

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF103119\
 Data File : BF117671.D
 Acq On : 31 Oct 2019 21:07
 Operator : JU
 Sample : K5148-13 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-102919

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-BF101819.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.922	479	482	493	rBV2	6251	14398	4.53%	0.358%
2	5.381	557	560	585	rBV2	36446	107581	33.83%	2.672%
3	6.410	732	735	750	rBV	49312	132400	41.64%	3.289%
4	6.516	750	753	765	rVB	102666	161073	50.65%	4.001%
5	6.728	786	789	805	rBV	206887	211657	66.56%	5.257%
6	6.887	812	816	824	rBV	91564	111794	35.16%	2.777%
7	7.316	886	889	898	rBV	28837	65275	20.53%	1.621%
8	8.010	1004	1007	1033	rBV	187233	296313	93.19%	7.360%
9	9.086	1187	1190	1202	rBV	113223	144101	45.32%	3.579%
10	9.163	1202	1203	1208	rVB	4247	3866	1.22%	0.096%
11	9.492	1256	1259	1266	rBV	8916	12339	3.88%	0.306%
12	9.628	1280	1282	1290	rBB	6266	7389	2.32%	0.184%
13	9.763	1301	1305	1309	rBV	307021	305020	95.92%	7.576%
14	9.986	1339	1343	1346	rBV	2686	4074	1.28%	0.101%
15	10.186	1372	1377	1380	rBB	4347	4236	1.33%	0.105%
16	10.322	1396	1400	1407	rBV	11469	14997	4.72%	0.372%
17	10.569	1439	1442	1453	rBV	46949	59542	18.73%	1.479%
18	10.663	1455	1458	1462	rBB3	5311	8113	2.55%	0.202%
19	10.869	1489	1493	1496	rBV	2254	3240	1.02%	0.080%
20	11.110	1531	1534	1536	rBV2	6028	5431	1.71%	0.135%
21	11.151	1540	1541	1547	rVB	4524	4236	1.33%	0.105%
22	11.251	1555	1558	1561	rBV	236278	245800	77.30%	6.105%
23	11.275	1561	1562	1570	rVV	83126	82599	25.98%	2.052%
24	11.339	1570	1573	1581	rVB	17387	24897	7.83%	0.618%
25	11.510	1599	1602	1604	rBV	4025	4136	1.30%	0.103%
26	11.533	1604	1606	1613	rVB2	6490	8367	2.63%	0.208%
27	11.757	1641	1644	1647	rBV2	11713	12009	3.78%	0.298%
28	11.792	1647	1650	1654	rVV	15042	18157	5.71%	0.451%
29	11.839	1654	1658	1660	rVV3	7872	8934	2.81%	0.222%
30	11.869	1660	1663	1672	rVB	33811	50783	15.97%	1.261%
31	11.939	1672	1675	1677	rBV2	6083	5211	1.64%	0.129%
32	12.051	1691	1694	1697	rBV2	7367	6164	1.94%	0.153%
33	12.186	1714	1717	1722	rBV3	3063	6170	1.94%	0.153%
34	12.227	1722	1724	1728	rBV	3311	3346	1.05%	0.083%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.257	1728	1729	1733	rVB	4272	3386	1.06%	0.084%
36	12.304	1733	1737	1739	rBV	17724	17549	5.52%	0.436%
37	12.404	1753	1754	1761	rVB	5036	6470	2.03%	0.161%
38	12.469	1761	1765	1771	rBV	160778	162390	51.07%	4.033%
39	12.621	1788	1791	1793	rBV2	9610	9813	3.09%	0.244%
40	12.645	1793	1795	1797	rVB3	6299	4034	1.27%	0.100%
41	12.698	1797	1804	1811	rBV	156495	184404	57.99%	4.580%
42	12.751	1811	1813	1817	rVB4	9579	9627	3.03%	0.239%
43	12.827	1823	1826	1833	rVB	125165	118406	37.24%	2.941%
44	12.921	1837	1842	1848	rVB4	11227	20009	6.29%	0.497%
45	12.974	1848	1851	1853	rBV3	4173	5187	1.63%	0.129%
46	13.004	1853	1856	1857	rBV2	9488	8430	2.65%	0.209%
47	13.027	1857	1860	1863	rVV	19766	23254	7.31%	0.578%
48	13.092	1867	1871	1875	rBV	19615	22728	7.15%	0.565%
49	13.133	1875	1878	1882	rBV2	14317	18895	5.94%	0.469%
50	13.221	1891	1893	1897	rBV	8671	8514	2.68%	0.211%
51	13.257	1897	1899	1902	rBV	13383	12396	3.90%	0.308%
52	13.398	1919	1923	1925	rBV2	9619	8949	2.81%	0.222%
53	13.433	1927	1929	1930	rBV2	3856	3726	1.17%	0.093%
54	13.510	1941	1942	1945	rBV3	4778	4105	1.29%	0.102%
55	13.539	1945	1947	1949	rVV2	4594	3180	1.00%	0.079%
56	13.598	1954	1957	1960	rVB4	5950	6363	2.00%	0.158%
57	13.657	1960	1967	1968	rBV3	15987	22727	7.15%	0.564%
58	13.704	1972	1975	1976	rVV2	9232	9756	3.07%	0.242%
59	13.727	1976	1979	1988	rVB9	20667	40212	12.65%	0.999%
60	13.821	1992	1995	1997	rBV4	4131	3633	1.14%	0.090%
61	13.898	2003	2008	2011	rBV2	256978	317981	100.00%	7.898%
62	13.921	2011	2012	2017	rVV	65754	65685	20.66%	1.631%
63	13.980	2020	2022	2025	rBV4	8465	10974	3.45%	0.273%
64	14.004	2025	2026	2029	rVB	10888	6682	2.10%	0.166%
65	14.039	2029	2032	2034	rBV2	13556	14638	4.60%	0.364%
66	14.068	2035	2037	2040	rVV4	13613	12804	4.03%	0.318%
67	14.127	2043	2047	2048	rBV3	7178	10077	3.17%	0.250%
68	14.163	2051	2053	2055	rVB3	8468	5607	1.76%	0.139%
69	14.251	2066	2068	2069	rBV2	5491	4520	1.42%	0.112%
70	14.274	2069	2072	2073	rVV3	9127	10091	3.17%	0.251%
71	14.286	2073	2074	2078	rVB2	16514	15486	4.87%	0.385%

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72	14.327	2078	2081	2082	rBV3	7445	7377	2.32%	0.183%
73	14.345	2082	2084	2086	rVV2	10894	11315	3.56%	0.281%
74	14.386	2089	2091	2094	rBV3	9245	9622	3.03%	0.239%
75	14.415	2094	2096	2097	rBV2	7901	4912	1.54%	0.122%
76	14.474	2104	2106	2110	rVB5	14505	19064	6.00%	0.474%
77	14.615	2128	2130	2131	rBV2	7468	5097	1.60%	0.127%
78	14.639	2131	2134	2136	rVV2	20732	19324	6.08%	0.480%
79	14.933	2181	2184	2186	rBV	32877	47079	14.81%	1.169%
80	15.221	2230	2233	2236	rBV	24680	27811	8.75%	0.691%
81	15.286	2240	2244	2246	rVV	33734	51427	16.17%	1.277%
82	15.339	2249	2253	2262	rVV	138327	211072	66.38%	5.243%
83	15.421	2265	2267	2275	rVB9	19510	28848	9.07%	0.717%
84	15.615	2298	2300	2305	rVB6	12352	9535	3.00%	0.237%
85	15.715	2314	2317	2321	rVB5	22173	27688	8.71%	0.688%
86	15.945	2353	2356	2358	rBV4	12785	14936	4.70%	0.371%
87	16.180	2393	2396	2403	rVB8	18393	34711	10.92%	0.862%
88	16.345	2421	2424	2430	rVB7	15321	24202	7.61%	0.601%
89	16.733	2484	2490	2493	rBV7	11189	23525	7.40%	0.584%
90	16.774	2495	2497	2502	rVB5	15256	21874	6.88%	0.543%
91	16.821	2502	2505	2506	rBV2	5519	5939	1.87%	0.148%
92	17.204	2568	2570	2574	rBV4	8292	10247	3.22%	0.255%
93	17.368	2594	2598	2606	rVB9	13775	29645	9.32%	0.736%
94	17.986	2701	2703	2705	rBV3	4464	3281	1.03%	0.081%
95	18.121	2724	2726	2729	rBV4	5098	7164	2.25%	0.178%
96	18.186	2735	2737	2738	rBV2	4365	4031	1.27%	0.100%

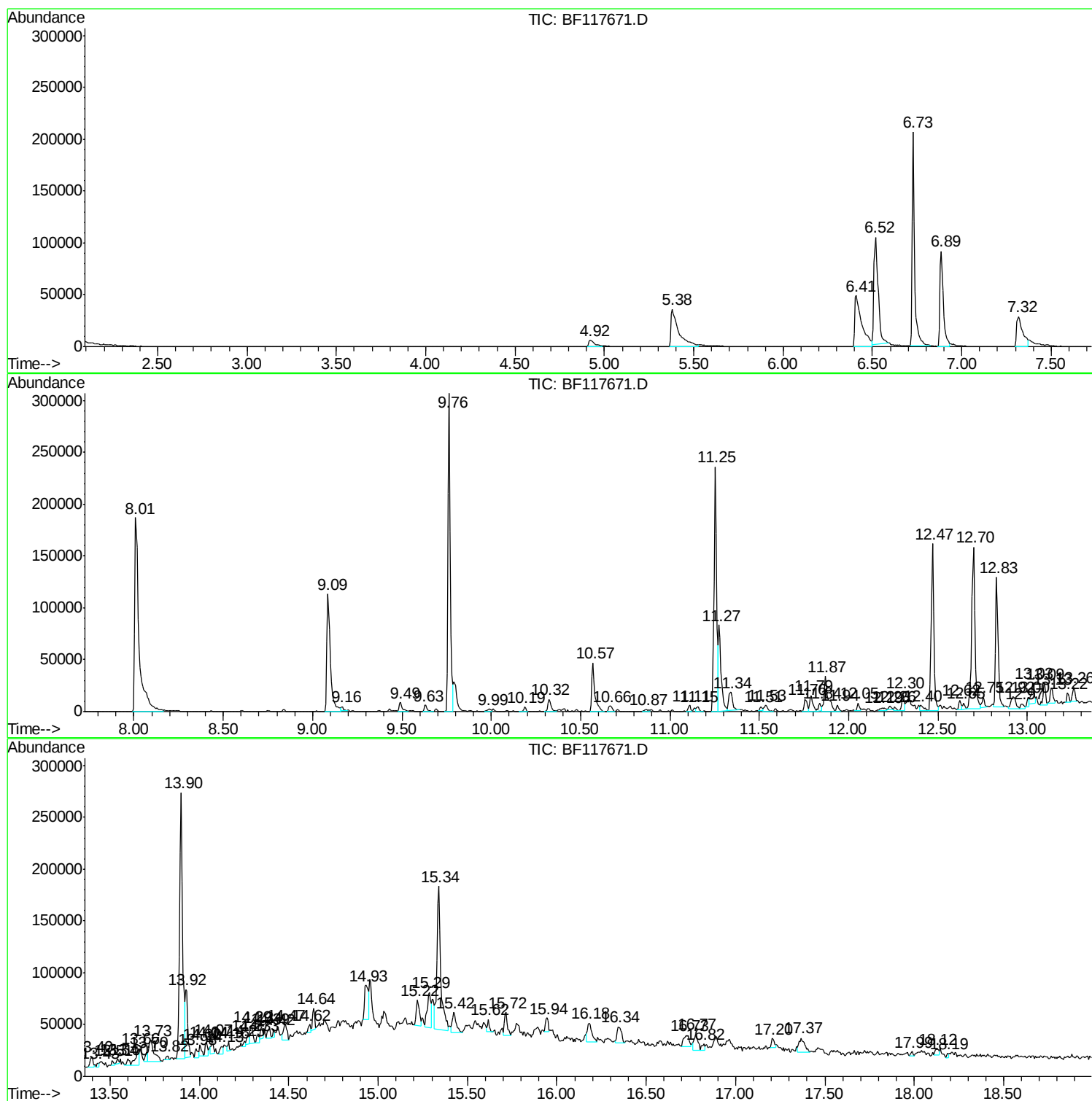
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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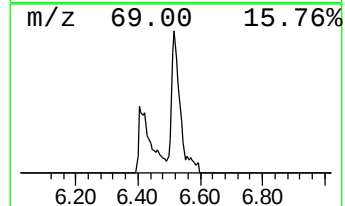
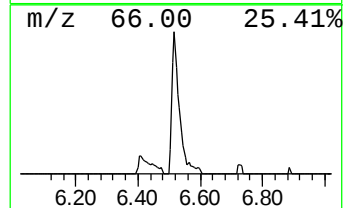
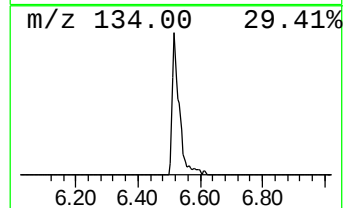
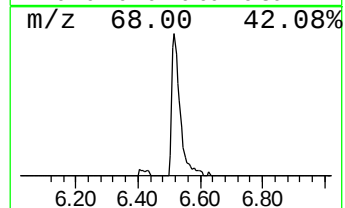
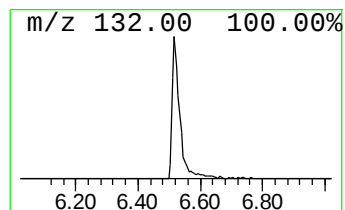
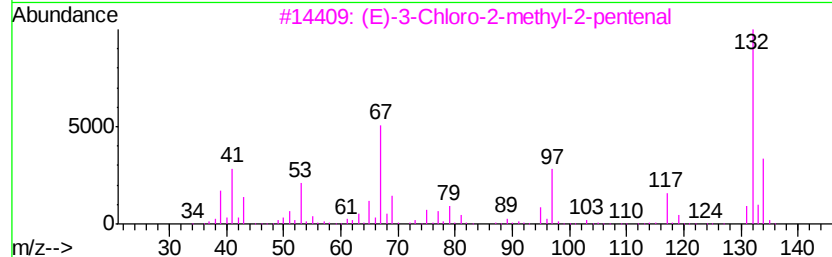
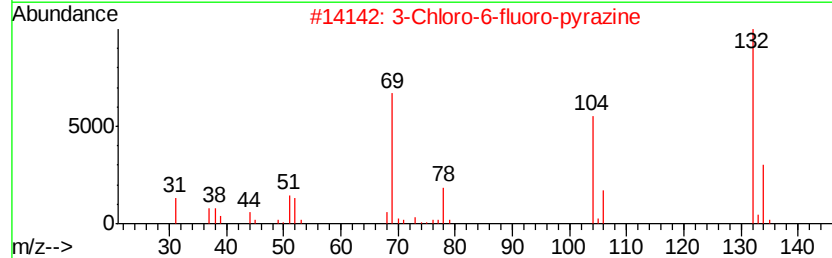
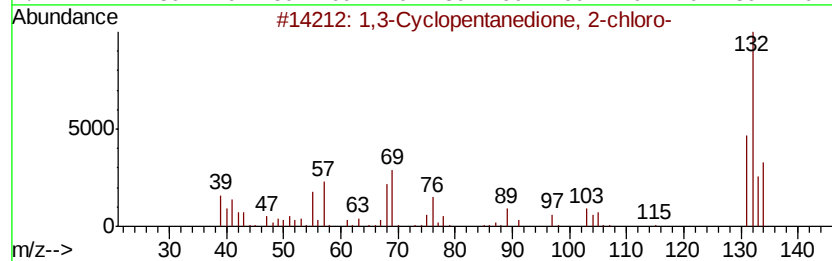
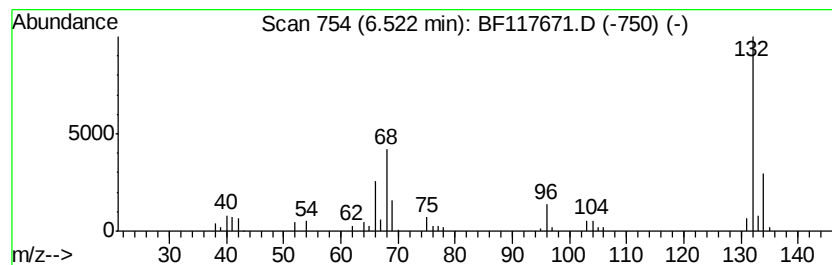
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	15.22 ng	161073	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	46
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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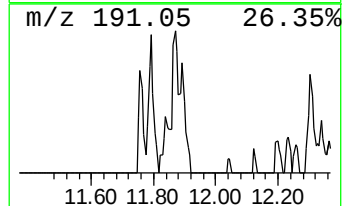
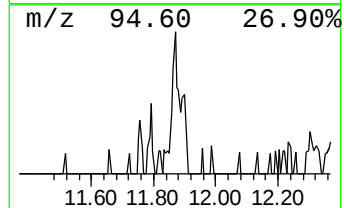
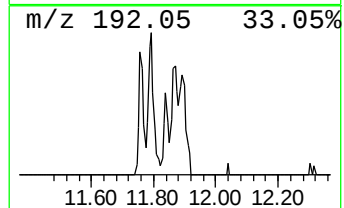
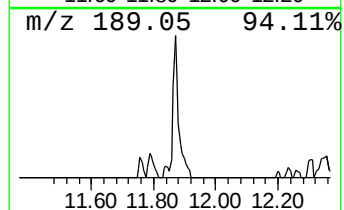
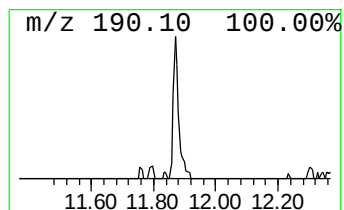
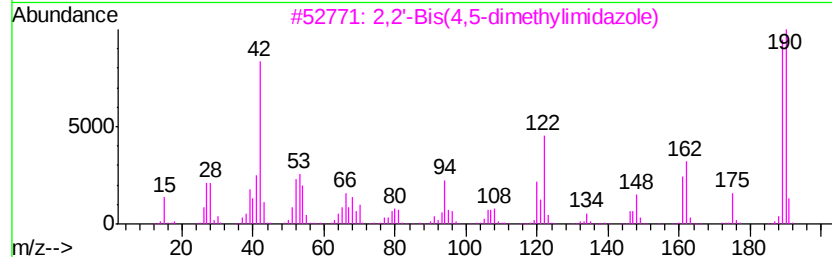
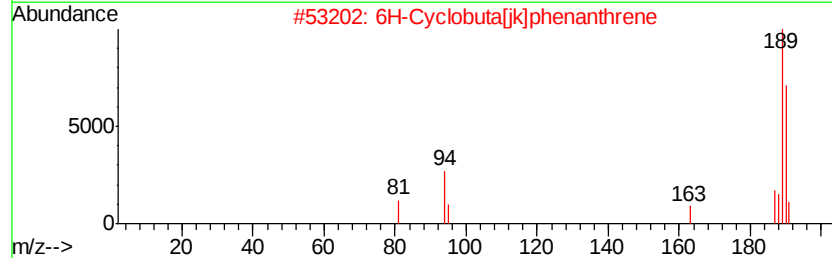
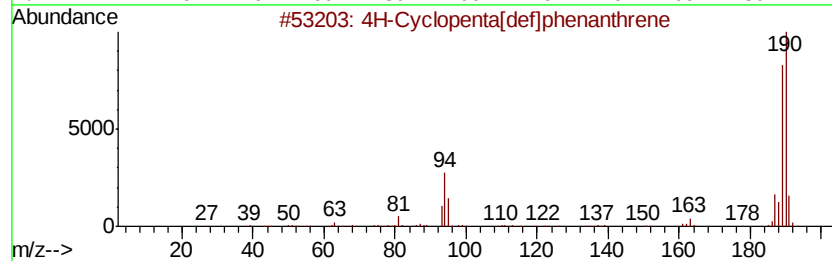
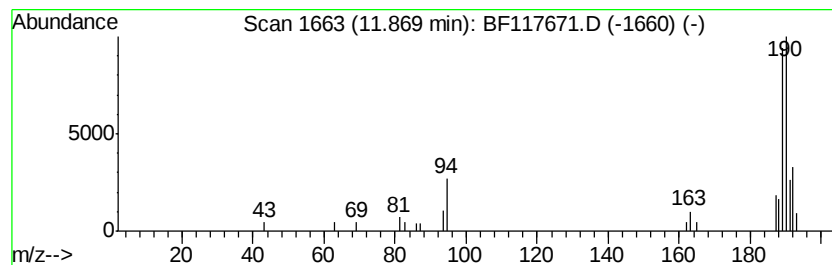
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.87	4.13 ng	50783	Phenanthrene-d10		11.25		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2			6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	72
3			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	36
4			2-Ethylthio-5-chloro-pyrimidin-4...	190	C6H7ClN2OS	106146-79-6	12
5			2-Fluoro-4-(trifluoromethyl)benz...	189	C8H3F4N	146070-34-0	9



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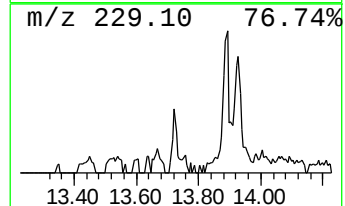
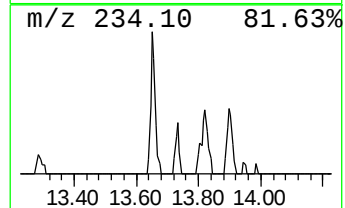
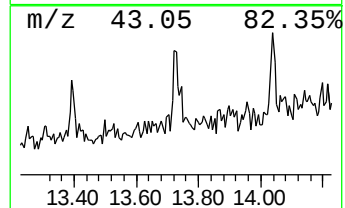
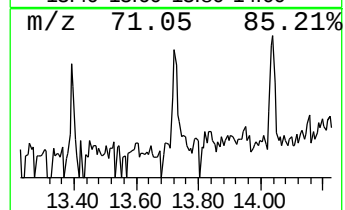
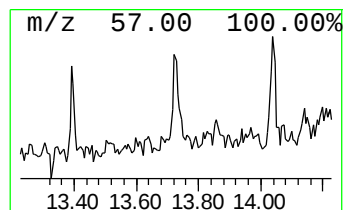
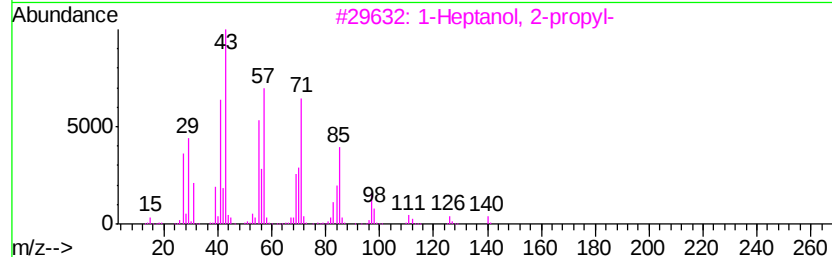
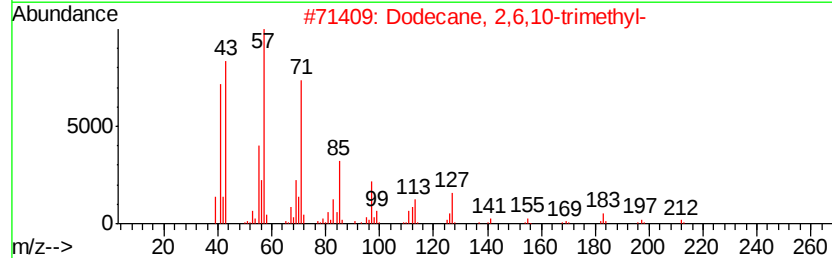
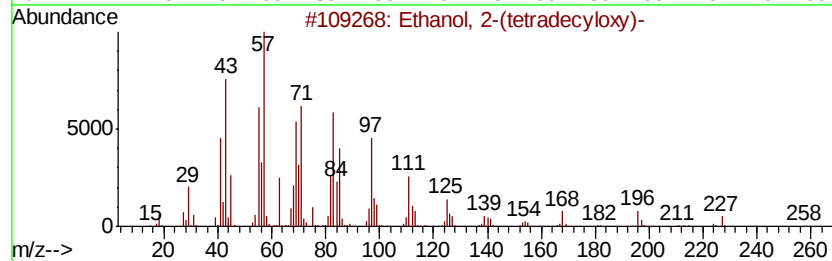
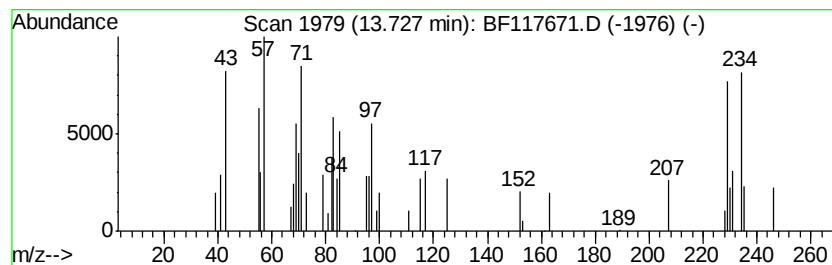
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 Peak Number 4 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.53 ng	40212	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	25
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	14
3		1-Heptanol, 2-propyl-	158	C10H22O	010042-59-8	14
4		Ferrocene, [(hydroxymino)methyl]-	229	C11H11FeNO	032679-07-5	11
5		Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117671.D
Acq On : 31 Oct 2019 21:07
Operator : JU
Sample : K5148-13 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-102919

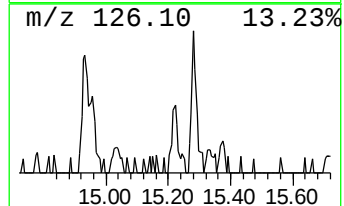
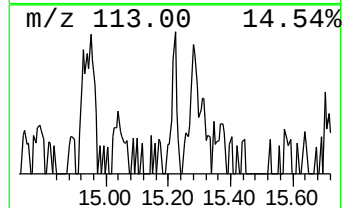
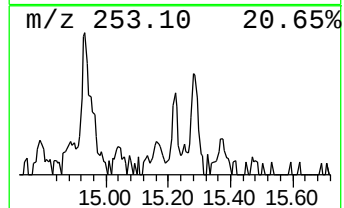
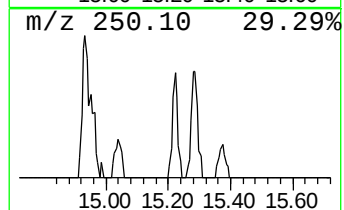
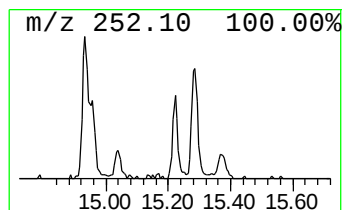
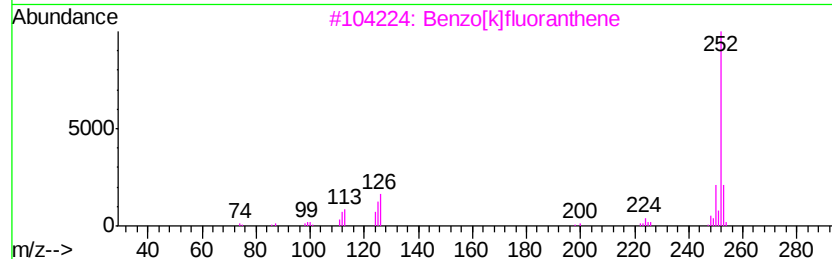
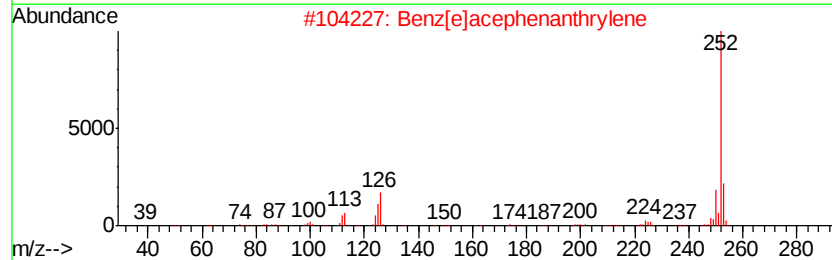
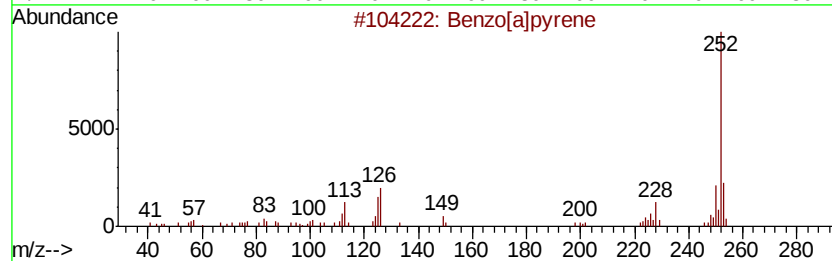
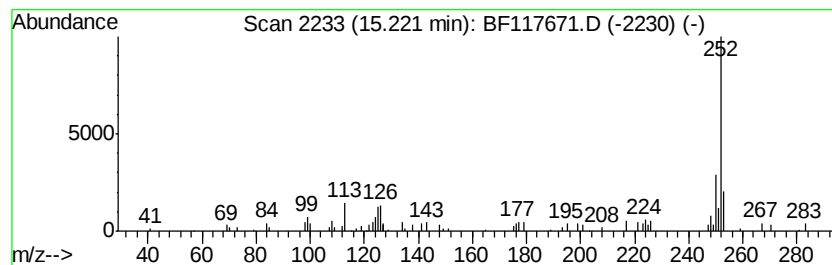
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzo[a]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	2.64 ng	27811	Perylene-d12	15.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[a]pyrene	252	C20H12	000050-32-8	90
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
4		Benzo[e]pyrene	252	C20H12	000192-97-2	74
5		Perylene	252	C20H12	000198-55-0	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117671.D
Acq On : 31 Oct 2019 21:07
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Misc :
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Instrument :
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ClientSampleId :
OR-03-102919

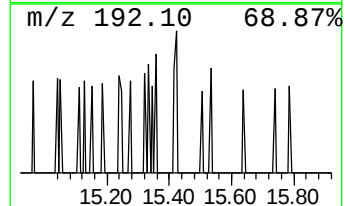
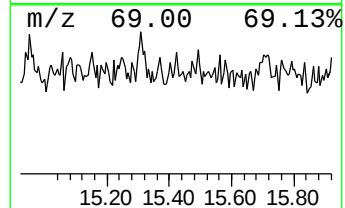
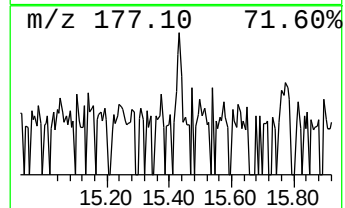
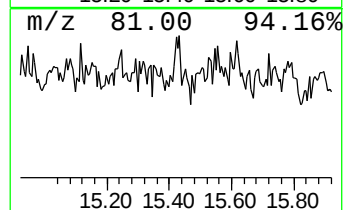
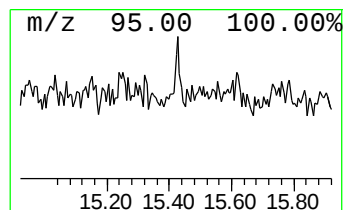
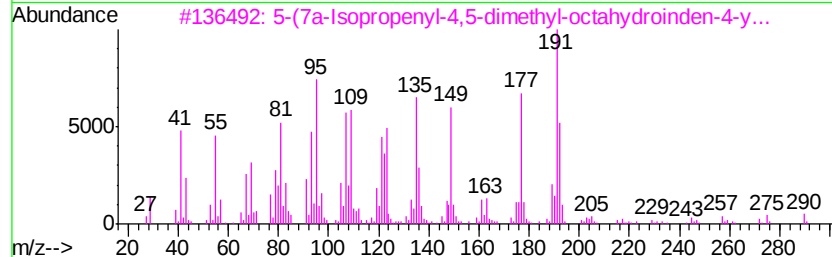
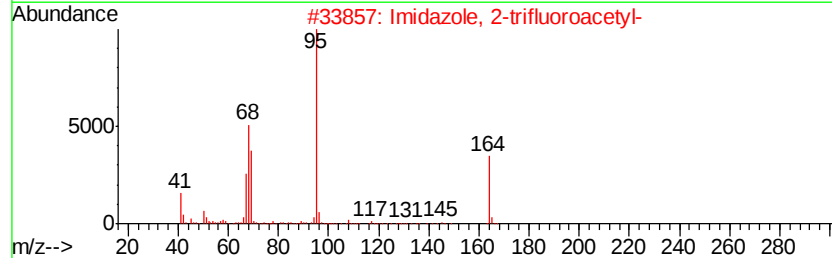
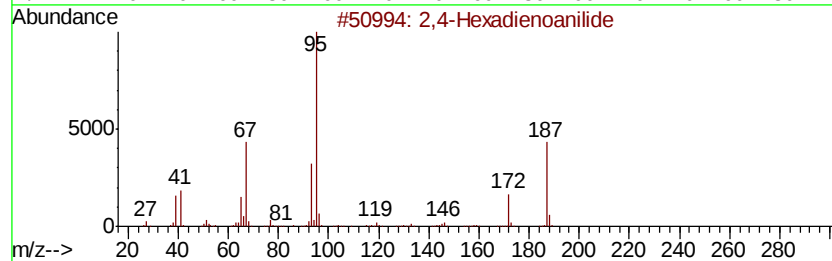
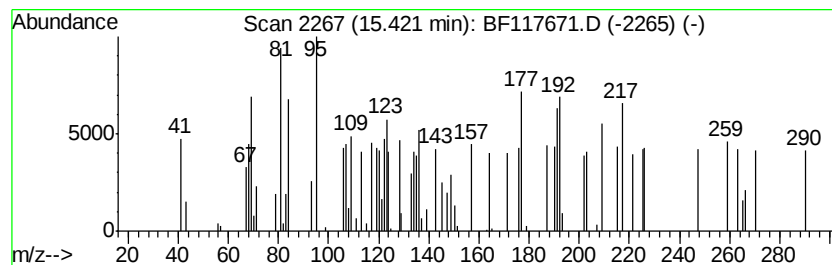
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown-03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	2.73 ng	28848	Perylene-d12	15.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Hexadienoanilide	187	C12H13NO	001483-88-1	11
2		Imidazole, 2-trifluoroacetyl-	164	C5H3F3N2O	105480-29-3	10
3		5-(7a-Isopropenyl-4,5-dimethyl-o...	290	C20H34O	1000193-54-0	10
4		4,8a-Dimethyl-6-(2-methyl-oxiran...	234	C15H22O2	1000189-11-4	10
5		2-Cyclohexen-1-one, 4-ethyl-3,4-...	152	C10H16O	017622-46-7	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117671.D
Acq On : 31 Oct 2019 21:07
Operator : JU
Sample : K5148-13 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-102919

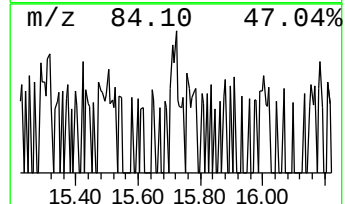
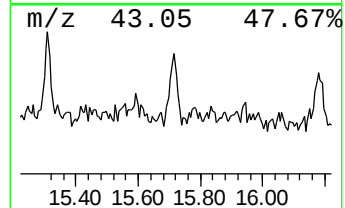
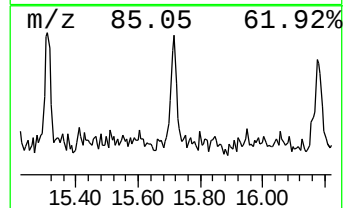
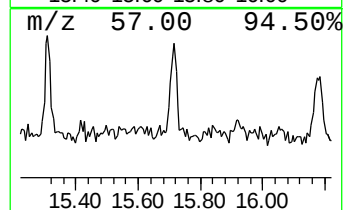
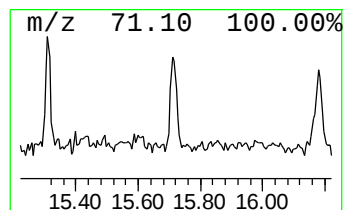
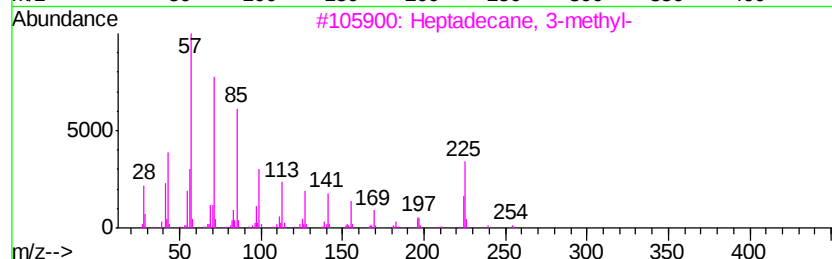
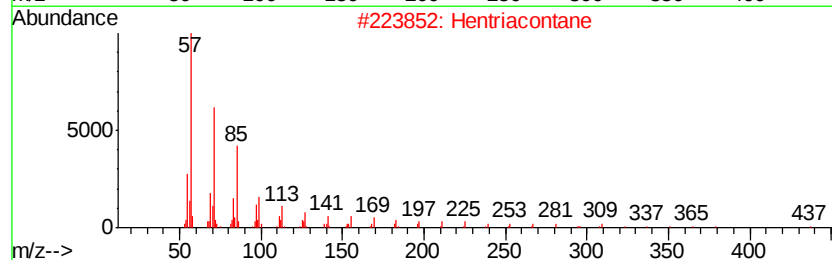
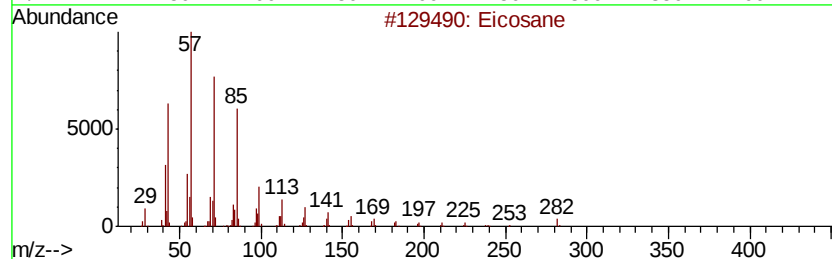
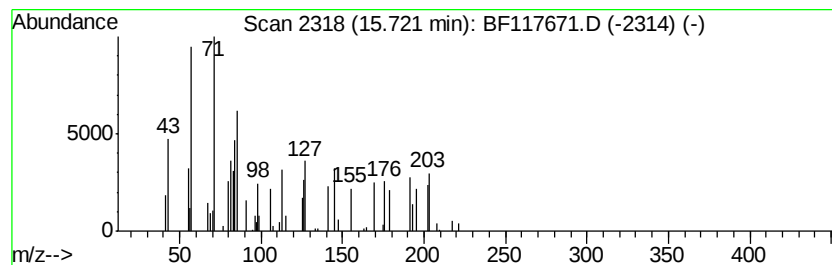
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.62 ng	27688	Perylene-d12	15.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	68
2	Hentriacontane		437	C31H64	000630-04-6	59
3	Heptadecane, 3-methyl-		254	C18H38	006418-44-6	53
4	Hexane, 3,3-dimethyl-		114	C8H18	000563-16-6	50
5	Decane		142	C10H22	000124-18-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117671.D
Acq On : 31 Oct 2019 21:07
Operator : JU
Sample : K5148-13 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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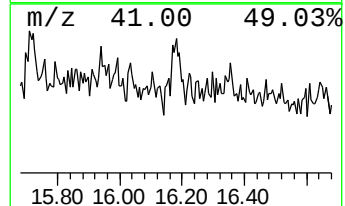
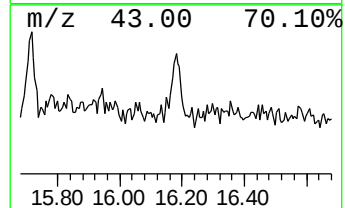
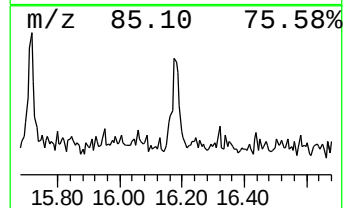
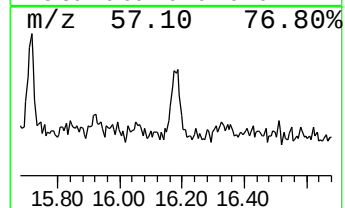
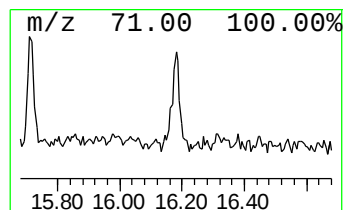
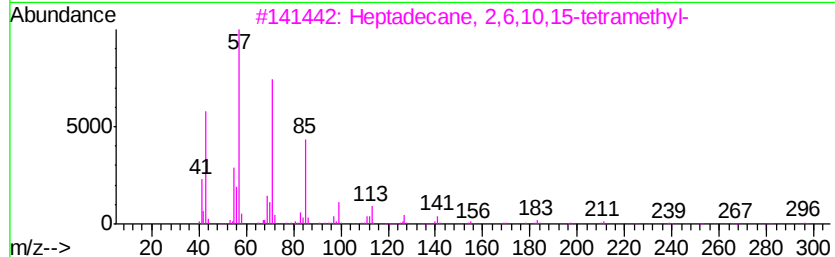
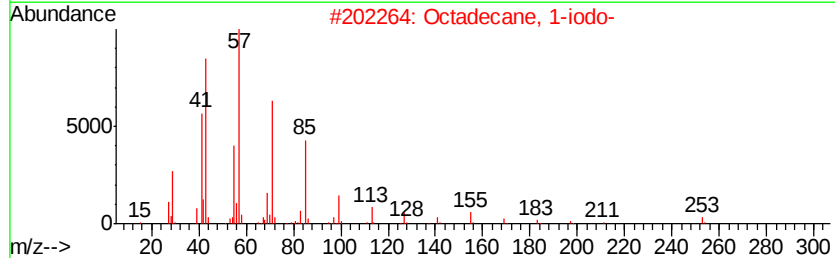
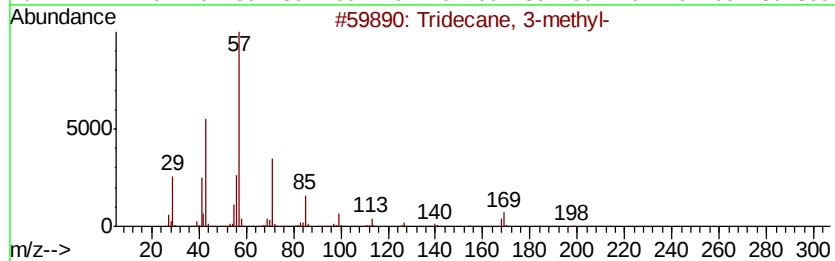
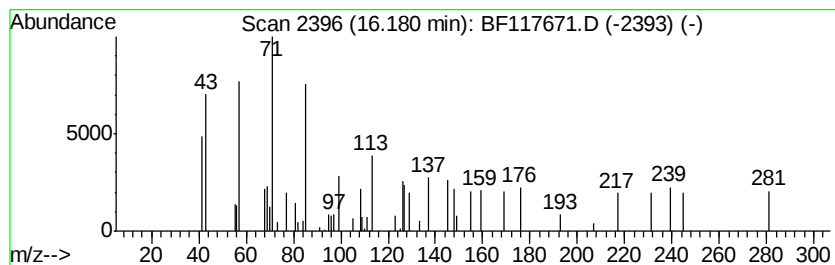
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown-04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	3.29 ng	34711	Perylene-d12	15.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	43
2		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	38
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	38
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	37
5		3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117671.D
Acq On : 31 Oct 2019 21:07
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Misc :
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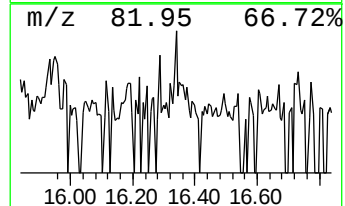
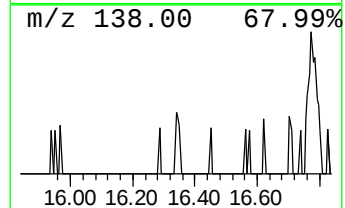
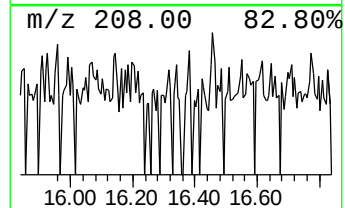
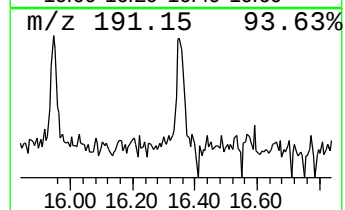
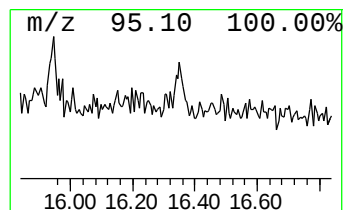
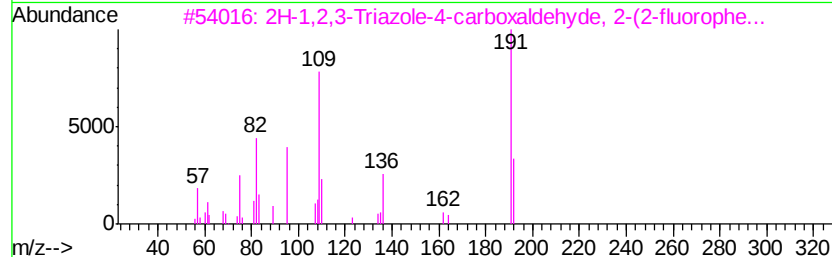
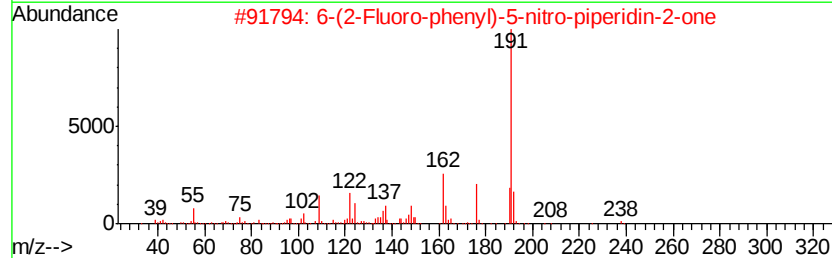
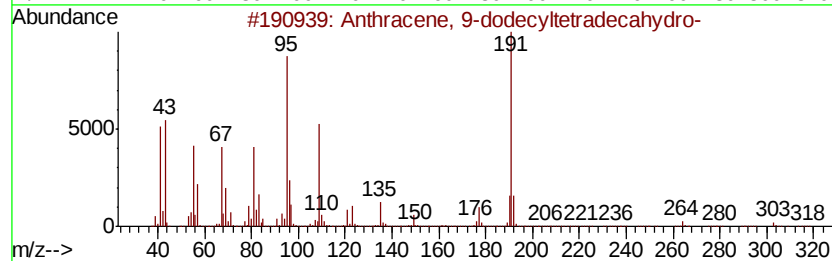
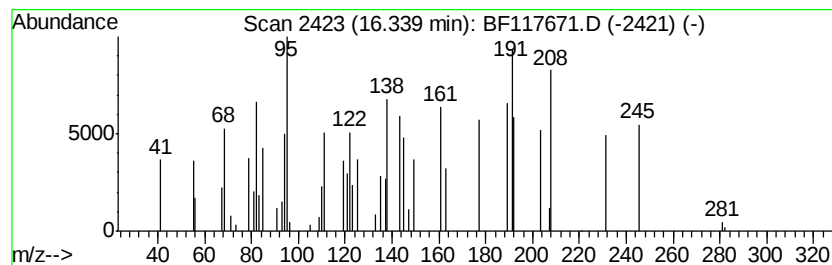
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown-05 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	2.29 ng	24202	Perylene-d12	15.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	43
2			6-(2-Fluoro-phenyl)-5-nitro-pipe...	238	C11H11FN2O3	1000275-16-4	27
3			2H-1,2,3-Triazole-4-carboxaldehv...	191	C9H6FN3O	051306-43-5	25
4			2-Ethoxy-1-methyl-6-oxo-1,2-azap...	191	C7H14N3O3P	093989-00-5	18
5			2-Anthracenyloxirane	220	C16H12O	052643-86-4	17



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117671.D
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ClientSampleId :
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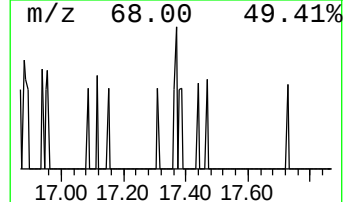
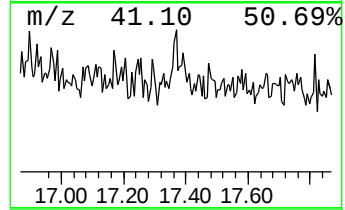
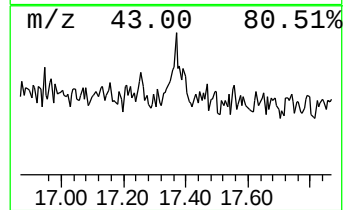
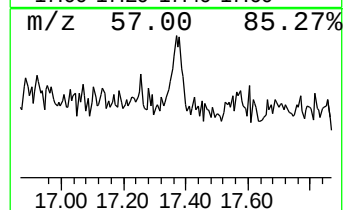
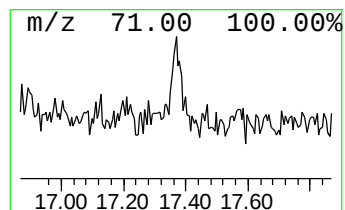
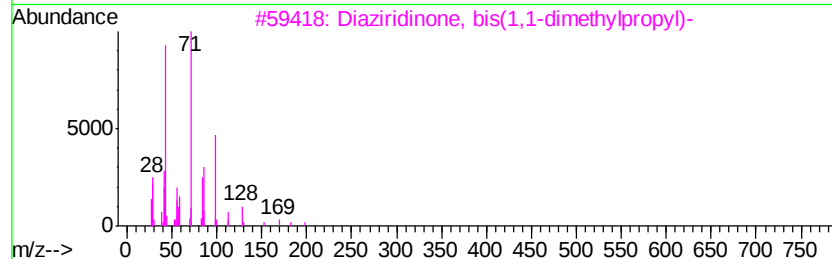
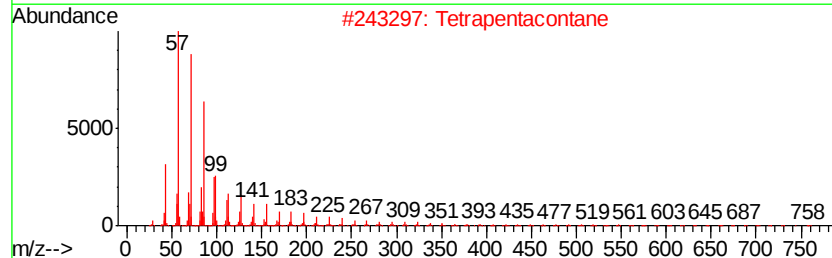
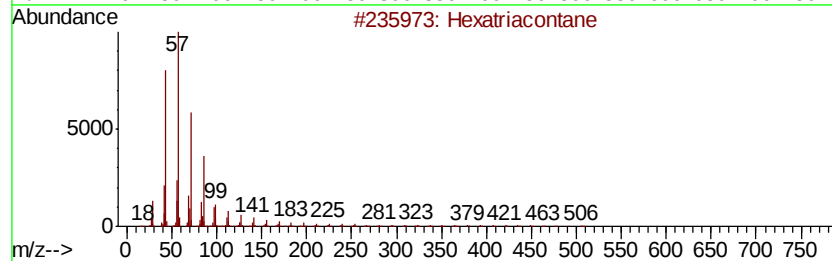
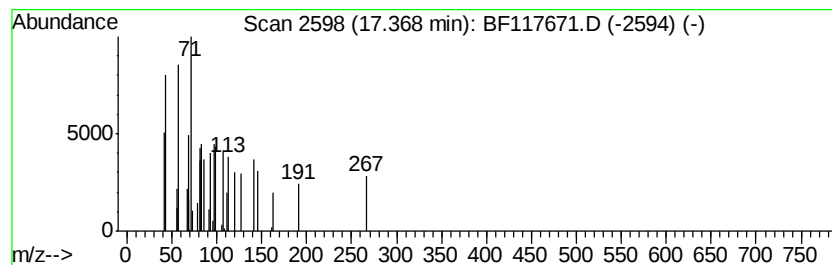
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown-06 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	2.81 ng	29645	Perylene-d12	15.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexatriacontane	507	C36H74	000630-06-8	16
2			Tetrapentacontane	759	C54H110	005856-66-6	12
3			Diaziridinone, bis(1,1-dimethylp...	198	C11H22N2O	019656-75-8	12
4			Nonahexacontanoic acid	999	C69H138O2	040710-32-5	10
5			Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF103119\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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					#	RT	Resp	Conc
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unknown-02	13.73	2.5	ng	40212	5	13.90	317981	20.0
Benzo[a]pyrene	15.22	2.6	ng	27811	6	15.34	211072	20.0
unknown-03	15.42	2.7	ng	28848	6	15.34	211072	20.0
Eicosane	15.72	2.6	ng	27688	6	15.34	211072	20.0
unknown-04	16.18	3.3	ng	34711	6	15.34	211072	20.0
unknown-05	16.34	2.3	ng	24202	6	15.34	211072	20.0
unknown-06	17.37	2.8	ng	29645	6	15.34	211072	20.0