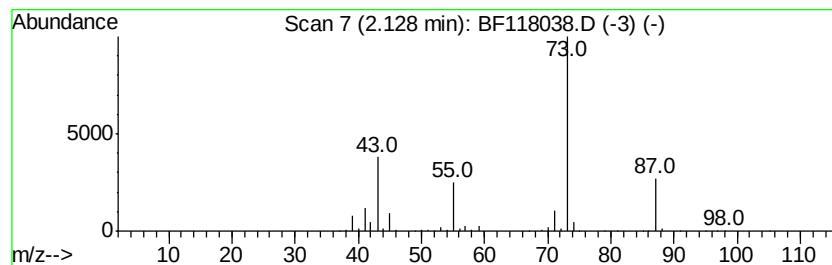
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	13.33 ng	549903	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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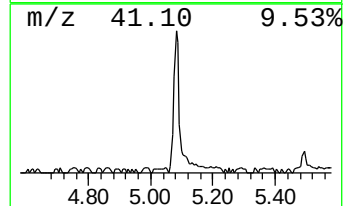
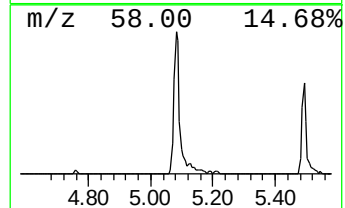
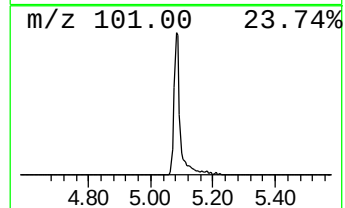
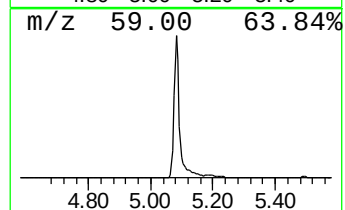
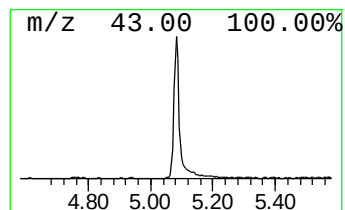
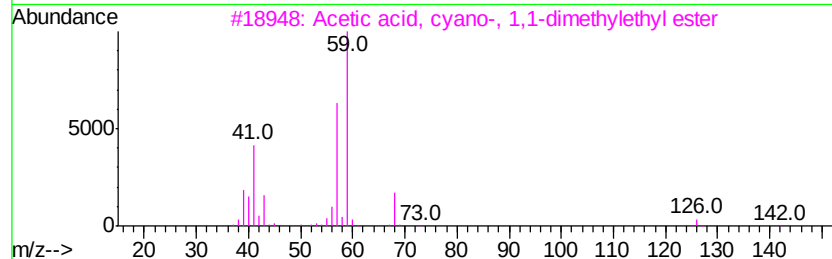
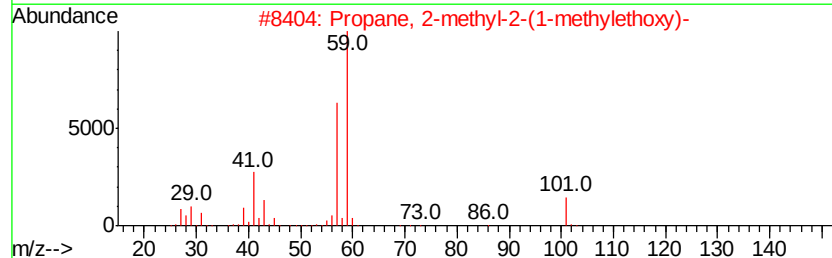
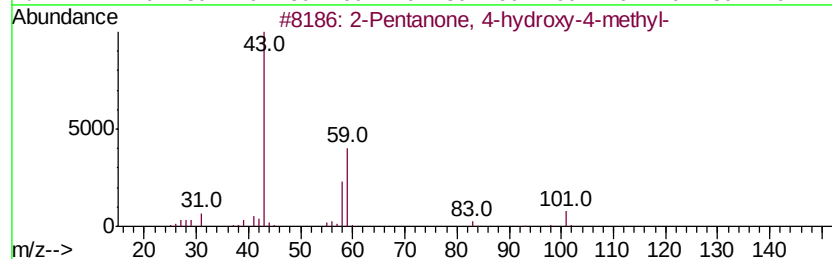
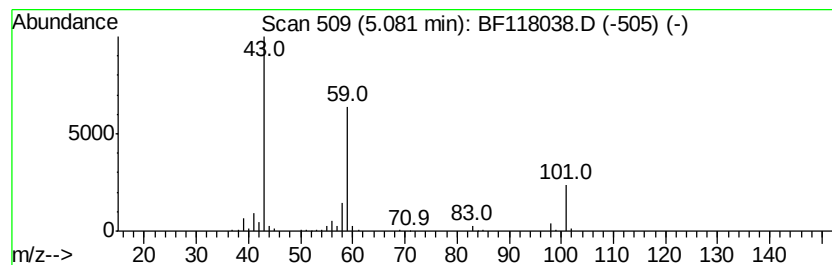
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	10.59 ng	436660	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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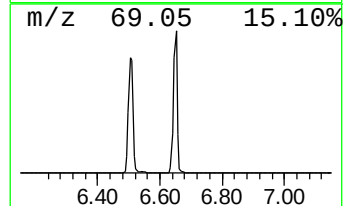
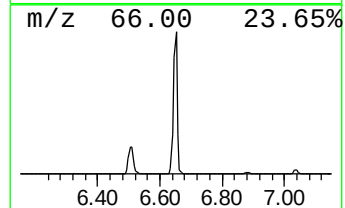
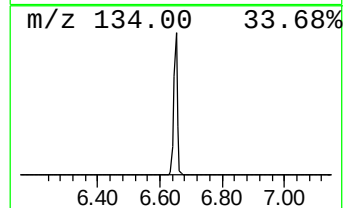
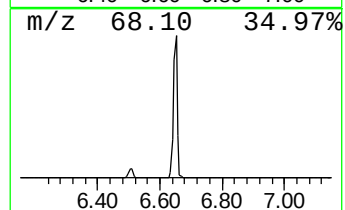
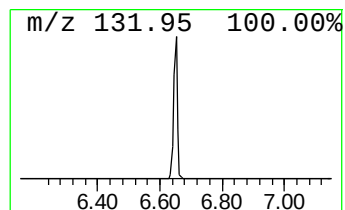
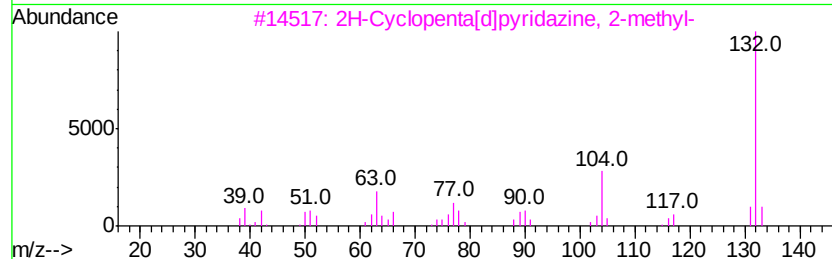
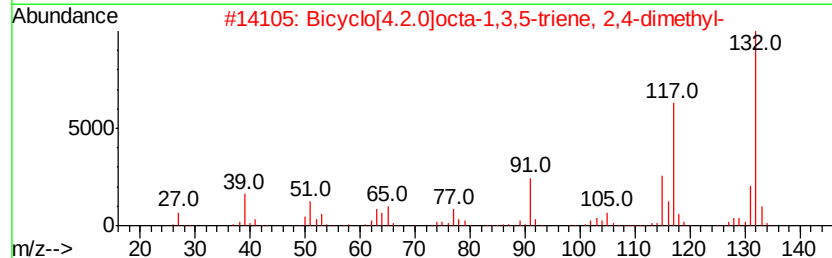
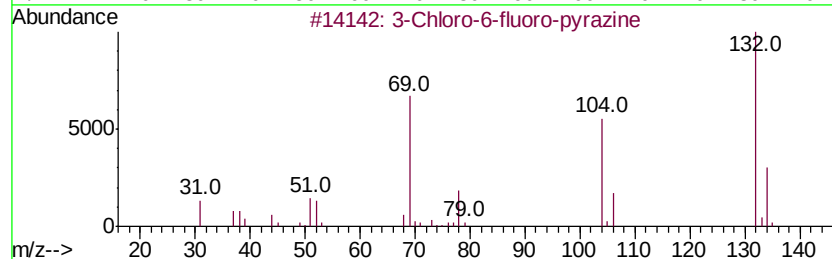
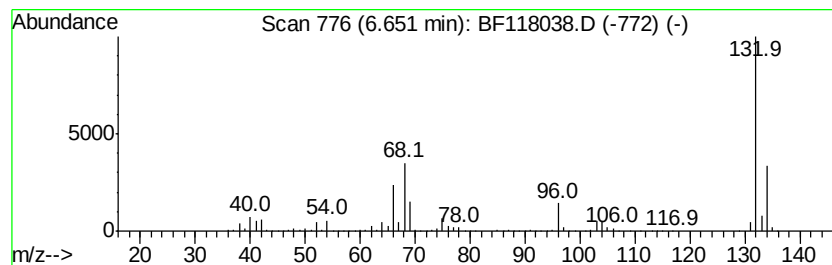
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	60.74 ng	2504970	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		Xenon	132	Xe	007440-63-3	9
5		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9



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Acq On : 27 Nov 2019 14:04
Operator : JU
Sample : K5973-04
Misc :
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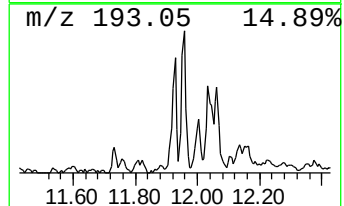
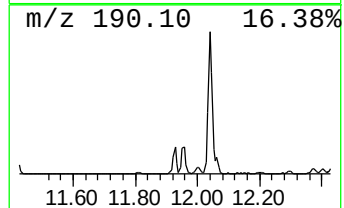
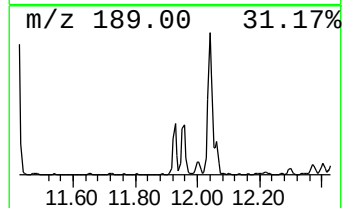
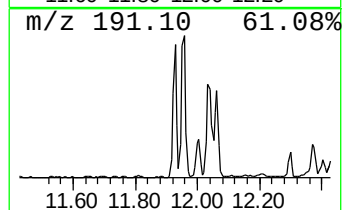
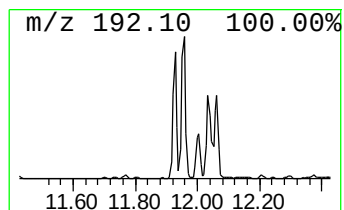
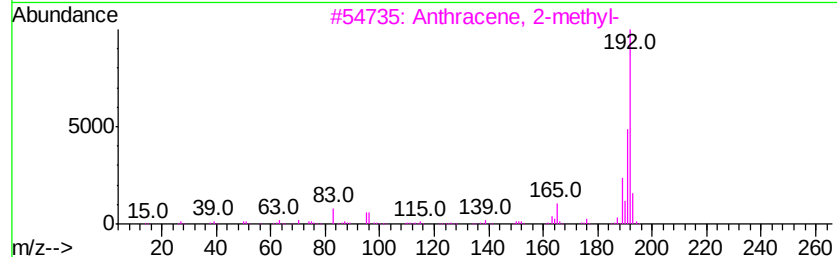
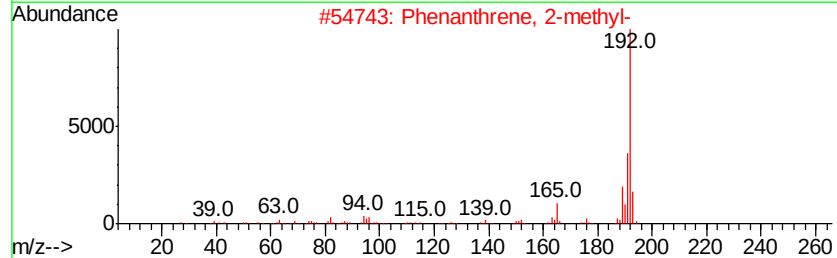
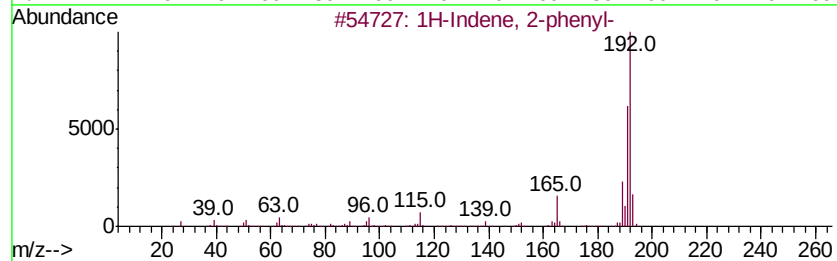
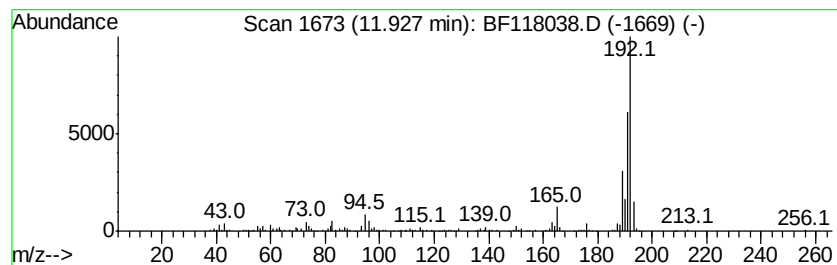
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1H-Indene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.93	4.94 ng	304686	Phenanthrene-d10		11.42
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118038.D
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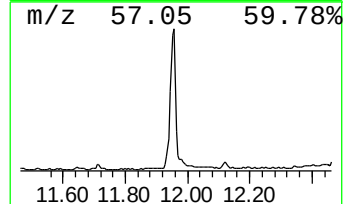
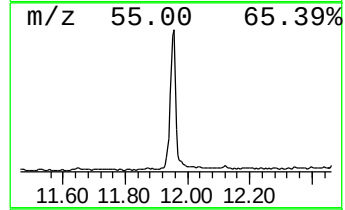
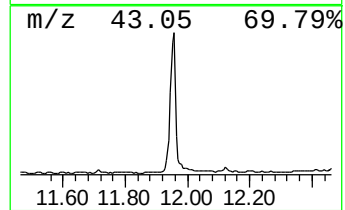
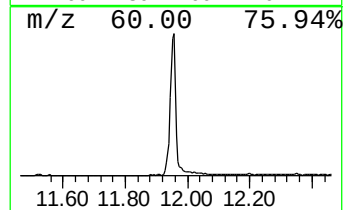
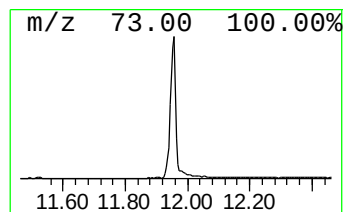
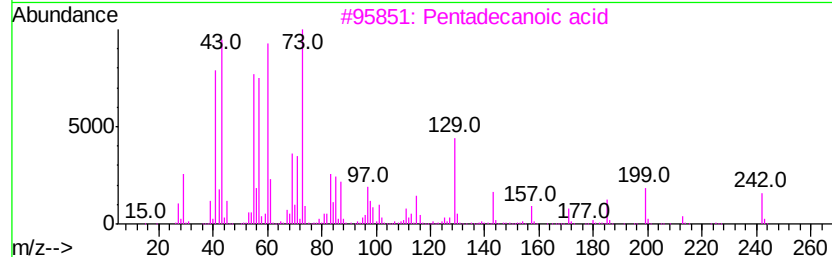
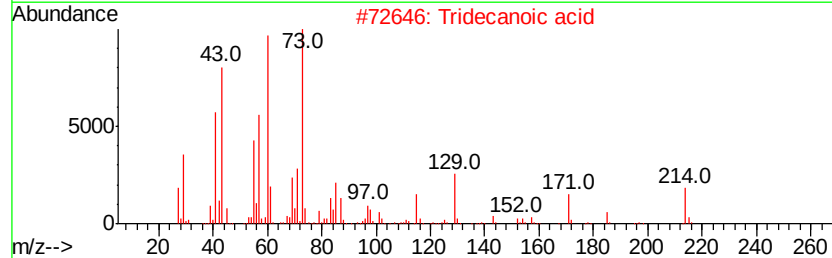
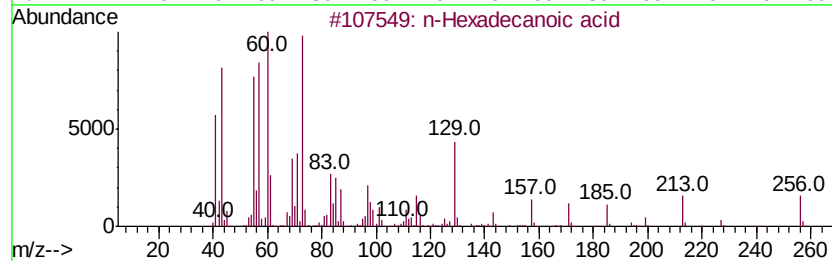
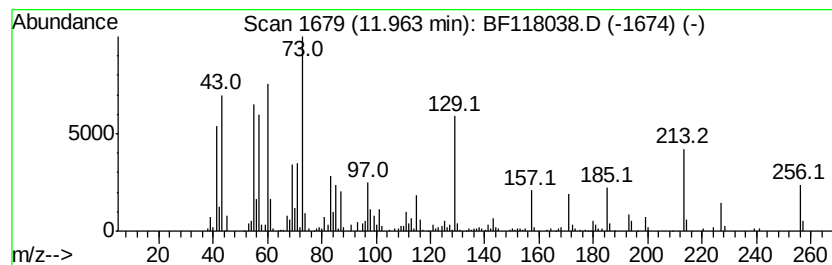
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	33.49 ng	2064110	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	86
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5		Undecanoic acid	186	C11H22O2	000112-37-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118038.D
Acq On : 27 Nov 2019 14:04
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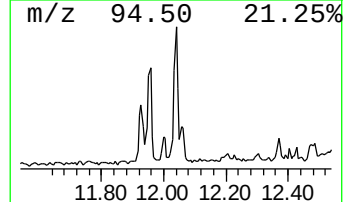
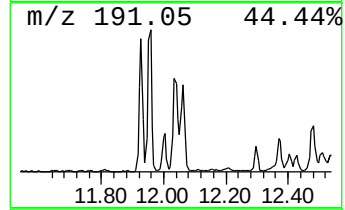
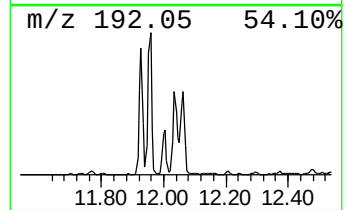
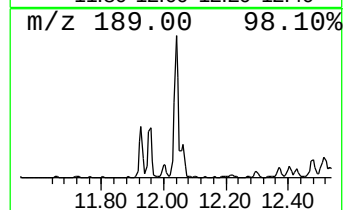
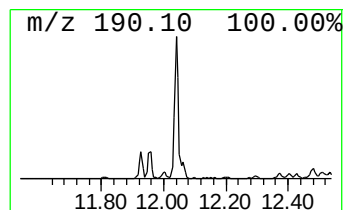
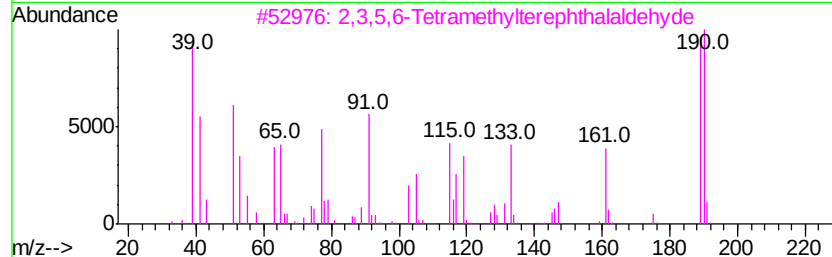
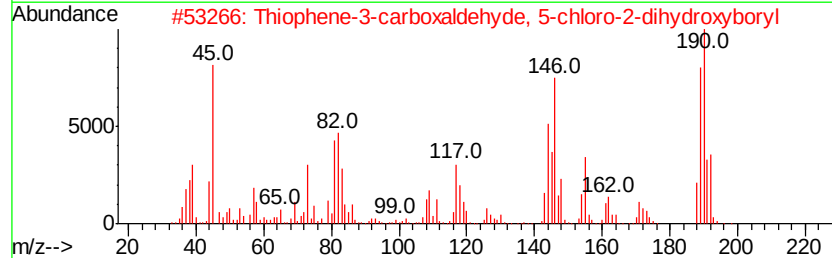
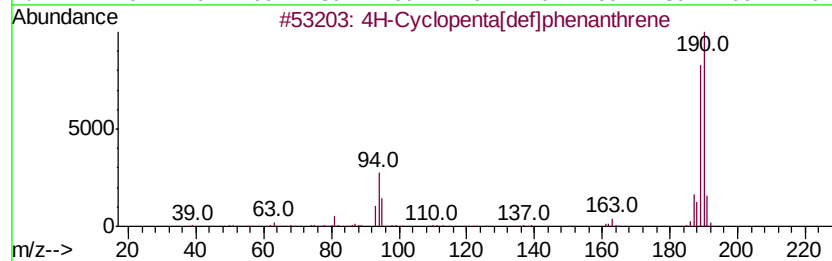
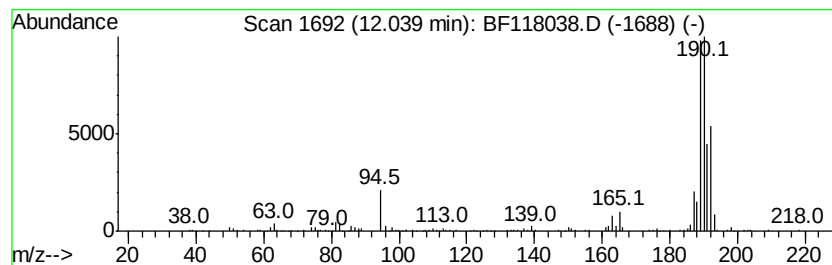
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	6.84 ng	421702	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
5		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118038.D
Acq On : 27 Nov 2019 14:04
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Misc :
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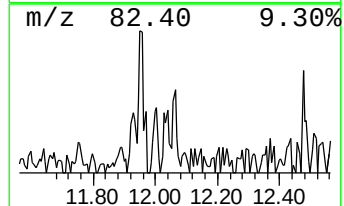
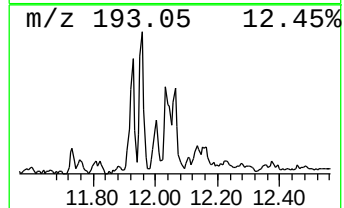
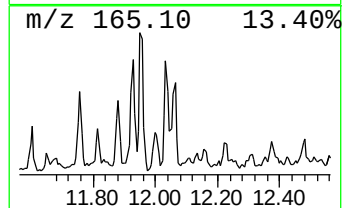
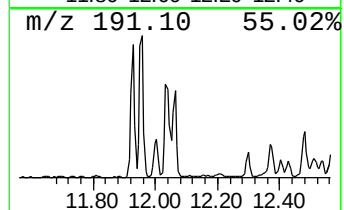
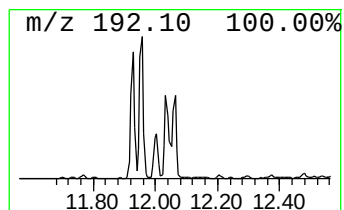
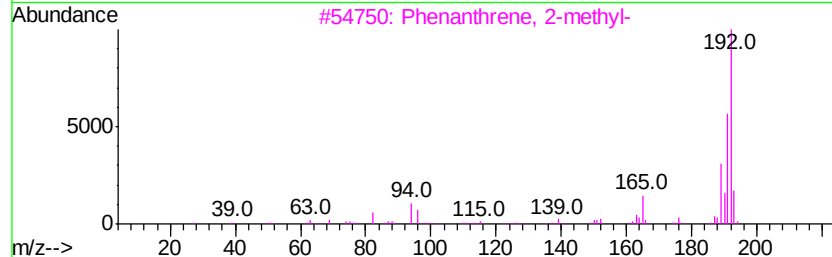
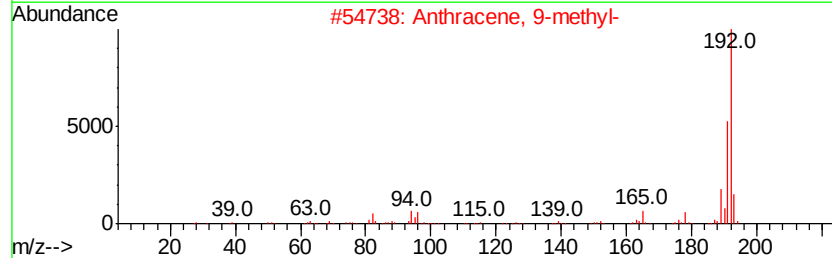
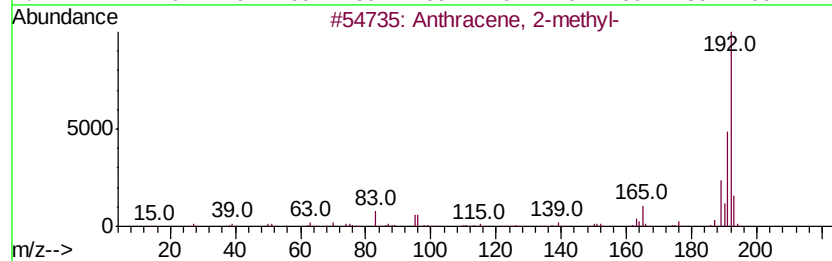
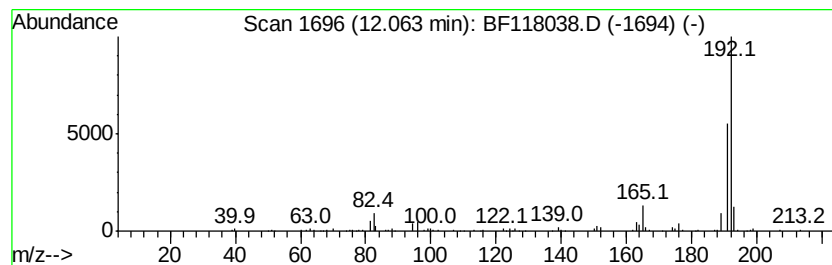
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	2.63 ng	162228	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
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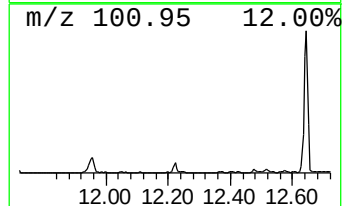
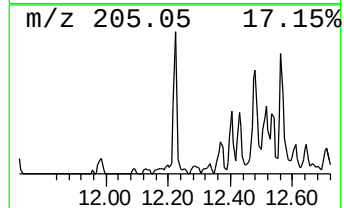
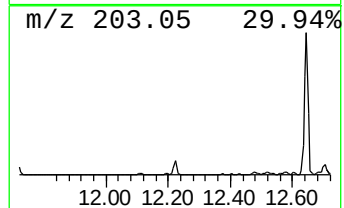
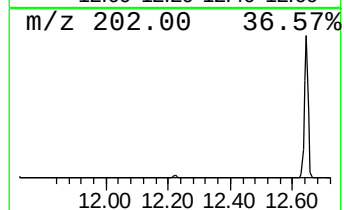
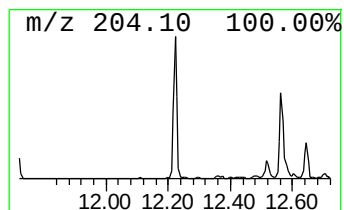
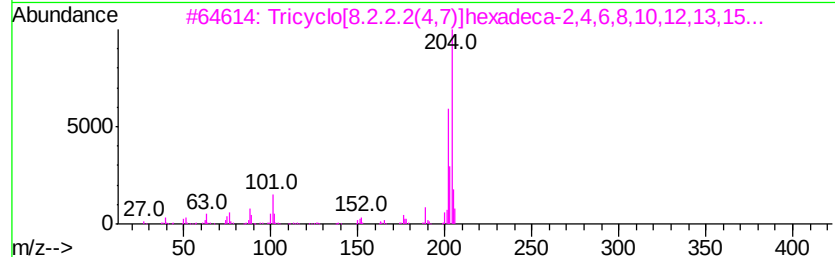
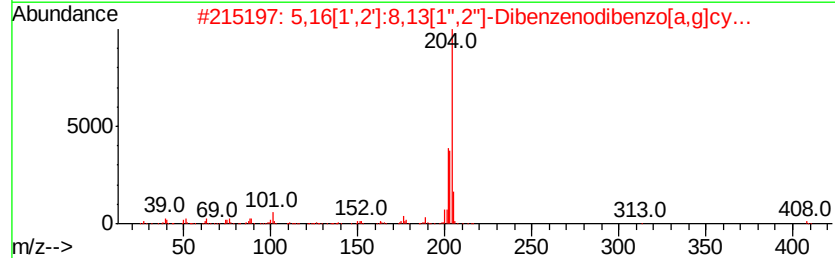
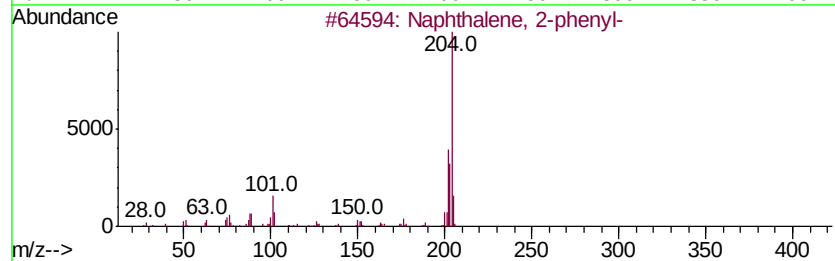
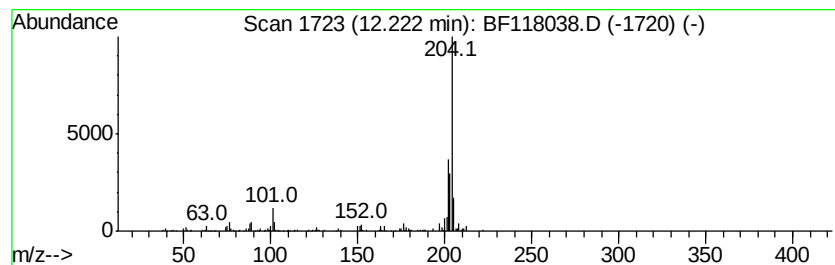
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	2.72 ng	167587	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2		5,16[1',2'] :8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5		Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
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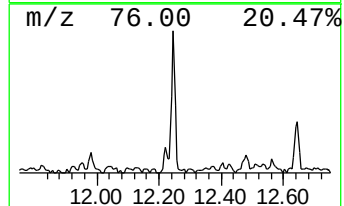
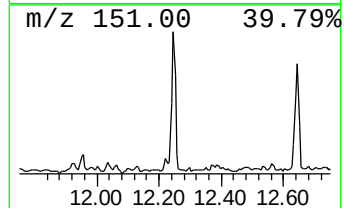
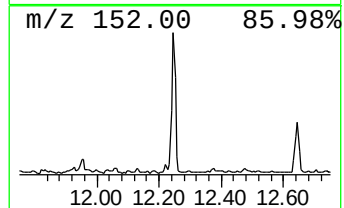
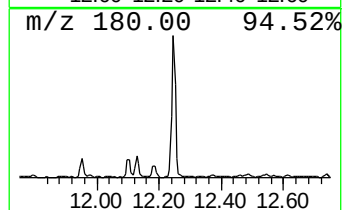
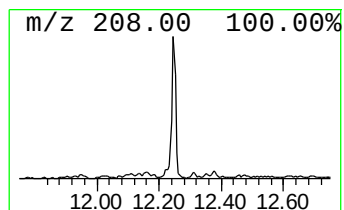
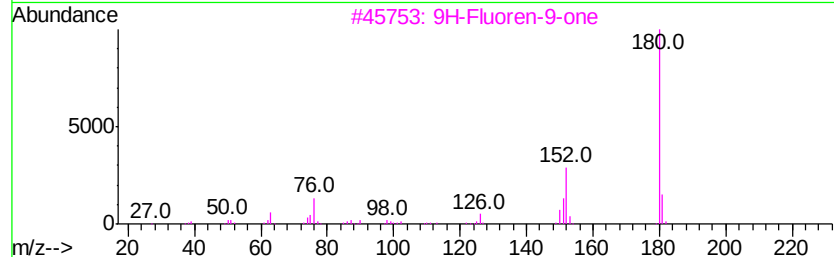
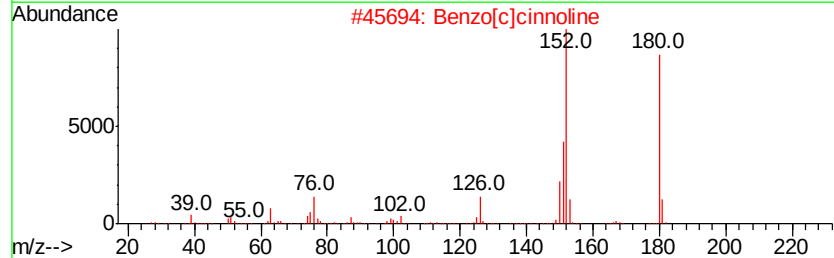
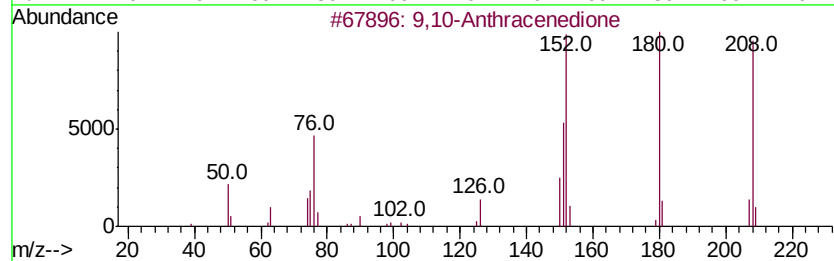
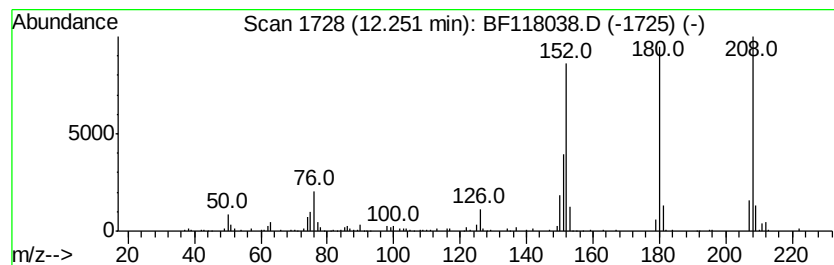
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	4.19 ng	258339	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
4		1,4-Anthracenedione	208	C14H8O2	000635-12-1	64
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
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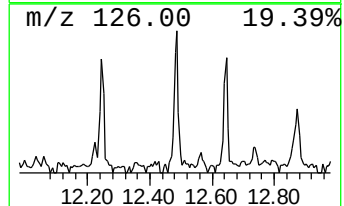
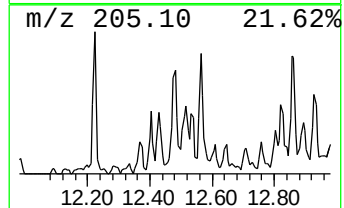
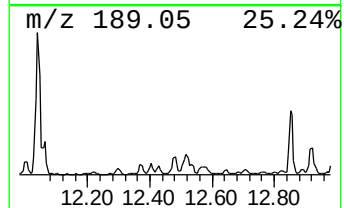
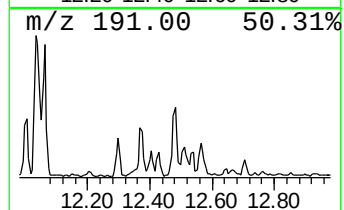
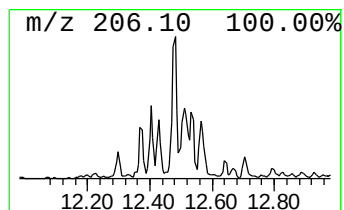
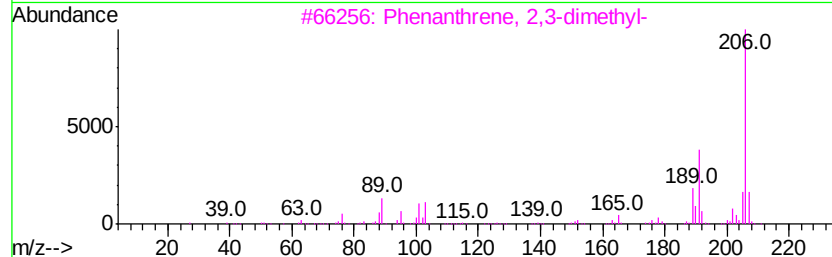
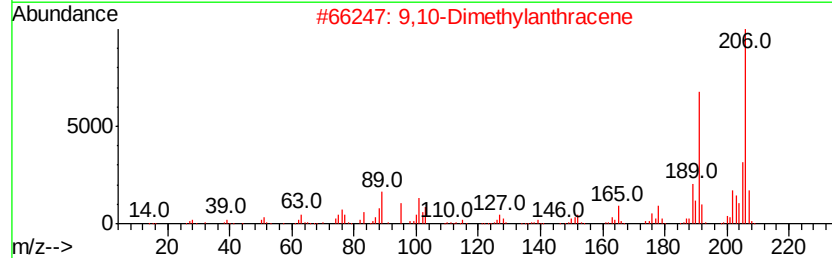
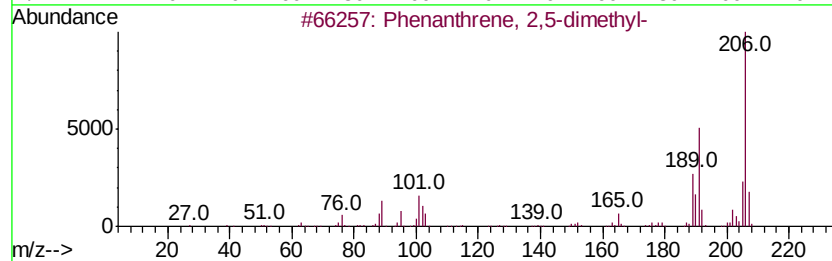
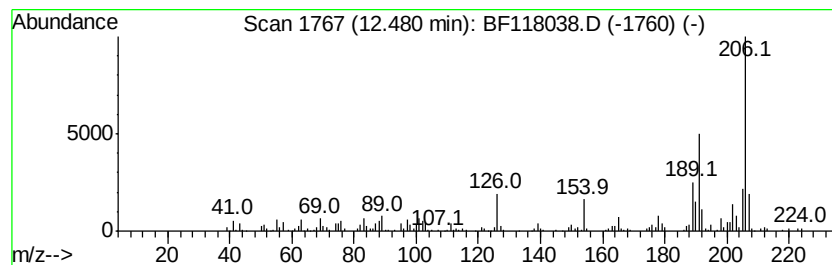
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.48	4.61 ng	284175	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118038.D
Acq On : 27 Nov 2019 14:04
Operator : JU
Sample : K5973-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DUCT-BANK-2

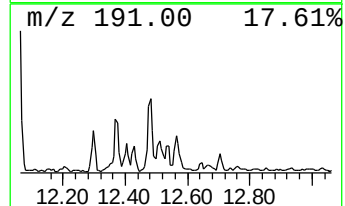
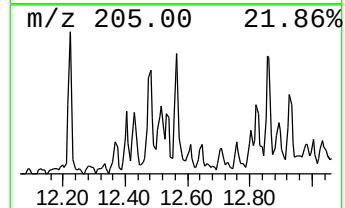
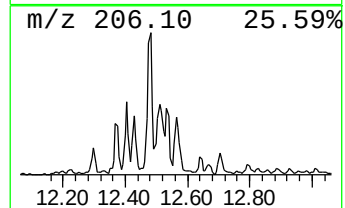
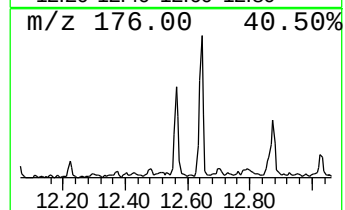
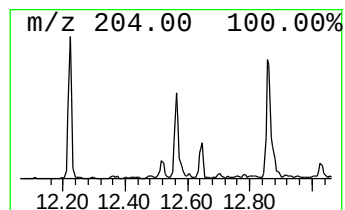
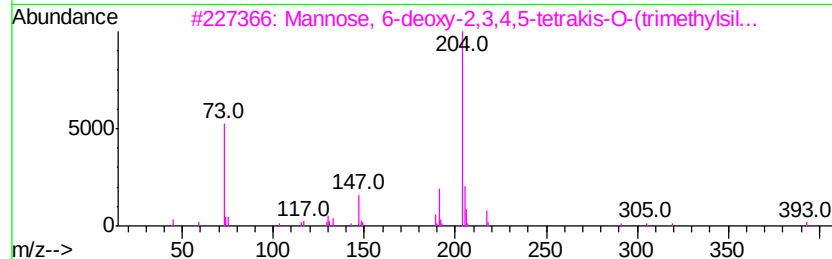
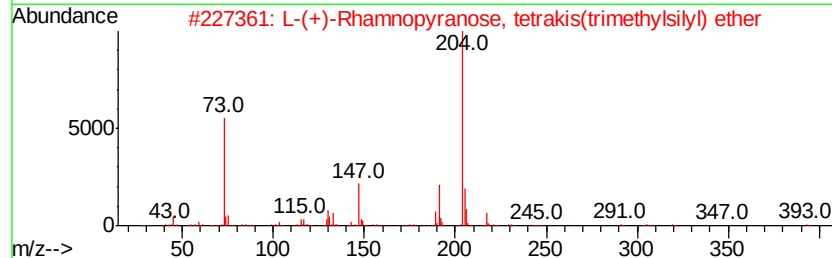
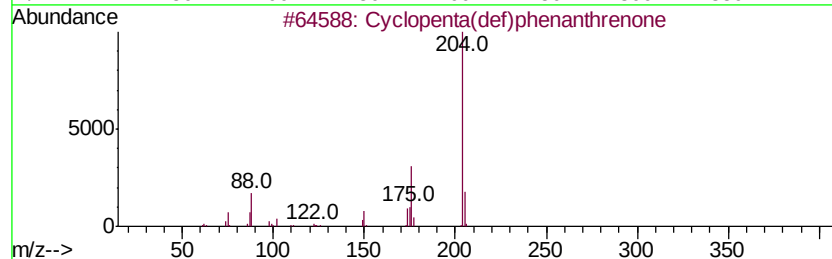
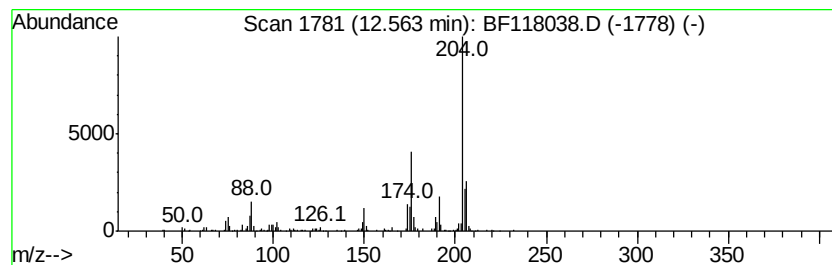
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	3.00 ng	185173	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	43
3		Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	43
4		Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	43
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118038.D
Acq On : 27 Nov 2019 14:04
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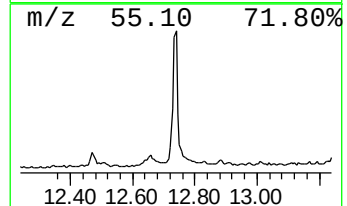
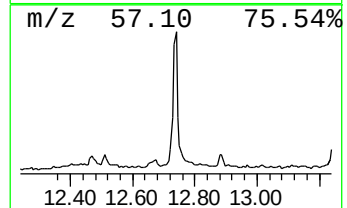
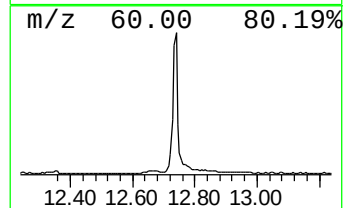
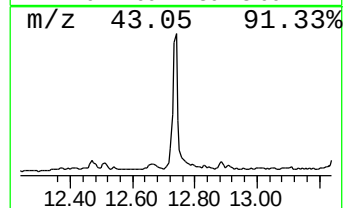
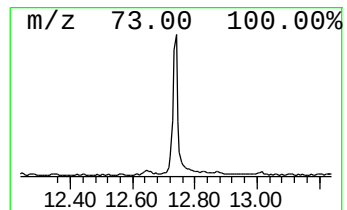
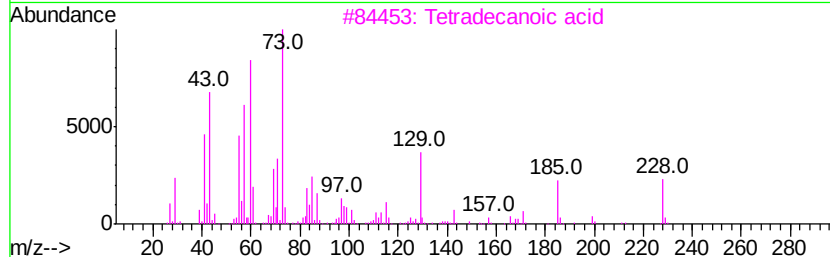
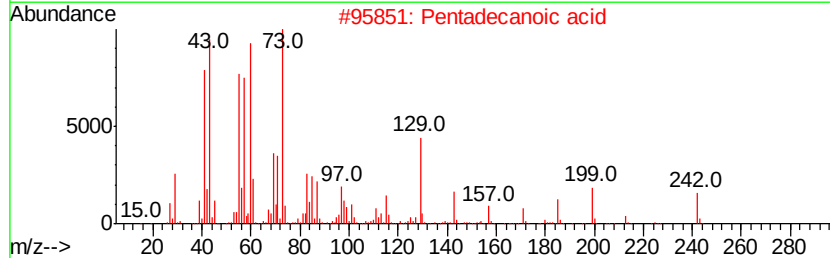
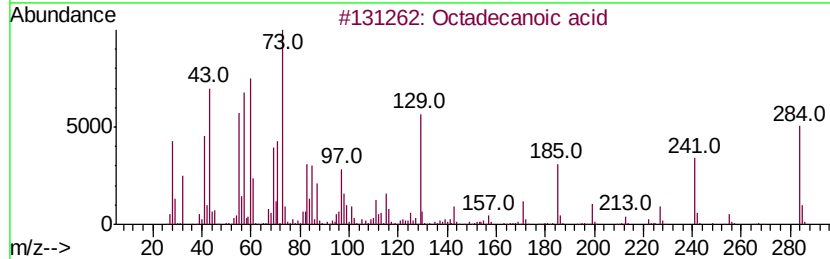
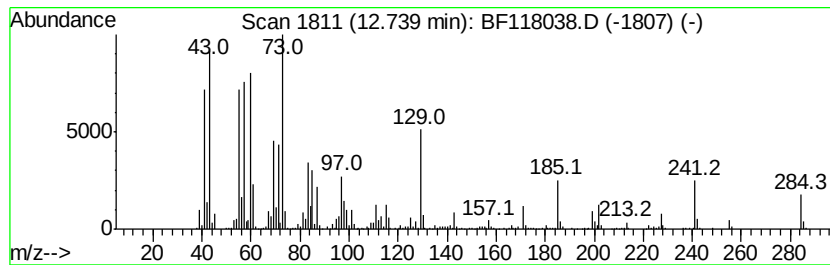
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	15.62 ng	962591	Phenanthrene-d10	11.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5			Tridecanoic acid	214	C13H26O2	000638-53-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
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Sample : K5973-04
Misc :
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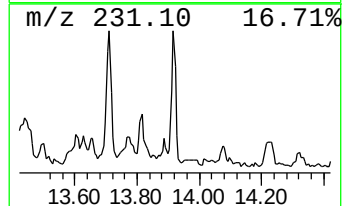
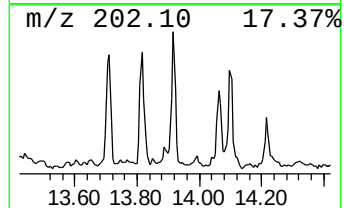
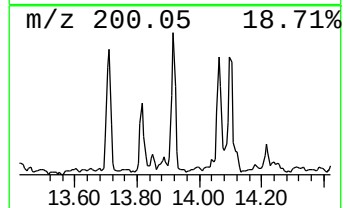
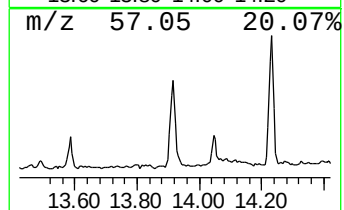
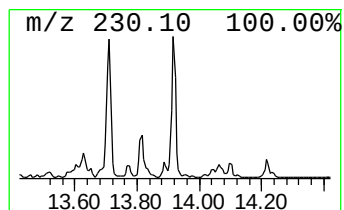
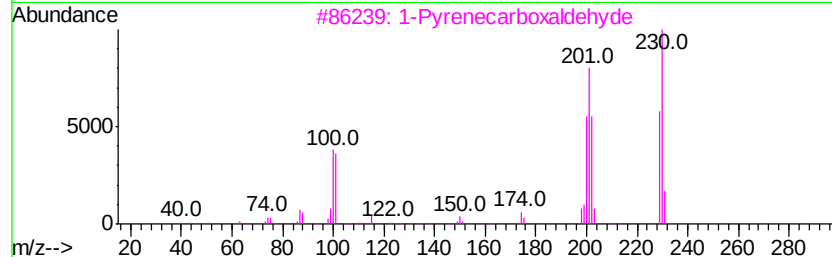
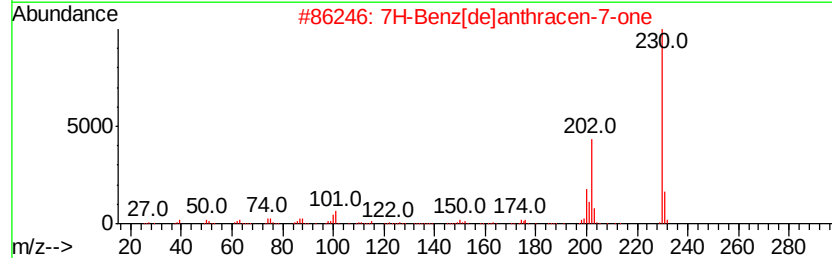
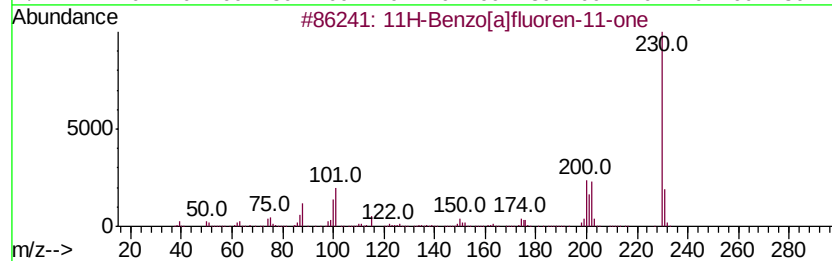
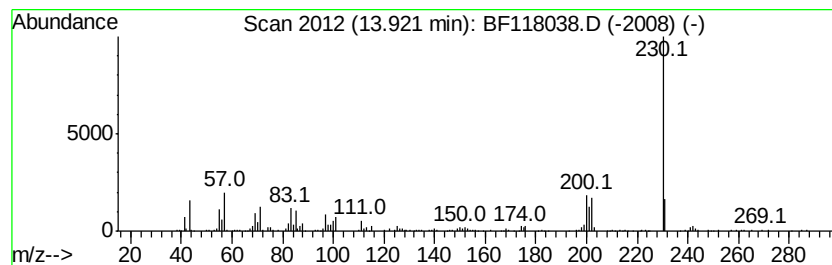
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.92	4.48 ng	568777	Chrysene-d12		14.07	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3		1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	42
4		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	38
5		5,6-Dihydrochrysene	230	C18H14	002091-92-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
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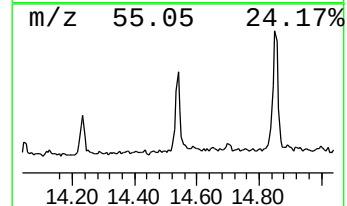
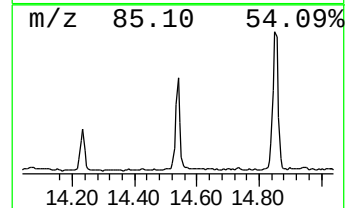
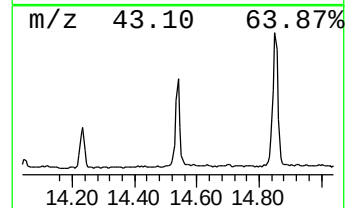
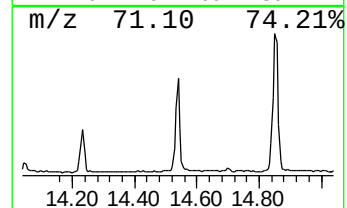
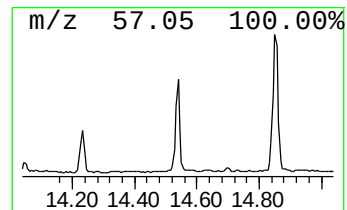
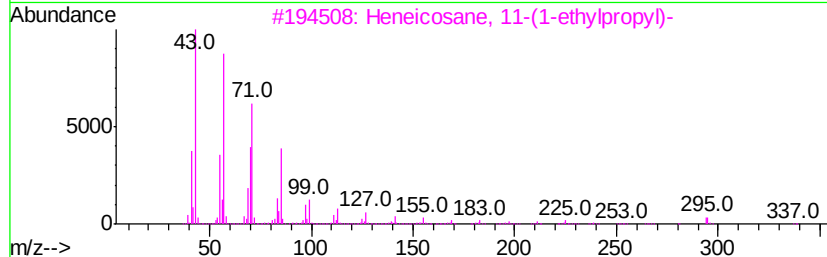
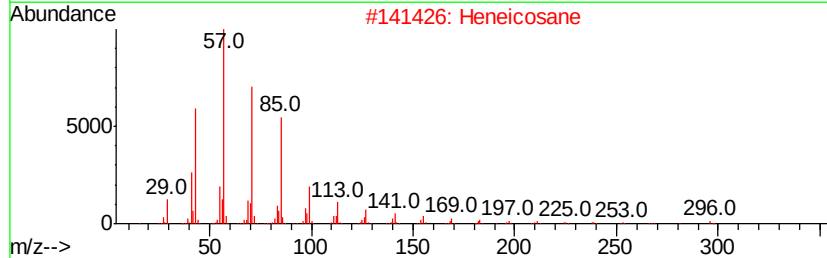
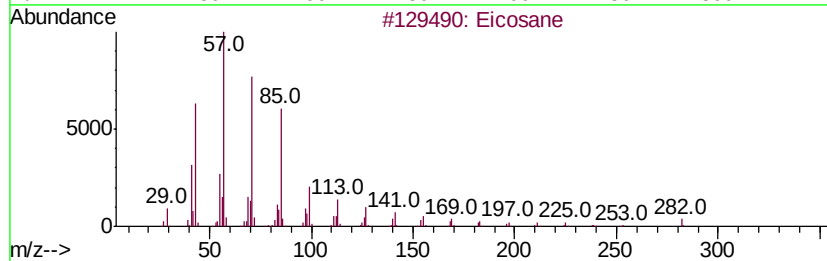
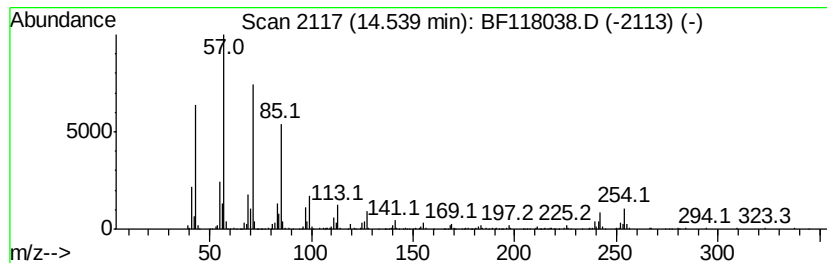
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.54	5.29 ng	671333	Chrysene-d12	14.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118038.D
Acq On : 27 Nov 2019 14:04
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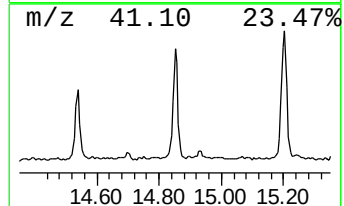
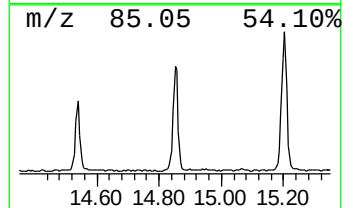
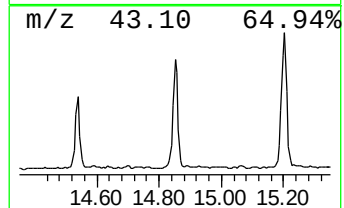
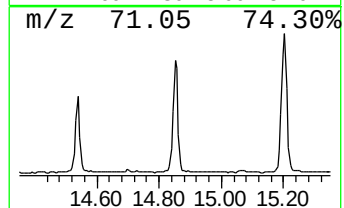
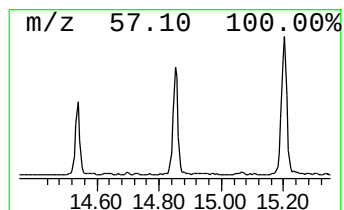
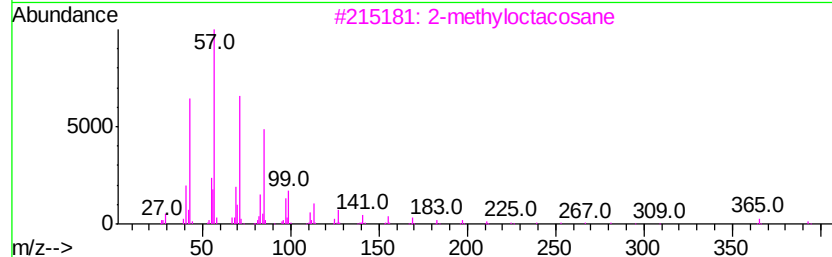
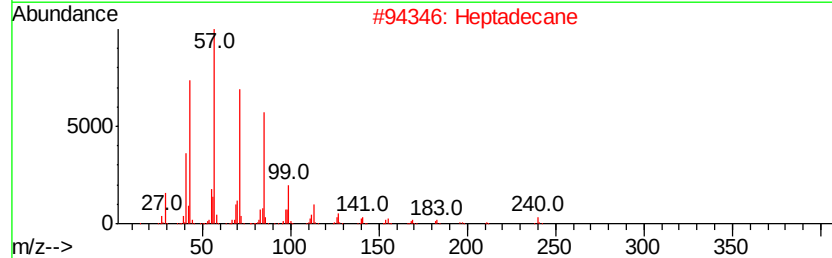
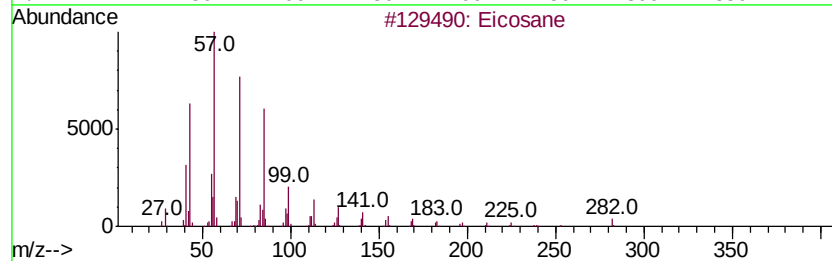
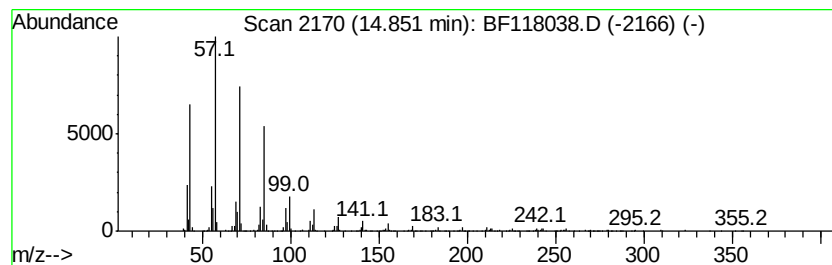
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	13.94 ng	919558	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Heptadecane	240	C17H36	000629-78-7	94
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118038.D
Acq On : 27 Nov 2019 14:04
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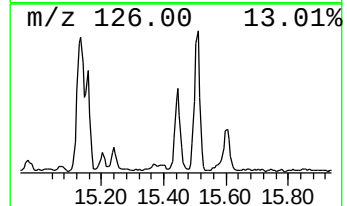
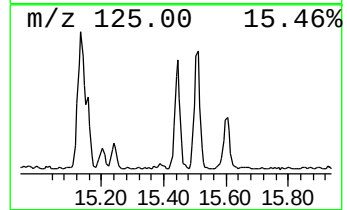
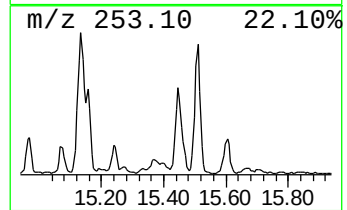
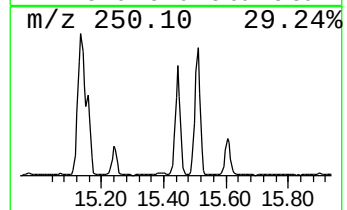
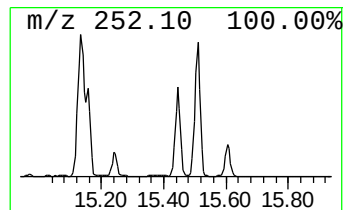
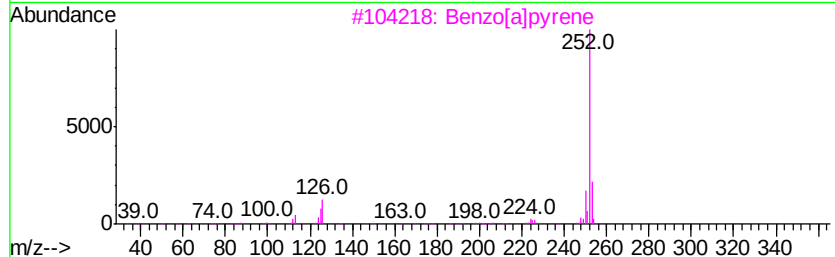
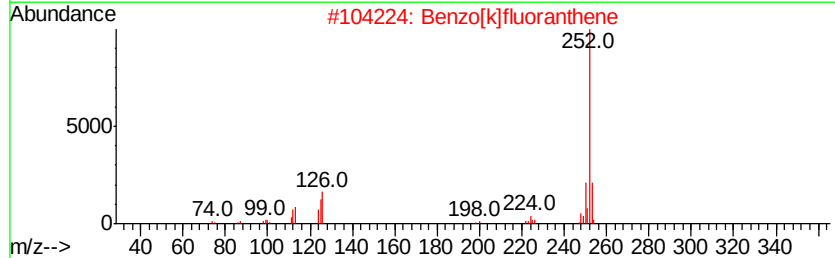
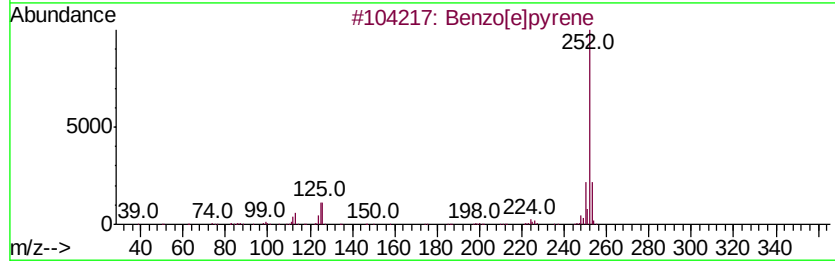
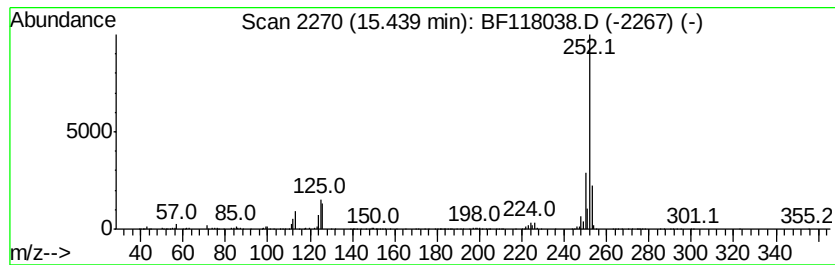
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	12.66 ng	834834	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Benzo[a]pyrene	252	C20H12	000050-32-8	97
4		Perylene	252	C20H12	000198-55-0	96
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
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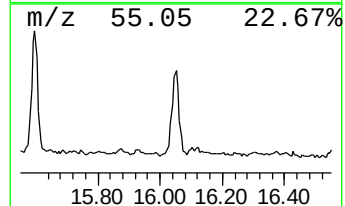
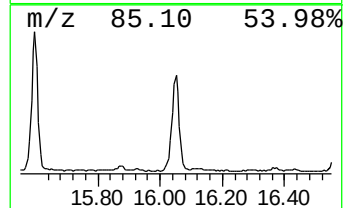
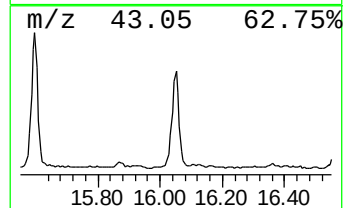
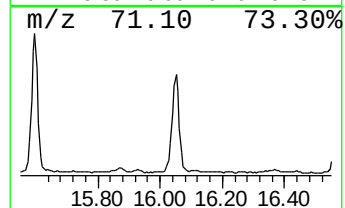
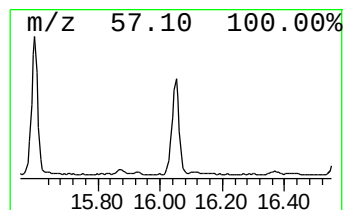
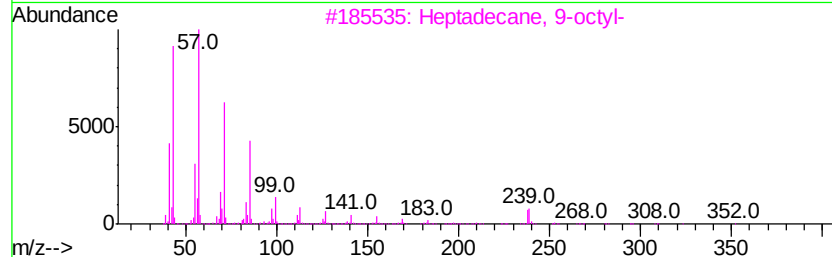
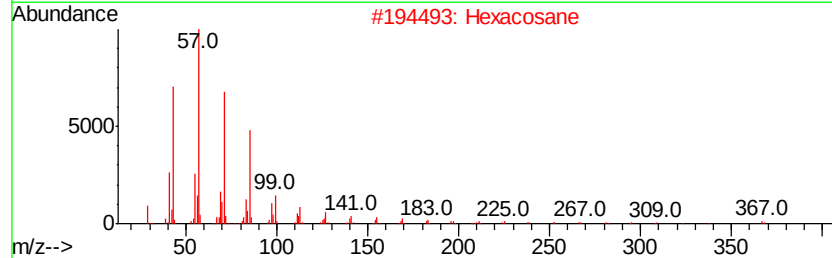
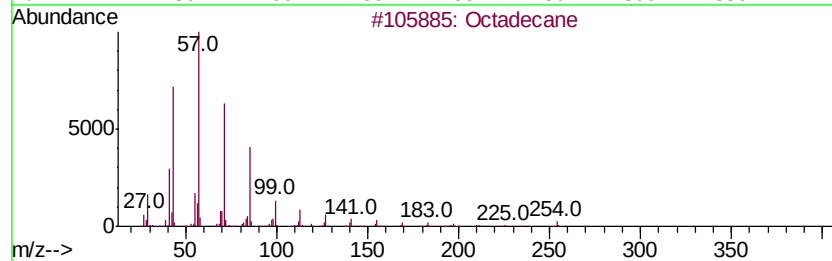
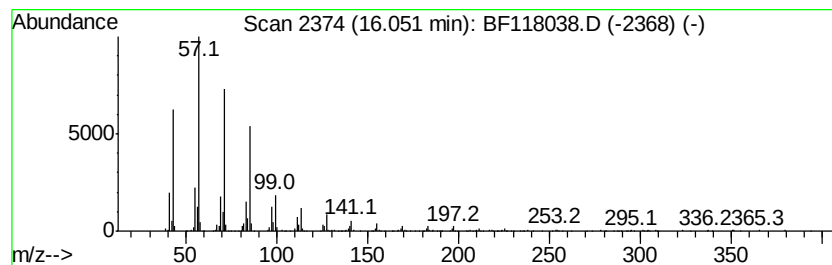
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 19 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	15.63 ng	1031100	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	97
2		Hexacosane	366	C26H54	000630-01-3	94
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118038.D
Acq On : 27 Nov 2019 14:04
Operator : JU
Sample : K5973-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-2

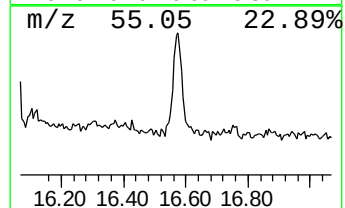
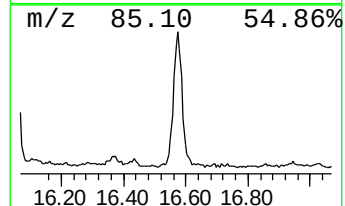
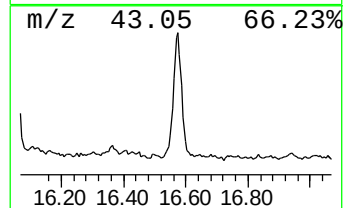
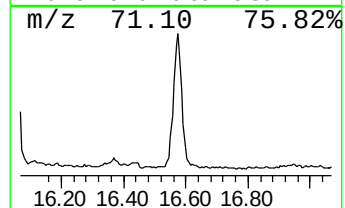
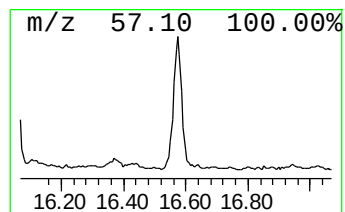
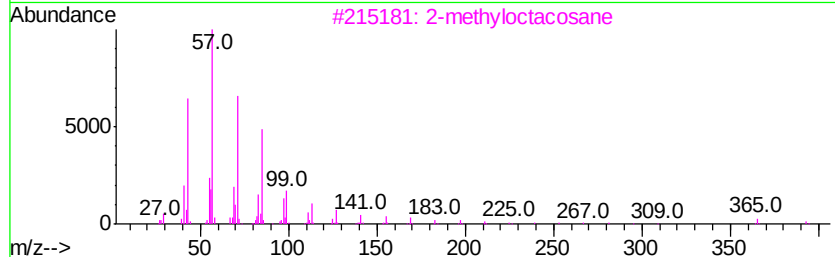
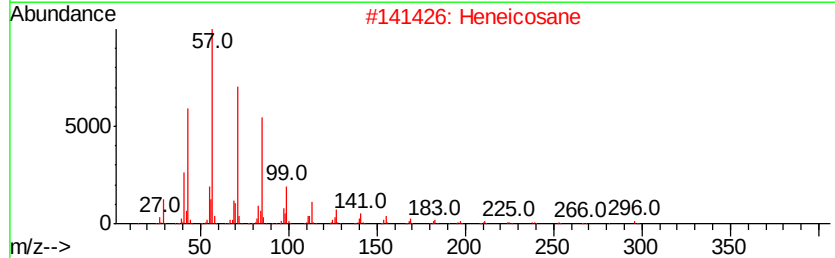
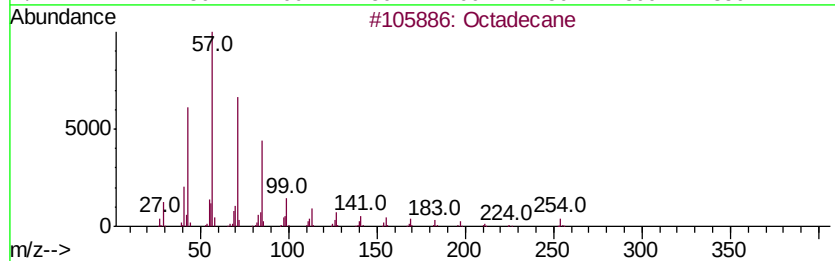
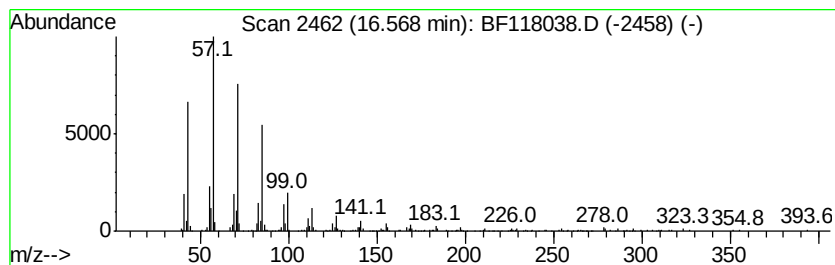
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-methyloctacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	7.86 ng	518175	Perylene-d12	15.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	93
2			Heneicosane	296	C21H44	000629-94-7	91
3			2-methyloctacosane	408	C29H60	1000376-72-8	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112719\
 Data File : BF118038.D
 Acq On : 27 Nov 2019 14:04
 Operator : JU
 Sample : K5973-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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...	2.13	13.3	ng	549903	1	6.88	824833	20.0
2-Pentanone, 4-hy...	5.08	10.6	ng	436660	1	6.88	824833	20.0
unknown6.65	6.65	60.7	ng	2504970	1	6.88	824833	20.0
1H-Indene, 2-phenyl-	11.93	4.9	ng	304686	4	11.42	1232690	20.0
n-Hexadecanoic acid	11.96	33.5	ng	2064110	4	11.42	1232690	20.0
4H-Cyclopenta[def...	12.04	6.8	ng	421702	4	11.42	1232690	20.0
Anthracene, 2-met...	12.06	2.6	ng	162228	4	11.42	1232690	20.0
Naphthalene, 2-ph...	12.22	2.7	ng	167587	4	11.42	1232690	20.0
9,10-Anthracenedione	12.25	4.2	ng	258339	4	11.42	1232690	20.0
Phenanthrene, 2,5...	12.48	4.6	ng	284175	4	11.42	1232690	20.0
Cyclopenta(def)ph...	12.56	3.0	ng	185173	4	11.42	1232690	20.0
Octadecanoic acid	12.74	15.6	ng	962591	4	11.42	1232690	20.0
11H-Benzo[a]fluor...	13.92	4.5	ng	568777	5	14.07	2536870	20.0
Heneicosane	14.54	5.3	ng	671333	5	14.07	2536870	20.0
Eicosane	14.85	13.9	ng	919558	6	15.57	1319330	20.0
Benzo[e]pyrene	15.44	12.7	ng	834834	6	15.57	1319330	20.0
Octadecane	16.05	15.6	ng	1031100	6	15.57	1319330	20.0
2-methyloctacosane	16.57	7.9	ng	518175	6	15.57	1319330	20.0