

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113425.D
 Acq On : 29 Mar 2019 20:51
 Operator : JU/SJ
 Sample : K2153-21 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

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-BF032519.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.310	545	548	565	rBV	1204442	1315312	64.42%	4.403%
2	6.345	720	724	739	rBV	1432611	1449246	70.98%	4.851%
3	6.469	742	745	753	rVV	1535535	1473123	72.15%	4.931%
4	6.528	753	755	763	rVB5	13516	23379	1.14%	0.078%
5	6.698	781	784	795	rBV	908132	818461	40.08%	2.740%
6	6.857	807	811	820	rBV	1250325	1127080	55.20%	3.773%
7	7.263	876	880	894	rBV	839327	878410	43.02%	2.941%
8	7.981	999	1002	1014	rBV	999603	1082208	53.00%	3.623%
9	9.057	1181	1185	1199	rBV	1788887	1690413	82.79%	5.659%
10	9.451	1249	1252	1260	rVB	54292	64966	3.18%	0.217%
11	9.592	1273	1276	1282	rVB	40754	37020	1.81%	0.124%
12	9.733	1296	1300	1304	rBV	1258681	1248408	61.14%	4.179%
13	9.763	1304	1305	1316	rVB	73704	61900	3.03%	0.207%
14	9.939	1331	1335	1340	rBV	24496	31136	1.52%	0.104%
15	10.280	1390	1393	1399	rVB2	41330	47641	2.33%	0.159%
16	10.516	1429	1433	1447	rBV	1037418	1130628	55.37%	3.785%
17	10.639	1451	1454	1461	rVB4	17497	27041	1.32%	0.091%
18	10.827	1479	1486	1488	rBV5	16787	25863	1.27%	0.087%
19	11.022	1516	1519	1523	rVB	37475	36001	1.76%	0.121%
20	11.069	1523	1527	1529	rVV3	15412	22159	1.09%	0.074%
21	11.110	1532	1534	1540	rVB	31234	32571	1.60%	0.109%
22	11.210	1547	1551	1553	rBV	1531202	1360918	66.65%	4.556%
23	11.233	1553	1555	1561	rVV	718894	627879	30.75%	2.102%
24	11.286	1561	1564	1568	rVB	131851	132896	6.51%	0.445%
25	11.445	1586	1591	1598	rBV2	65727	95251	4.66%	0.319%
26	11.539	1606	1607	1614	rVB6	17500	27723	1.36%	0.093%
27	11.710	1633	1636	1639	rBV	105718	99126	4.85%	0.332%
28	11.745	1639	1642	1647	rVV2	287139	355787	17.42%	1.191%
29	11.786	1647	1649	1652	rVV	57866	65919	3.23%	0.221%
30	11.821	1652	1655	1657	rVV	177362	184693	9.05%	0.618%
31	11.845	1657	1659	1663	rVV	70510	76844	3.76%	0.257%
32	11.886	1663	1666	1669	rVV2	38078	36015	1.76%	0.121%
33	12.004	1683	1686	1689	rBV	69607	61159	3.00%	0.205%
34	12.033	1689	1691	1695	rVB	51876	51820	2.54%	0.173%

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35	12.157	1707	1712	1714	rBV2	34141	42470	2.08%	0.142%
36	12.186	1714	1717	1719	rBV	35830	28437	1.39%	0.095%
37	12.257	1726	1729	1732	rBV	79324	81431	3.99%	0.273%
38	12.298	1732	1736	1740	rVV4	57995	96127	4.71%	0.322%
39	12.339	1740	1743	1748	rVB2	73450	105573	5.17%	0.353%
40	12.416	1752	1756	1762	rBV	1079698	1029610	50.43%	3.447%
41	12.527	1770	1775	1778	rBV2	208774	288791	14.14%	0.967%
42	12.645	1789	1795	1798	rBV	973315	1037560	50.81%	3.473%
43	12.698	1801	1804	1808	rVB2	37821	50874	2.49%	0.170%
44	12.786	1812	1819	1827	rBV	2052180	1941600	95.09%	6.500%
45	12.874	1828	1834	1839	rBV4	69992	163622	8.01%	0.548%
46	12.951	1844	1847	1848	rVV2	67070	76513	3.75%	0.256%
47	12.974	1848	1851	1854	rVB	271158	261498	12.81%	0.875%
48	13.039	1859	1862	1864	rVV	79434	68720	3.37%	0.230%
49	13.074	1865	1868	1872	rVV	109198	126114	6.18%	0.422%
50	13.110	1872	1874	1876	rVB3	48756	35739	1.75%	0.120%
51	13.163	1880	1883	1886	rBV2	263450	238378	11.67%	0.798%
52	13.198	1886	1889	1893	rVB3	88372	93474	4.58%	0.313%
53	13.263	1897	1900	1903	rBV2	101785	99674	4.88%	0.334%
54	13.374	1913	1919	1921	rBV3	161246	222696	10.91%	0.745%
55	13.480	1934	1937	1941	rVB	167485	162931	7.98%	0.545%
56	13.521	1941	1944	1949	rVB3	53982	58611	2.87%	0.196%
57	13.586	1952	1955	1958	rBV	106046	115259	5.64%	0.386%
58	13.615	1958	1960	1962	rVB	77526	56670	2.78%	0.190%
59	13.639	1962	1964	1965	rBV	64347	47759	2.34%	0.160%
60	13.663	1965	1968	1970	rVB3	97948	98404	4.82%	0.329%
61	13.692	1970	1973	1976	rBV	96425	128551	6.30%	0.430%
62	13.839	1990	1998	2000	rBV2	1585173	2041858	100.00%	6.835%
63	13.863	2000	2002	2010	rVB	634745	650170	31.84%	2.176%
64	13.939	2013	2015	2018	rVB	72253	67002	3.28%	0.224%
65	14.086	2037	2040	2044	rVB4	87311	103749	5.08%	0.347%
66	14.221	2061	2063	2066	rVB	95419	85656	4.20%	0.287%
67	14.257	2067	2069	2073	rVB	55854	44125	2.16%	0.148%
68	14.310	2075	2078	2082	rVB3	92626	104519	5.12%	0.350%
69	14.345	2082	2084	2086	rBV2	59870	61480	3.01%	0.206%
70	14.533	2114	2116	2121	rBV3	62410	68615	3.36%	0.230%
71	14.604	2125	2128	2131	rVB	116960	102635	5.03%	0.344%

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72	14.845	2165	2169	2177	rBV	528510	910125	44.57%	3.047%
73	14.915	2178	2181	2184	rVV	140995	147181	7.21%	0.493%
74	14.945	2184	2186	2189	rVB	79350	75871	3.72%	0.254%
75	15.121	2213	2216	2222	rVB	274487	357617	17.51%	1.197%
76	15.180	2222	2226	2231	rBV	385972	478995	23.46%	1.603%
77	15.239	2232	2236	2239	rBV	976550	1240858	60.77%	4.154%
78	15.657	2304	2307	2315	rBV	91769	133037	6.52%	0.445%
79	16.115	2382	2385	2390	rVB2	58945	83826	4.11%	0.281%
80	16.592	2461	2466	2472	rBV2	166696	308082	15.09%	1.031%
81	16.998	2530	2535	2544	rVB	124551	250978	12.29%	0.840%

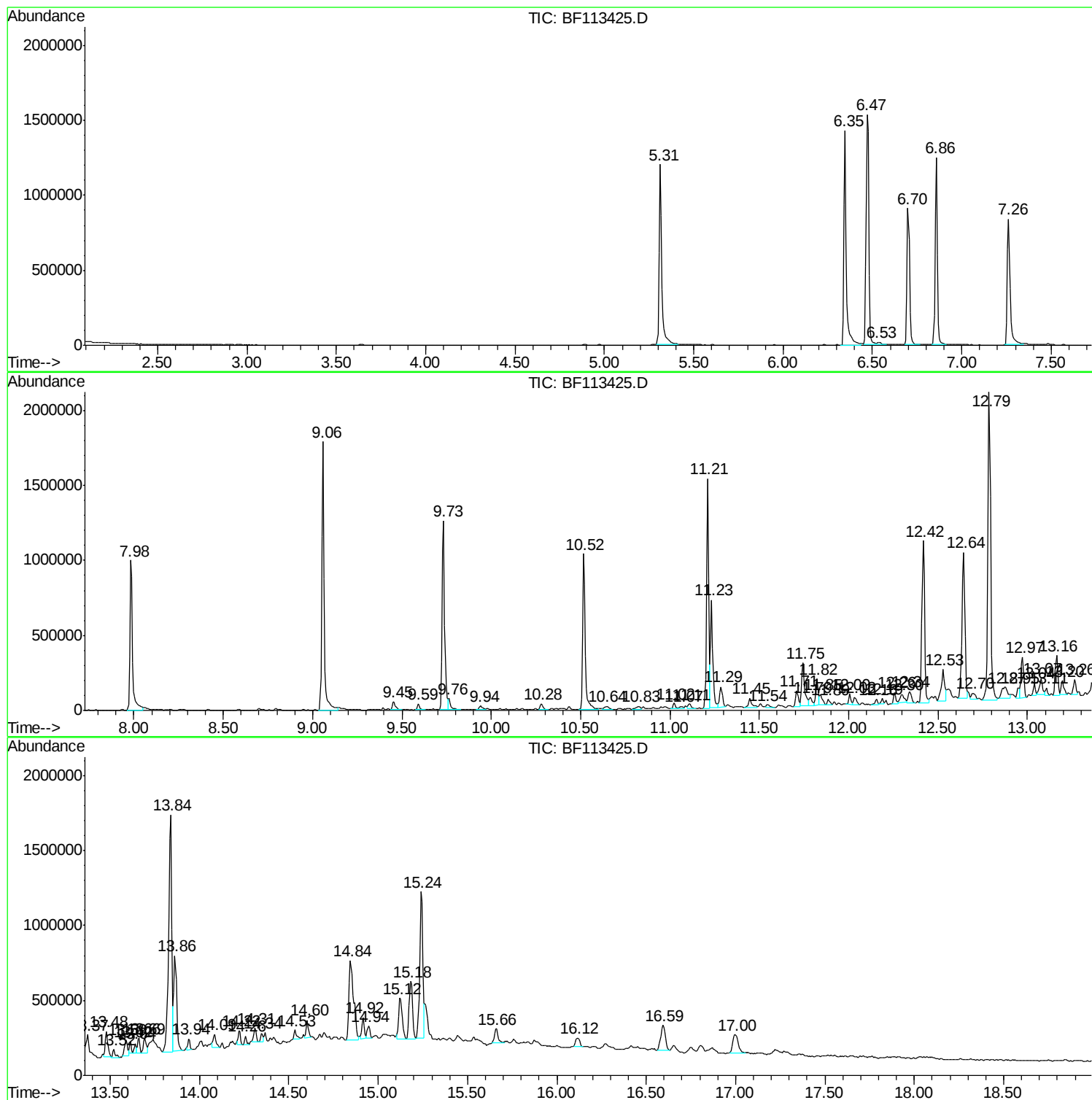
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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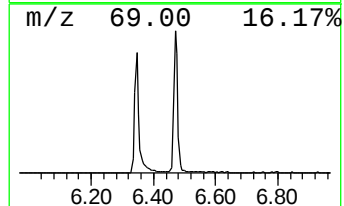
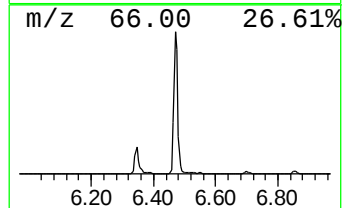
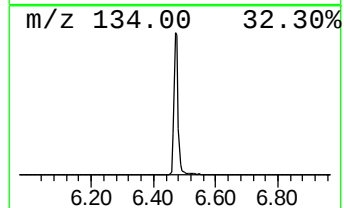
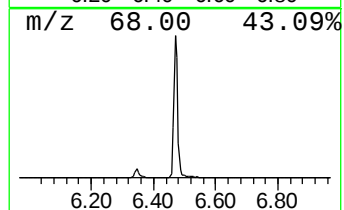
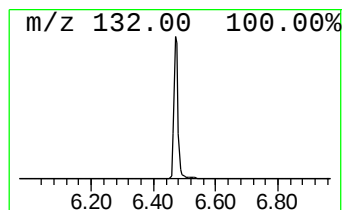
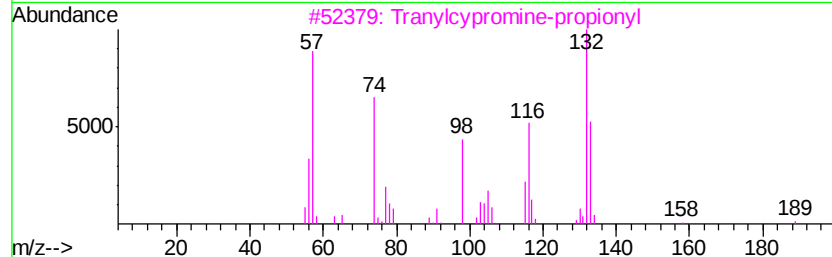
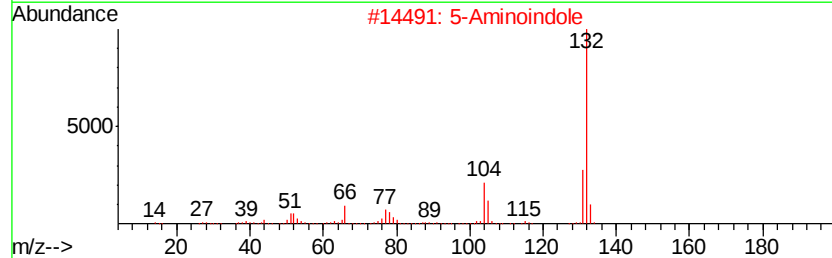
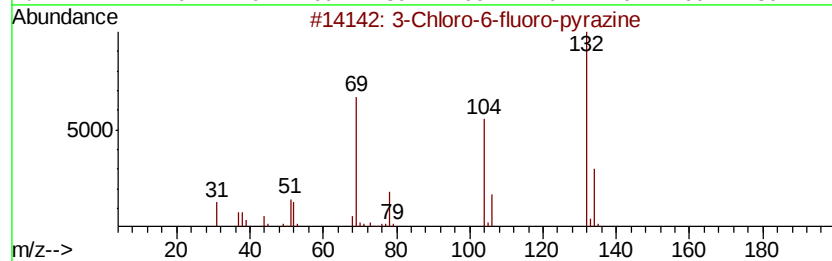
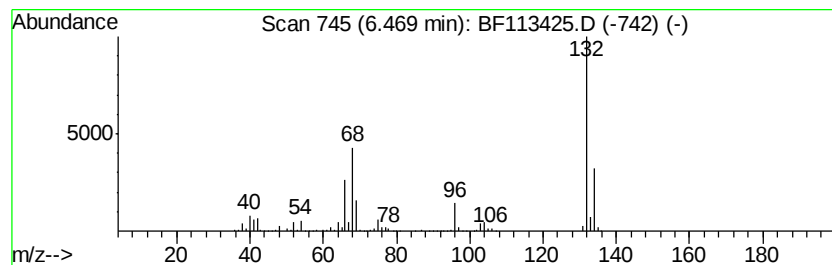
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	36.00 ng	1473120	1,4-Dichlorobenzene-d4	6.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5			1-Aminoindan	133	C9H11N	034698-41-4	9



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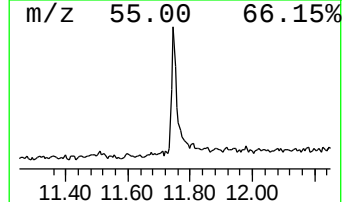
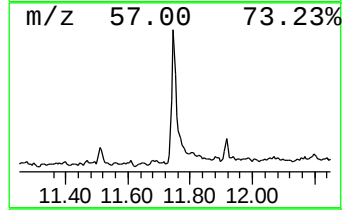
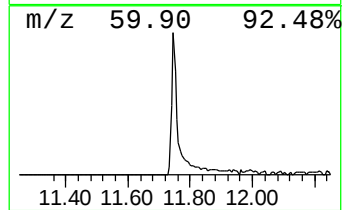
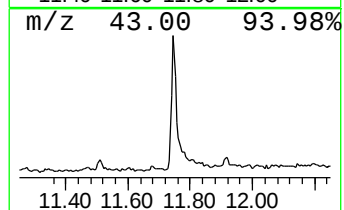
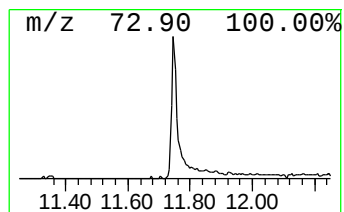
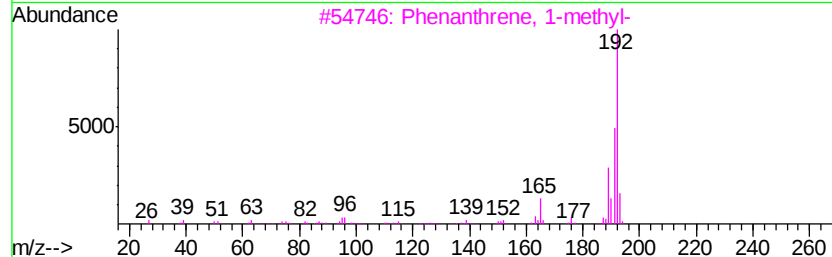
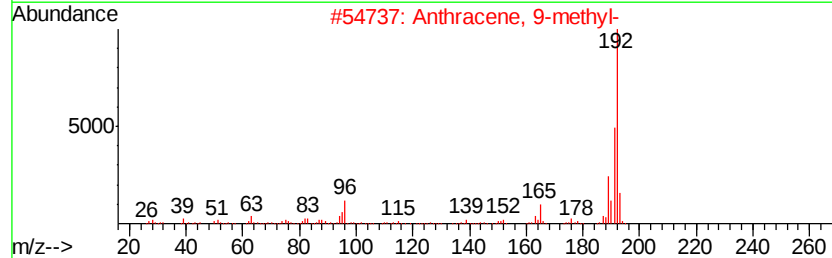
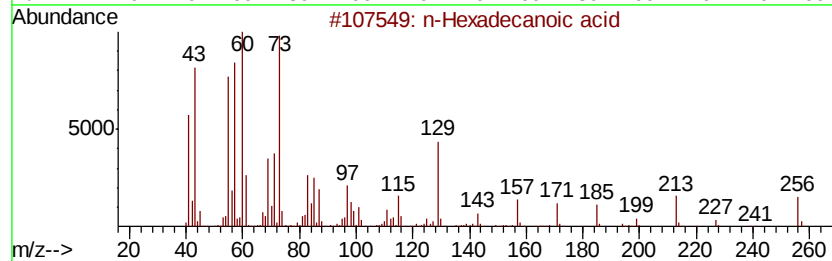
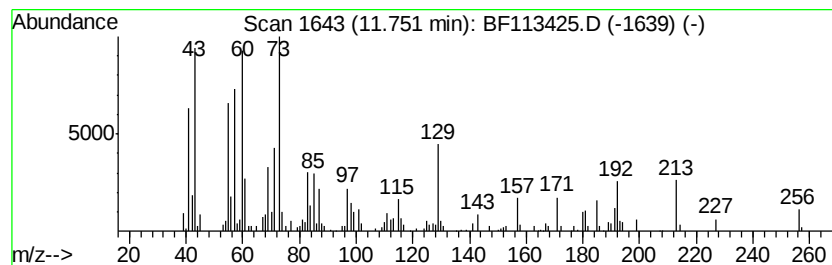
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	5.23 ng	355787	Phenanthrene-d10	11.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	83
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	80



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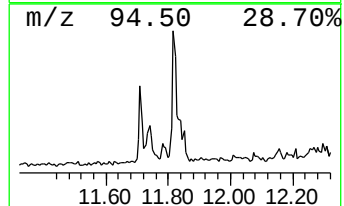
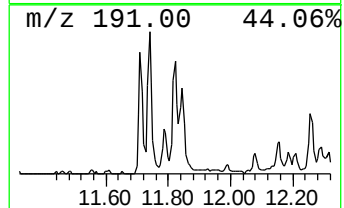
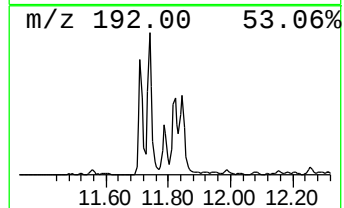
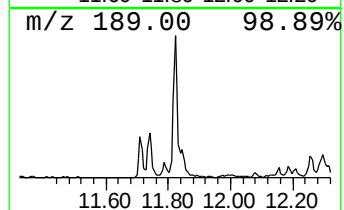
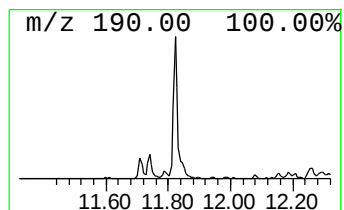
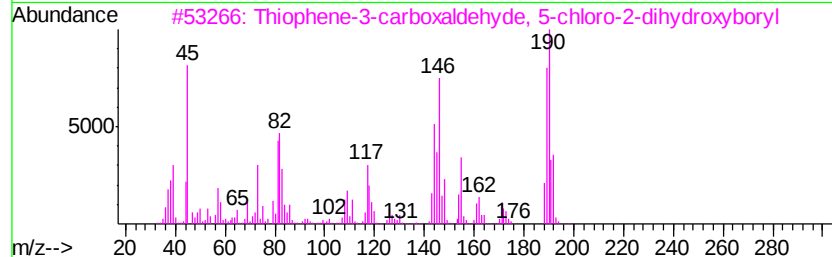
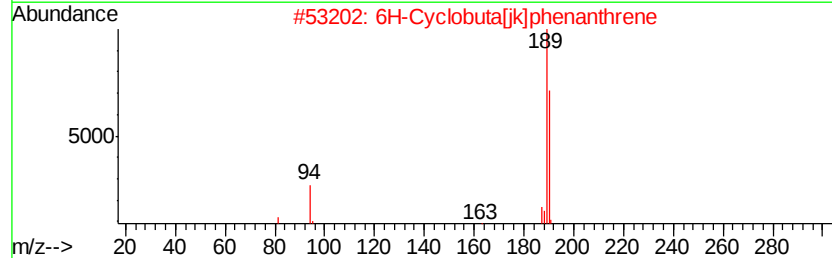
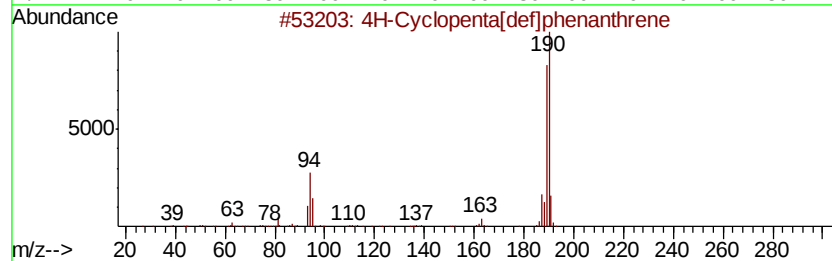
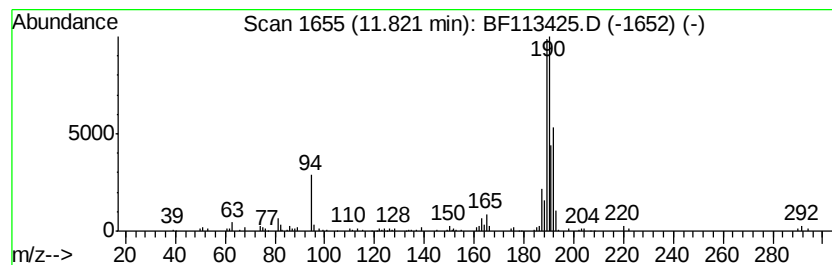
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Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.82	2.71 ng	184693	Phenanthrene-d10	11.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	18



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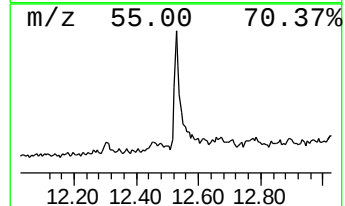
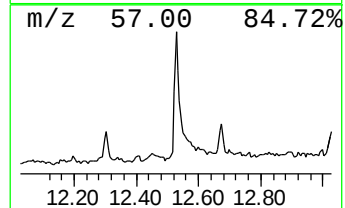
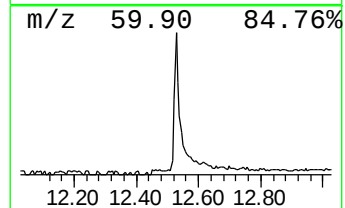
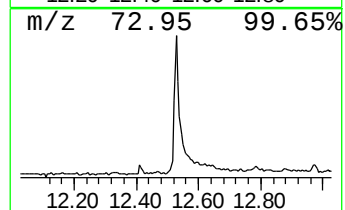
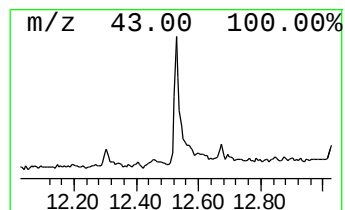
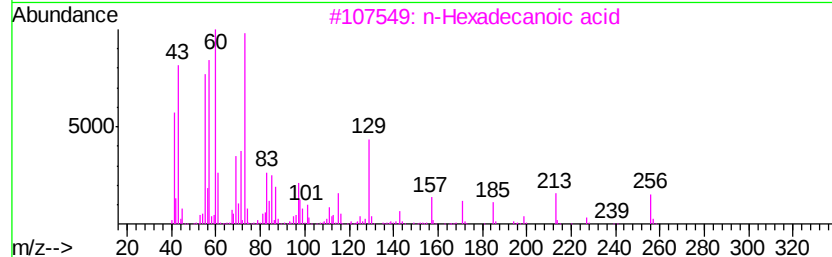
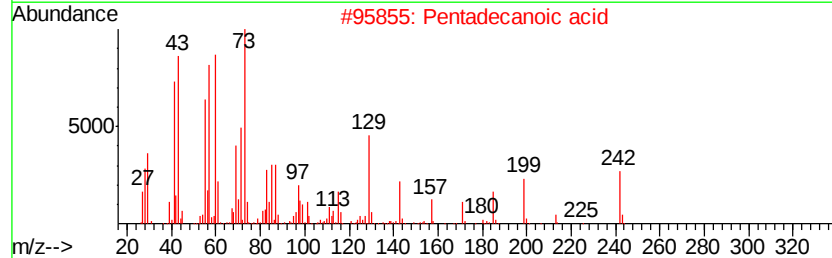
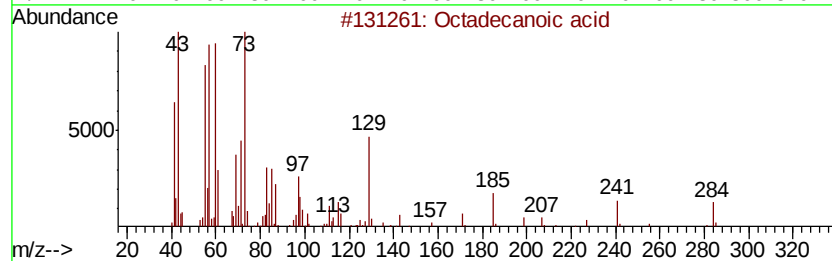
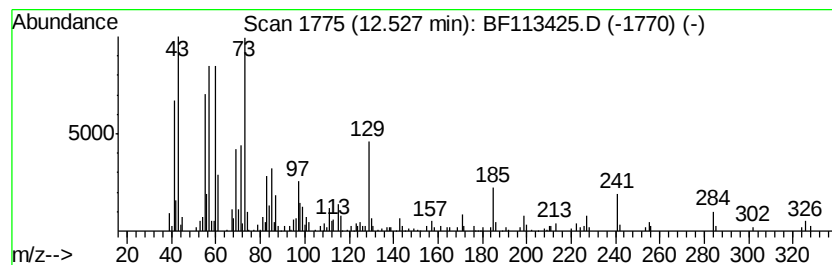
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.83 ng	288791	Chrysene-d12	13.84

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	83
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4		n-Decanoic acid	172	C10H20O2	000334-48-5	64
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113425.D
Acq On : 29 Mar 2019 20:51
Operator : JU/SJ
Sample : K2153-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

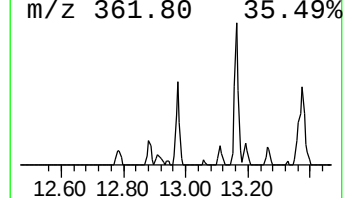
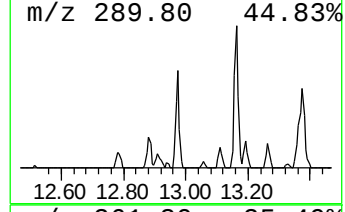
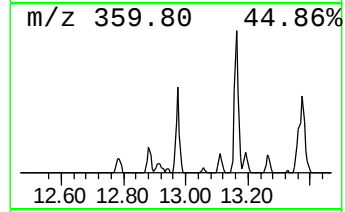
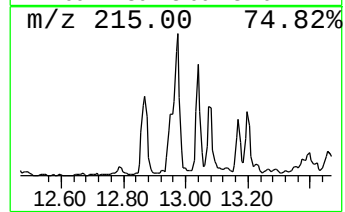
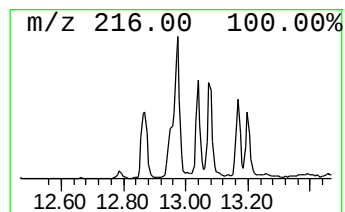
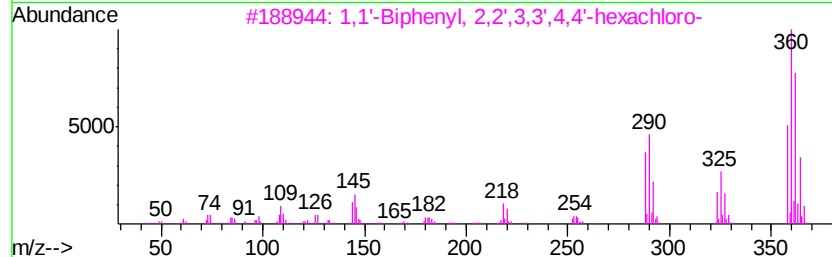
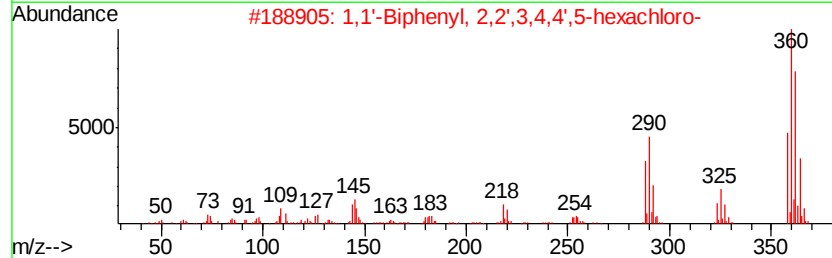
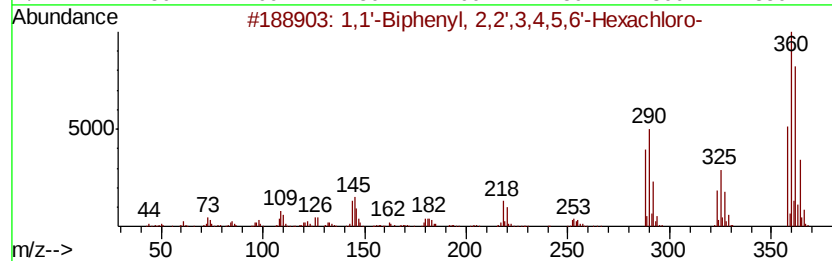
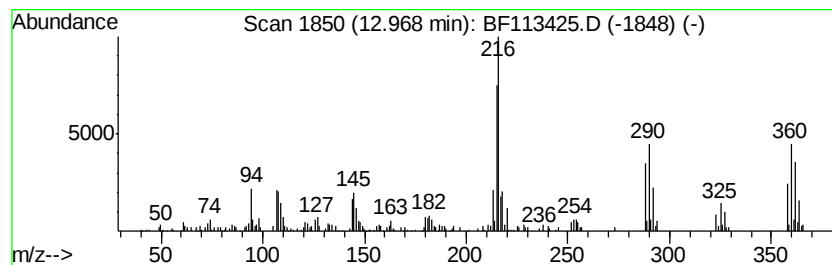
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BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,2',3,4,5,6... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.97	2.56 ng	261498	Chrysene-d12	13.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	98
2	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	98
3	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	97
4	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	97
5	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113425.D
Acq On : 29 Mar 2019 20:51
Operator : JU/SJ
Sample : K2153-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

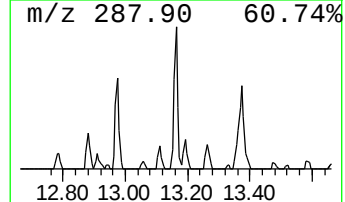
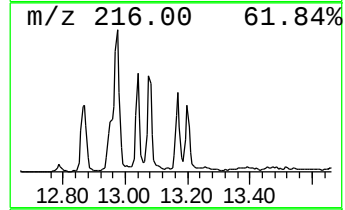
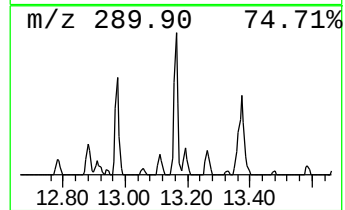
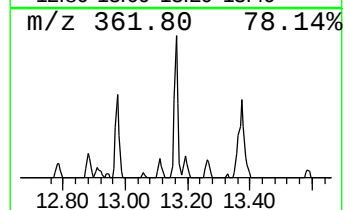
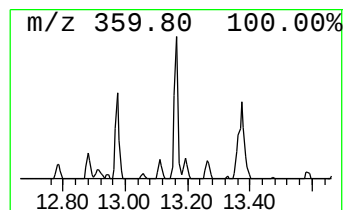
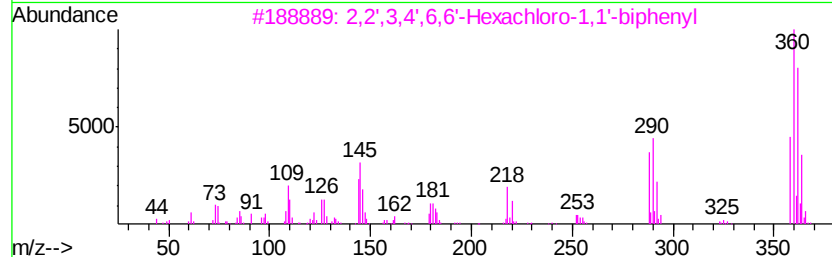
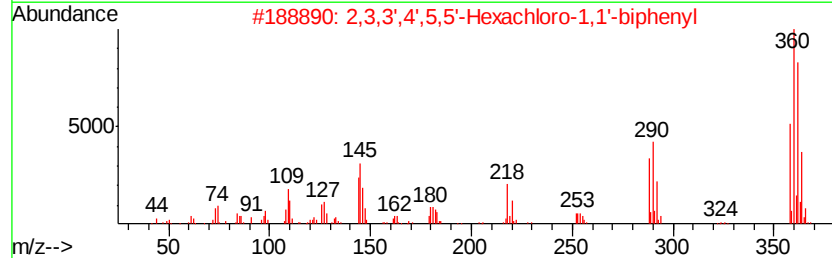
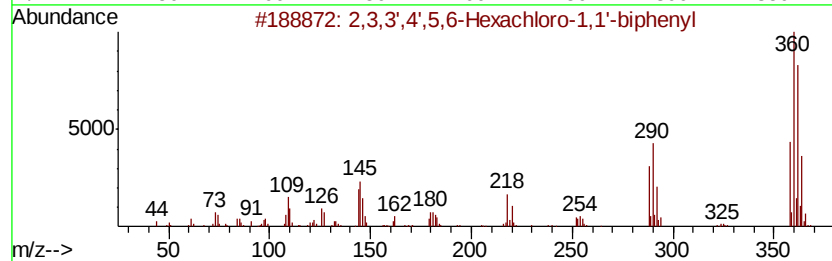
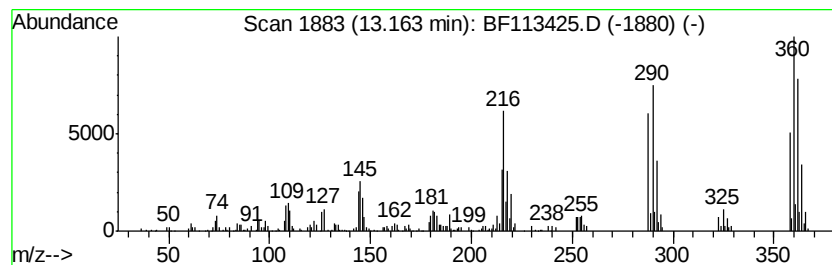
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2,3,3',4',5,6-Hexachloro-1,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.33 ng	238378	Chrysene-d12	13.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
2		2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
3		2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
4		1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
5		2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113425.D
Acq On : 29 Mar 2019 20:51
Operator : JU/SJ
Sample : K2153-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

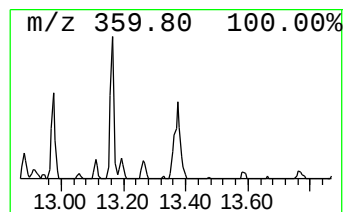
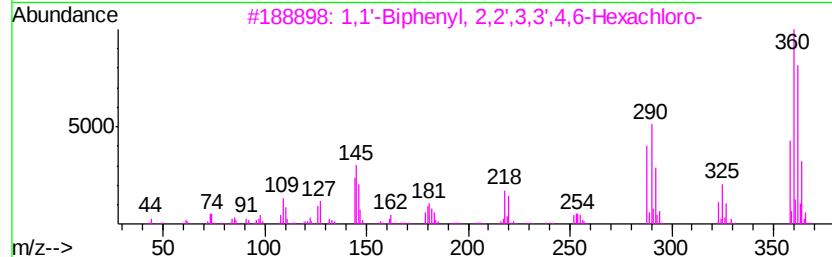
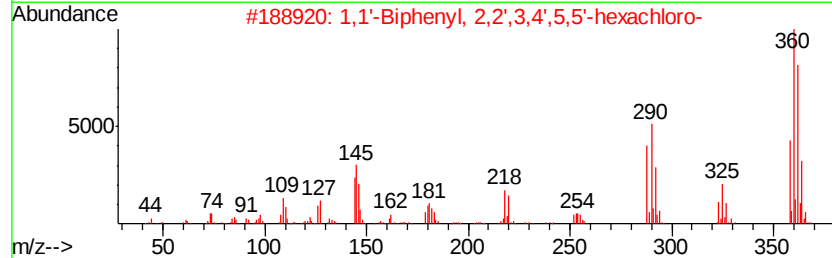
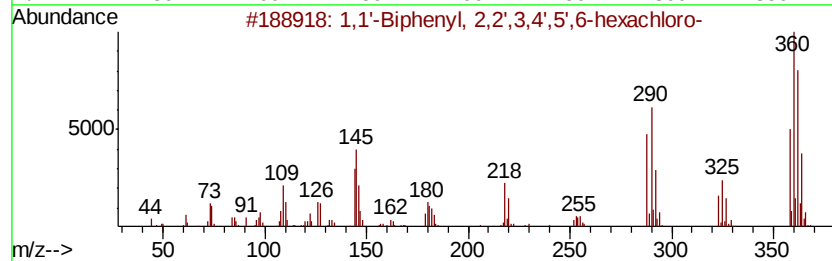
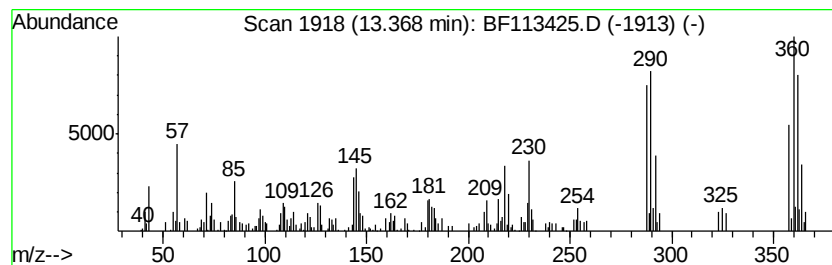
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 2,2',3,4',5'... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.37	2.18 ng	222696	Chrysene-d12	13.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
2	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
3	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
4	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
5	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113425.D
Acq On : 29 Mar 2019 20:51
Operator : JU/SJ
Sample : K2153-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

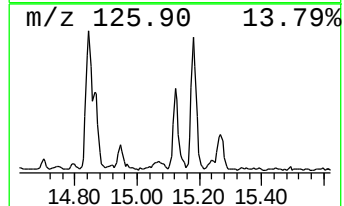
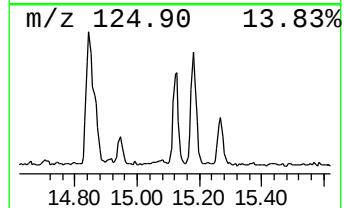
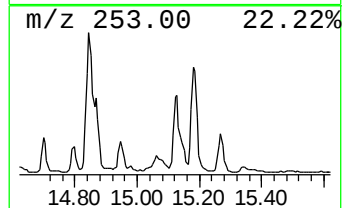
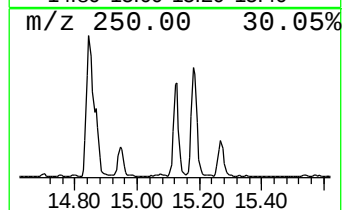
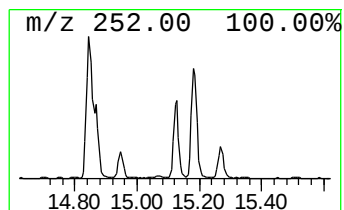
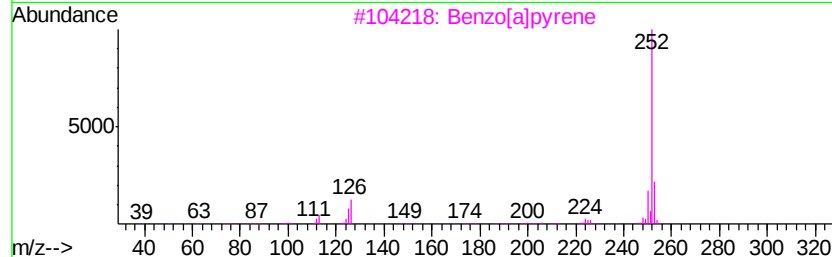
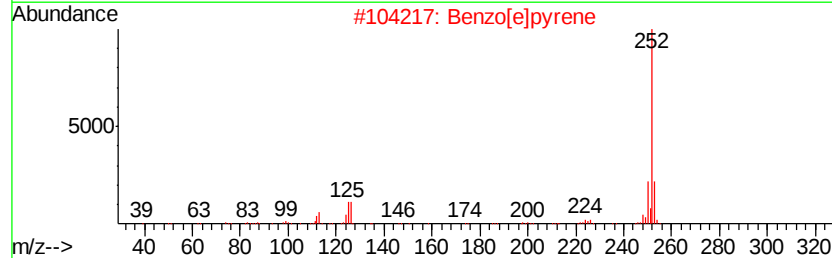
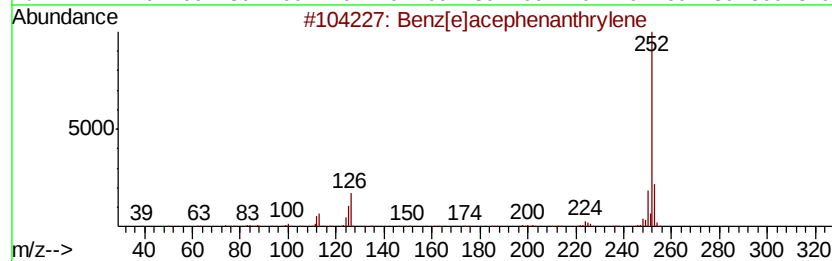
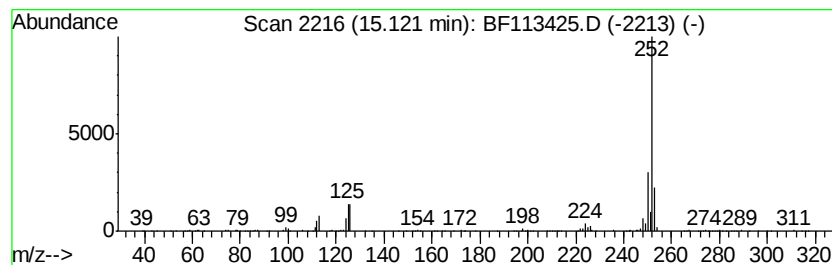
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	5.76 ng	357617	Perylene-d12	15.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	99
2		Benzo[e]pyrene	252	C20H12	000192-97-2	99
3		Benzo[a]pyrene	252	C20H12	000050-32-8	97
4		Perylene	252	C20H12	000198-55-0	95
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113425.D
Acq On : 29 Mar 2019 20:51
Operator : JU/SJ
Sample : K2153-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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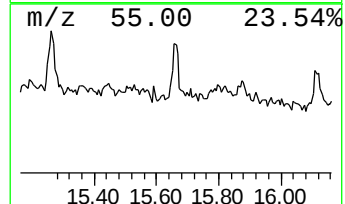
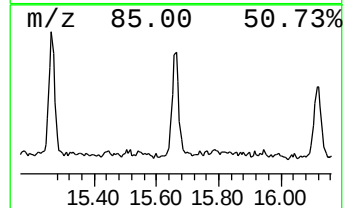
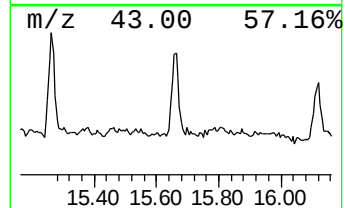
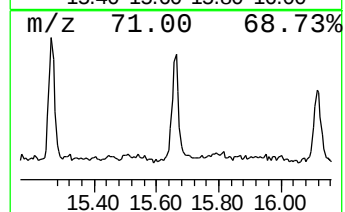
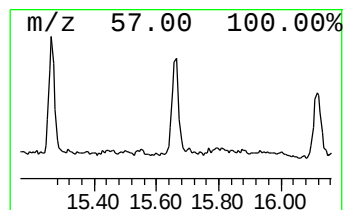
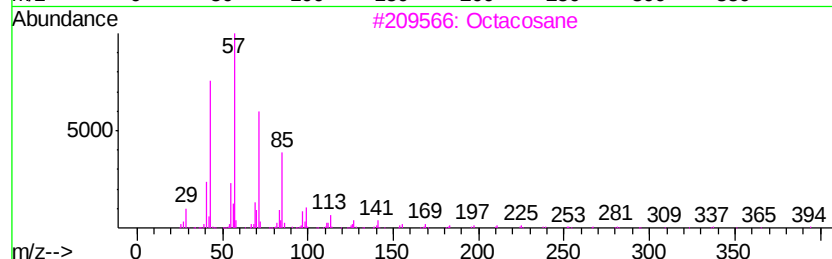
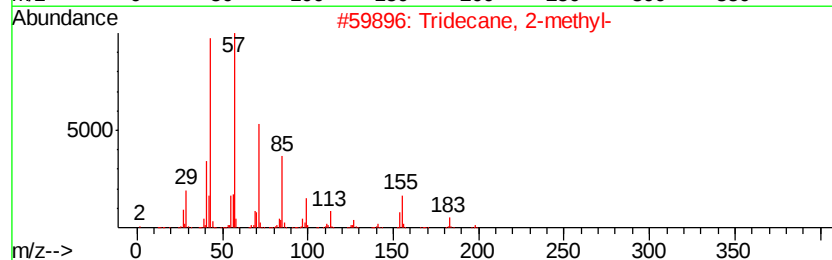
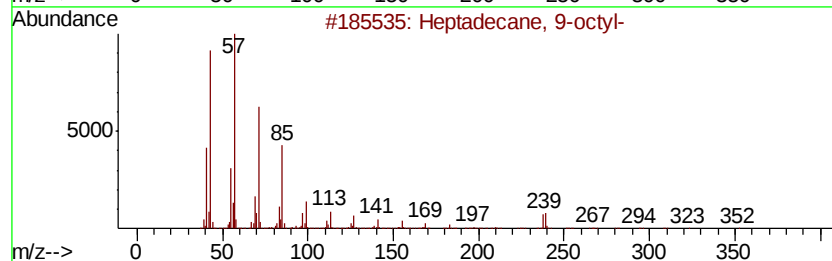
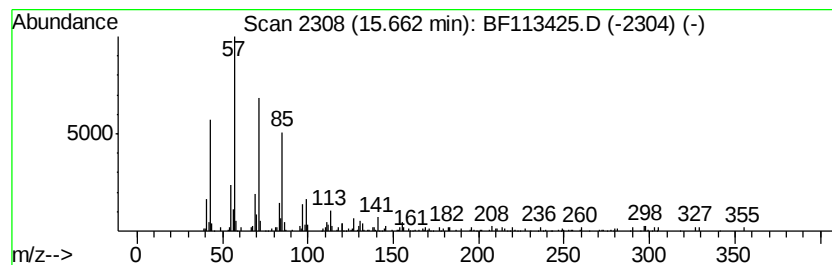
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.14 ng	133037	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
3		Octacosane	394	C28H58	000630-02-4	76
4		Decane, 1-iodo-	268	C10H21I	002050-77-3	76
5		Heptadecane, 3-methyl-	254	C18H38	006418-44-6	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113425.D
Acq On : 29 Mar 2019 20:51
Operator : JU/SJ
Sample : K2153-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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
unknown6.47	6.47	36.0	ng	1473120	1	6.70	818461	20.0
n-Hexadecanoic acid	11.75	5.2	ng	355787	4	11.21	1360920	20.0
4H-Cyclopenta[def...	11.82	2.7	ng	184693	4	11.21	1360920	20.0
Octadecanoic acid	12.53	2.8	ng	288791	5	13.84	2041860	20.0
1,1'-Biphenyl, 2,...	12.97	2.6	ng	261498	5	13.84	2041860	20.0
2,3,3',4',5,6-Hex...	13.16	2.3	ng	238378	5	13.84	2041860	20.0
1,1'-Biphenyl, 2,...	13.37	2.2	ng	222696	5	13.84	2041860	20.0
Benzo[e]pyrene	15.12	5.8	ng	357617	6	15.24	1240860	20.0
Heptadecane, 9-oc...	15.66	2.1	ng	133037	6	15.24	1240860	20.0