

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060519\
 Data File : BF114832.D
 Acq On : 5 Jun 2019 21:41
 Operator : HP/JU
 Sample : K3183-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-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-BF060419.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	5.275	536	542	545	rBV	5890607	6302307	82.25%	7.133%
2	6.304	712	717	720	rBV	5541932	6427624	83.88%	7.275%
3	6.440	735	740	743	rBV	6451275	6824054	89.06%	7.724%
4	6.669	775	779	782	rBV	2326248	1989914	25.97%	2.252%
5	6.822	801	805	809	rBV	5685201	5450565	71.13%	6.169%
6	7.228	869	874	877	rBV	4480417	4309032	56.23%	4.877%
7	7.945	992	996	999	rBV	2967851	2646930	34.54%	2.996%
8	9.028	1175	1180	1183	rBV	8185572	7662551	100.00%	8.673%
9	9.416	1242	1246	1249	rBV	1757290	1380030	18.01%	1.562%
10	9.551	1266	1269	1274	rBV	118286	120521	1.57%	0.136%
11	9.692	1288	1293	1297	rBV	3249595	3172246	41.40%	3.591%
12	9.728	1297	1299	1302	rVB	138656	115929	1.51%	0.131%
13	9.898	1324	1328	1332	rVB	93241	106153	1.39%	0.120%
14	10.233	1383	1385	1392	rVB	134764	130382	1.70%	0.148%
15	10.480	1422	1427	1430	rBV	5289607	5306456	69.25%	6.006%
16	11.169	1540	1544	1546	rBV	3933336	3346373	43.67%	3.788%
17	11.192	1546	1548	1551	rVV	1337672	981301	12.81%	1.111%
18	11.239	1551	1556	1559	rVB2	312853	396218	5.17%	0.448%
19	11.498	1596	1600	1604	rVB3	64956	84447	1.10%	0.096%
20	11.669	1626	1629	1631	rBV	257329	206387	2.69%	0.234%
21	11.716	1634	1637	1640	rVV	1550596	1488256	19.42%	1.685%
22	11.775	1644	1647	1650	rVV	411071	460698	6.01%	0.521%
23	11.798	1650	1651	1654	rVB	198906	145895	1.90%	0.165%
24	11.963	1676	1679	1680	rBV	158078	119880	1.56%	0.136%
25	11.980	1680	1682	1686	rVB2	124069	108762	1.42%	0.123%
26	12.216	1719	1722	1725	rBV	210088	215147	2.81%	0.244%
27	12.251	1725	1728	1730	rVV	115560	110085	1.44%	0.125%
28	12.298	1733	1736	1741	rVB3	114461	169757	2.22%	0.192%
29	12.374	1745	1749	1752	rBV	1603084	1503220	19.62%	1.701%
30	12.422	1755	1757	1762	rVB4	71730	87007	1.14%	0.098%
31	12.492	1766	1769	1779	rBV4	543992	741257	9.67%	0.839%
32	12.598	1782	1787	1790	rBV	1672078	1647141	21.50%	1.864%
33	12.722	1805	1808	1809	rBV	92275	85666	1.12%	0.097%
34	12.751	1809	1813	1817	rVV	7208496	7525164	98.21%	8.517%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	12.822	1822	1825	1828	rVB	139178	156882	2.05%	0.178%
36	12.904	1837	1839	1841	rBV	123702	147720	1.93%	0.167%
37	12.927	1841	1843	1846	rVB	285140	245839	3.21%	0.278%
38	12.992	1852	1854	1858	rVB2	193321	170211	2.22%	0.193%
39	13.027	1858	1860	1863	rVB	230670	187379	2.45%	0.212%
40	13.121	1873	1876	1879	rBV	174697	140128	1.83%	0.159%
41	13.151	1879	1881	1885	rVB	153874	132076	1.72%	0.149%
42	13.427	1926	1928	1933	rVB	122037	151637	1.98%	0.172%
43	13.539	1943	1947	1950	rBV2	140774	208047	2.72%	0.235%
44	13.657	1964	1967	1974	rVB2	1590825	1658207	21.64%	1.877%
45	13.792	1985	1990	1992	rBV2	2902912	3366532	43.93%	3.810%
46	13.816	1992	1994	1996	rVB	699198	528296	6.89%	0.598%
47	13.986	2019	2023	2025	rBV2	271963	288397	3.76%	0.326%
48	14.174	2053	2055	2058	rVB	217931	164701	2.15%	0.186%
49	14.210	2058	2061	2064	rBV	136757	122949	1.60%	0.139%
50	14.292	2072	2075	2078	rBV2	574956	589090	7.69%	0.667%
51	14.586	2121	2125	2129	rBV	559920	563853	7.36%	0.638%
52	14.786	2155	2159	2167	rBV	679680	1250446	16.32%	1.415%
53	14.892	2173	2177	2185	rVB2	644909	827127	10.79%	0.936%
54	15.057	2202	2205	2211	rVB	413622	481847	6.29%	0.545%
55	15.115	2211	2215	2220	rBV	585840	649914	8.48%	0.736%
56	15.174	2220	2225	2228	rVV	2214772	2512916	32.79%	2.844%
57	15.233	2232	2235	2240	rVB	489912	586841	7.66%	0.664%
58	15.627	2298	2302	2305	rBV	415026	554922	7.24%	0.628%
59	15.668	2305	2309	2317	rVB2	375595	627865	8.19%	0.711%
60	16.080	2376	2379	2388	rVB2	212286	339988	4.44%	0.385%
61	16.474	2443	2446	2453	rVB2	208751	328712	4.29%	0.372%

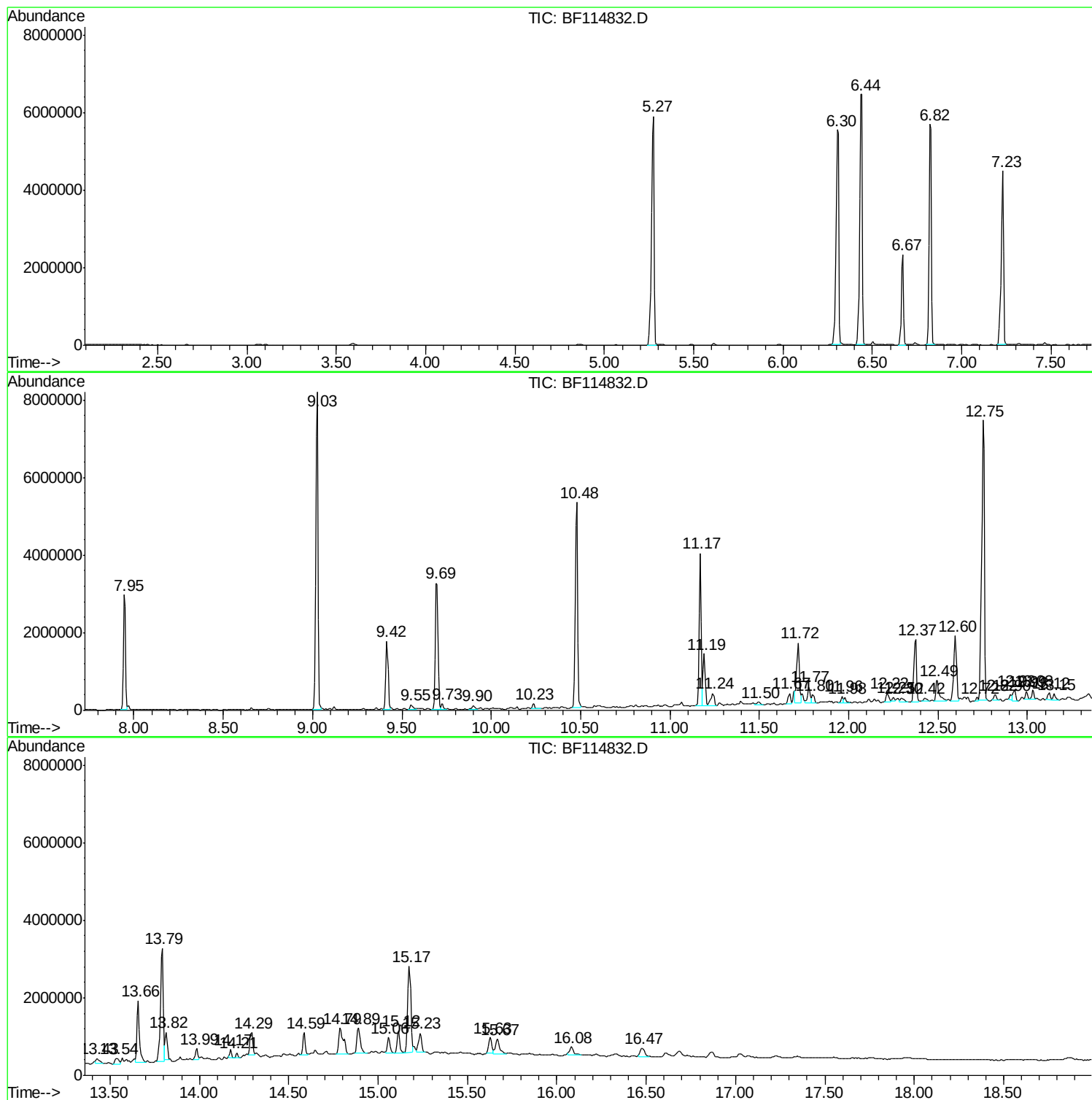
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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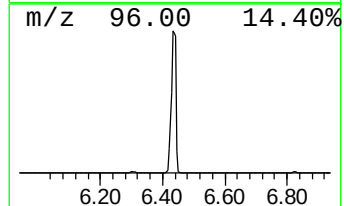
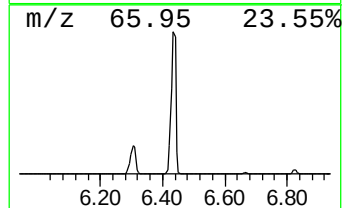
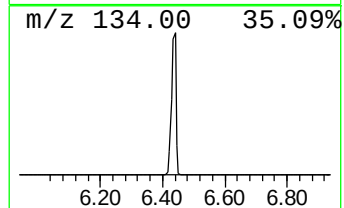
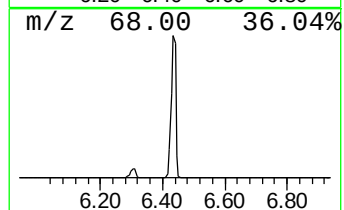
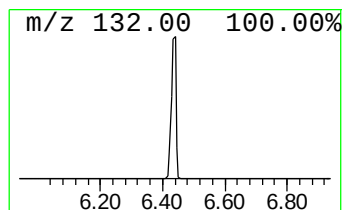
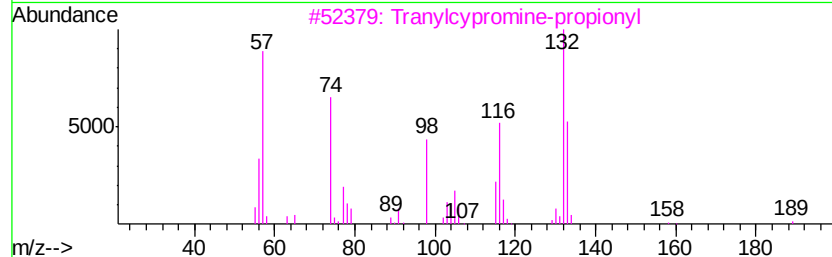
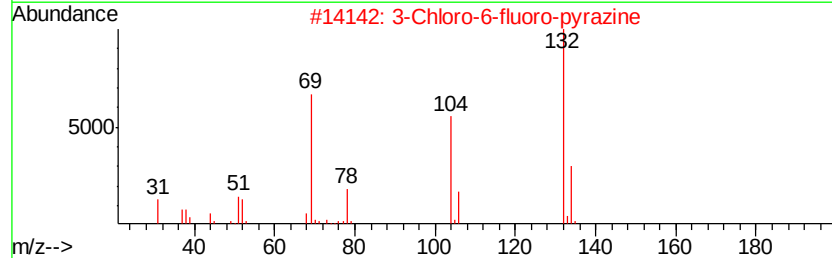
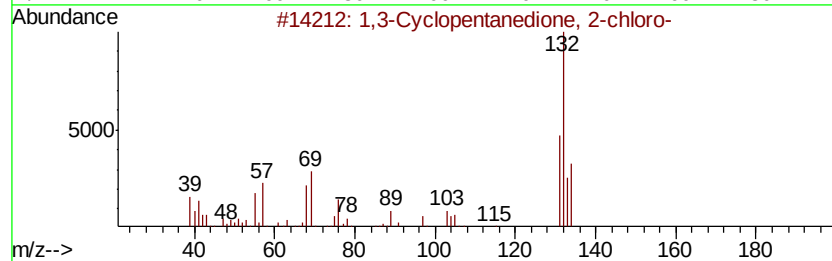
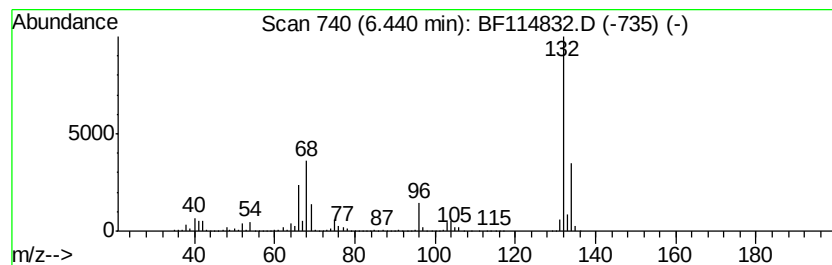
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	68.59 ng	6824050	1,4-Dichlorobenzene-d4	6.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	37
2			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3			Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5			Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9



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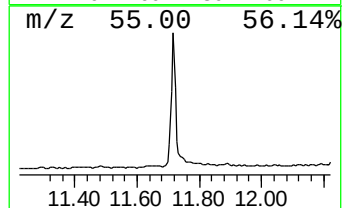
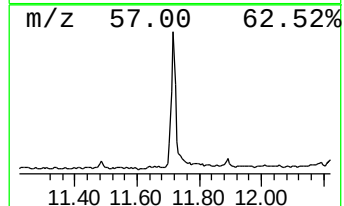
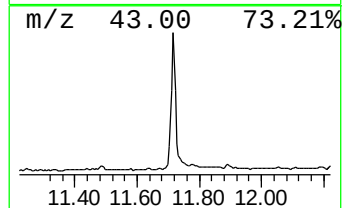
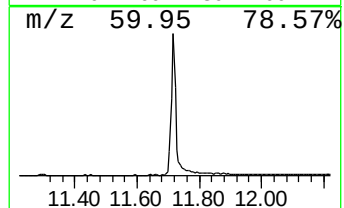
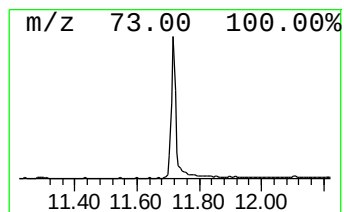
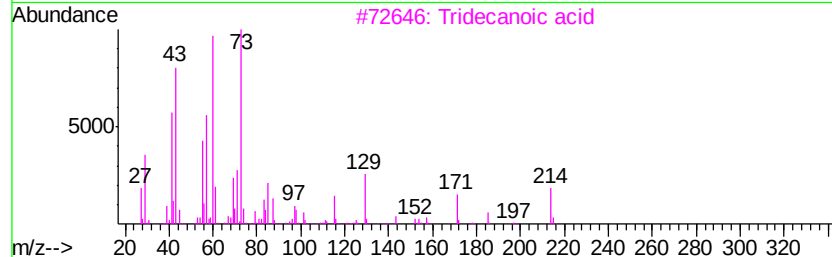
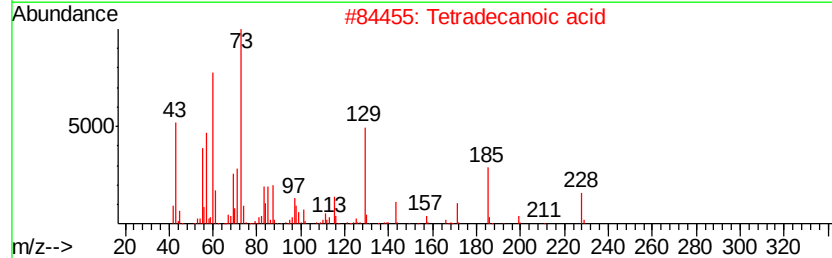
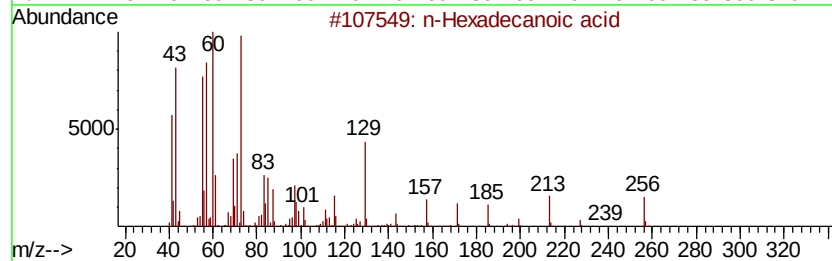
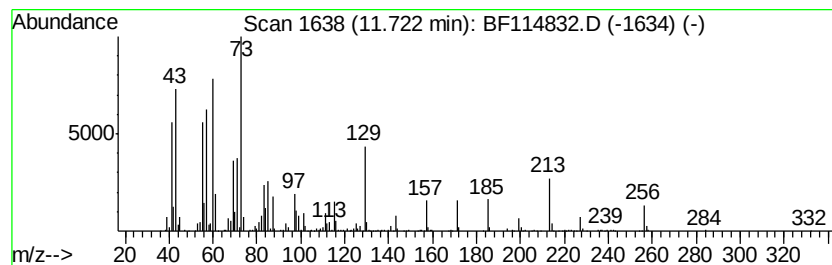
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.72	8.89 ng	1488260	Phenanthrene-d10		11.17
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	76



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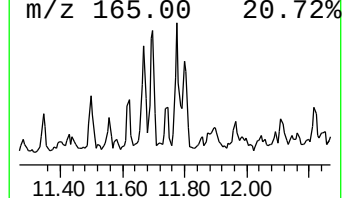
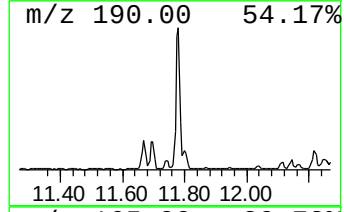
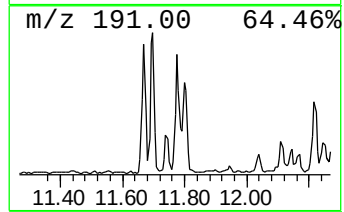
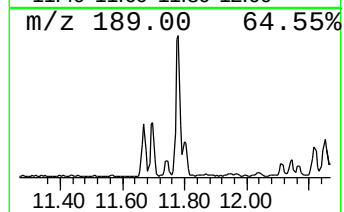
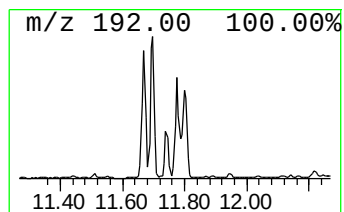
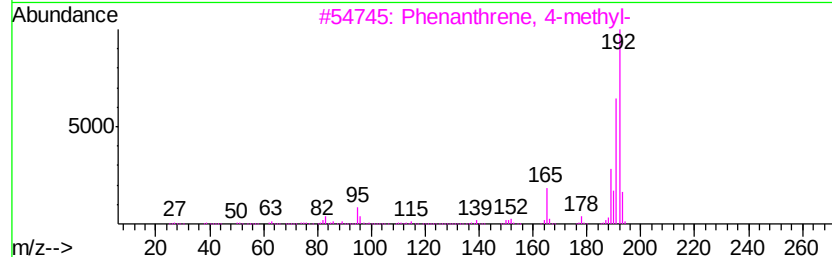
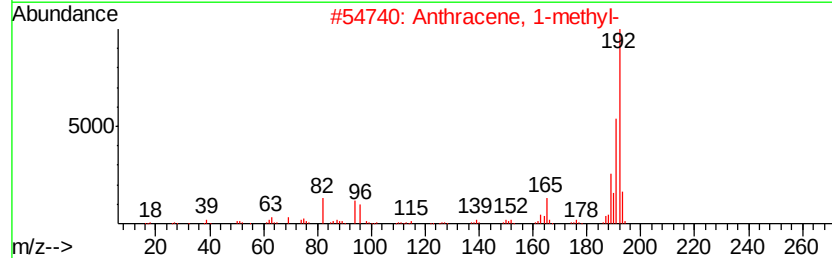
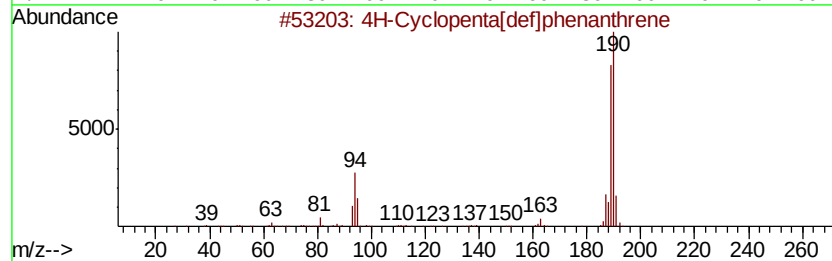
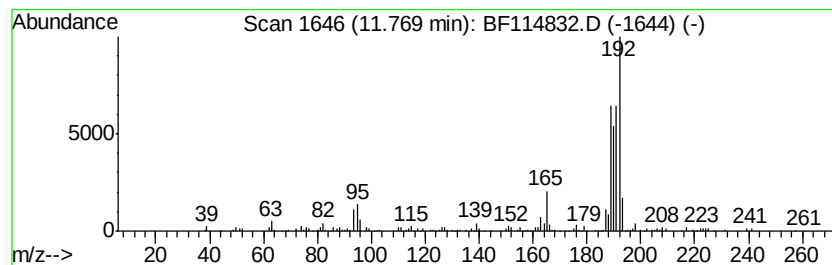
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.75 ng	460698	Phenanthrene-d10	11.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38



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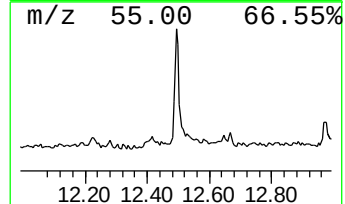
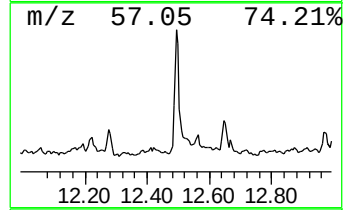
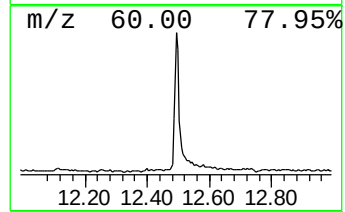
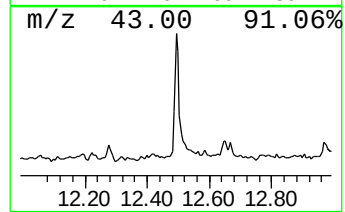
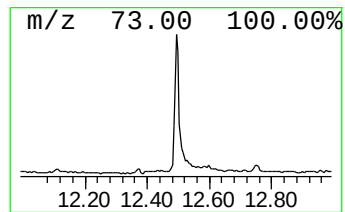
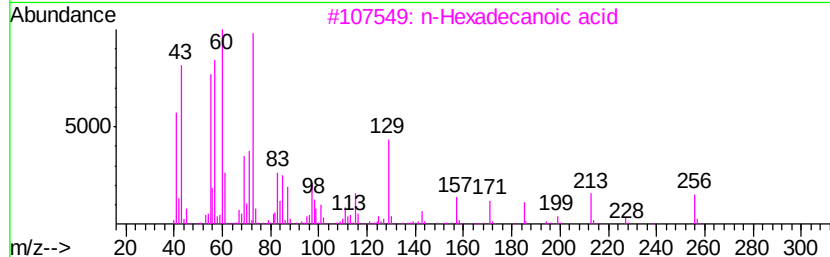
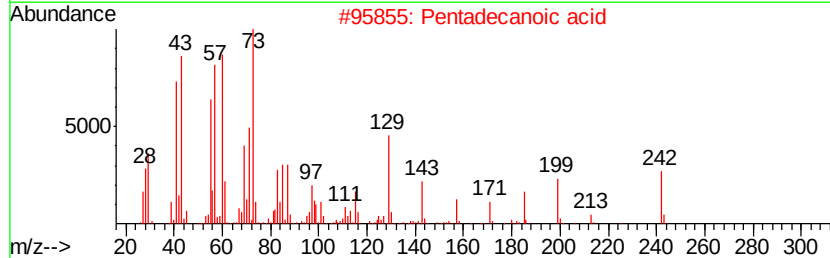
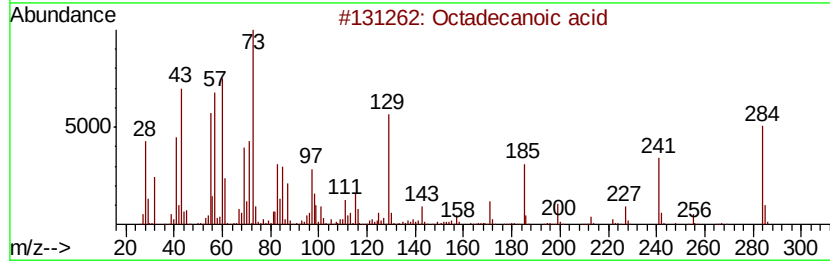
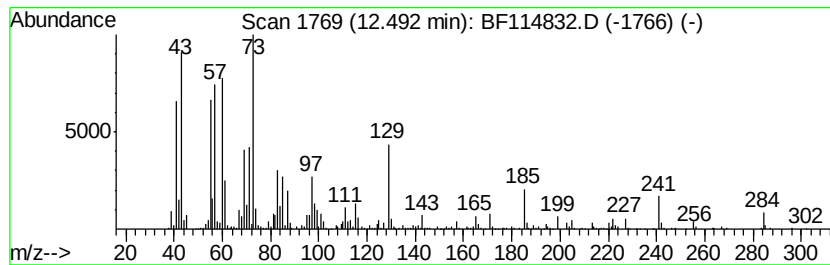
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.49	4.40 ng	741257	Chrysene-d12	13.79		
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	90
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



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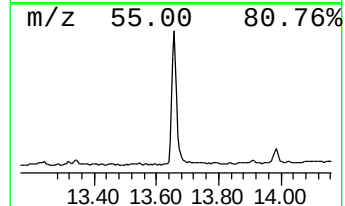
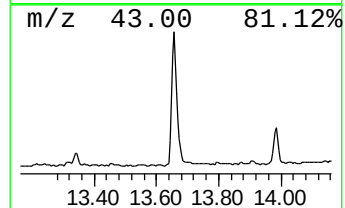
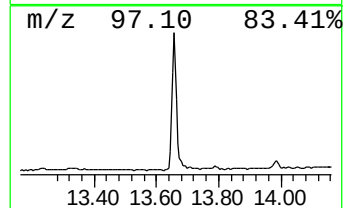
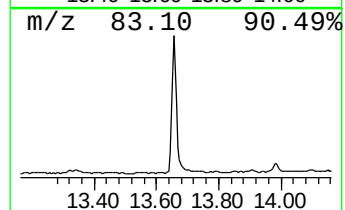
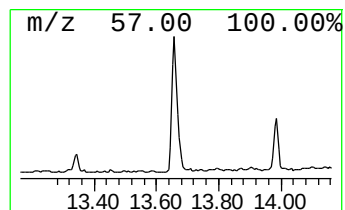
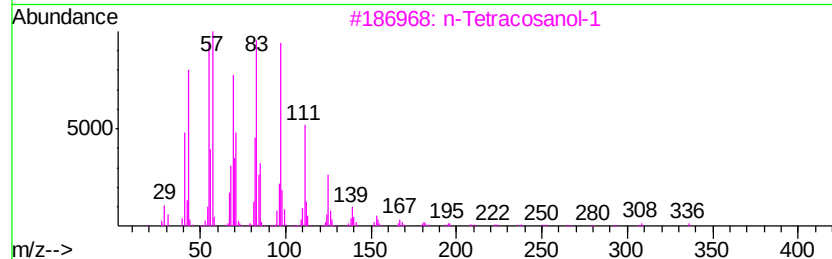
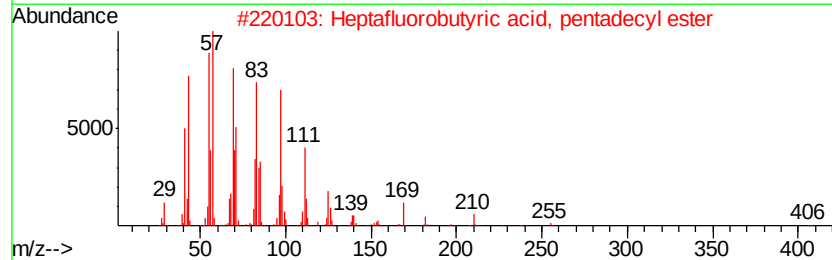
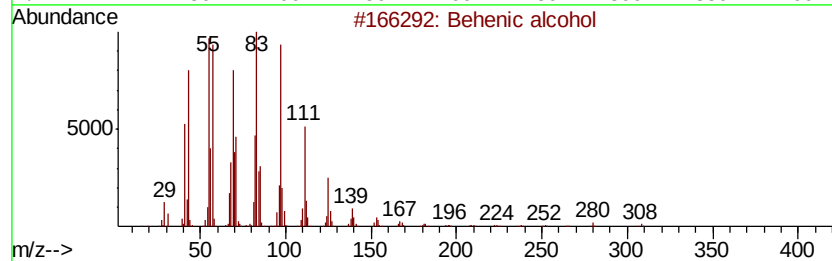
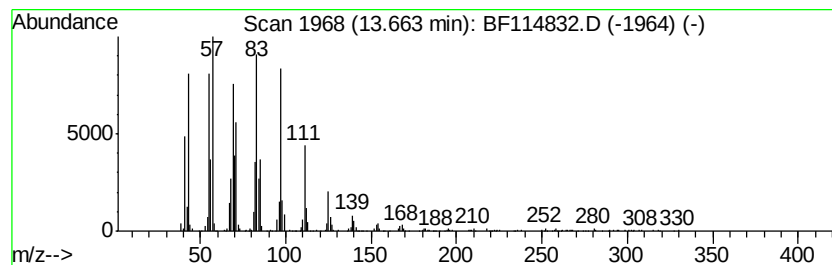
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.66	9.85 ng	1658210	Chrysene-d12	13.79	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114832.D
Acq On : 5 Jun 2019 21:41
Operator : HP/JU
Sample : K3183-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

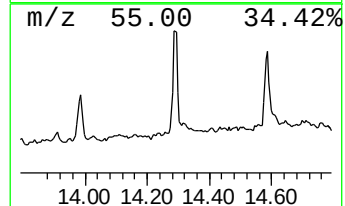
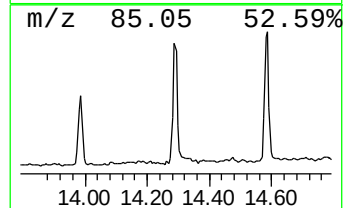
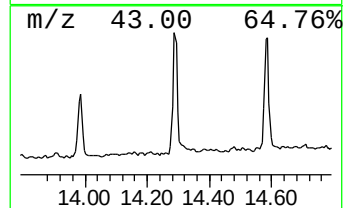
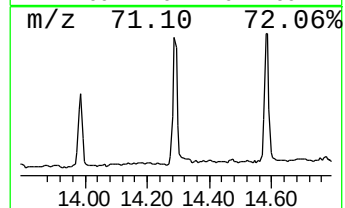
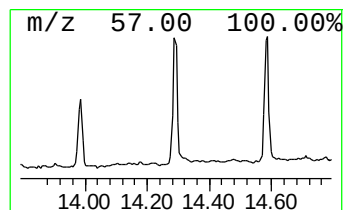
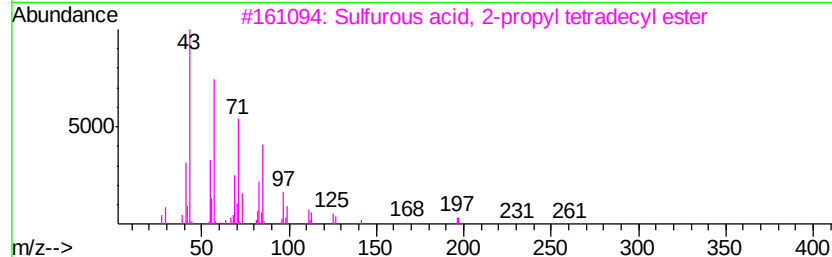
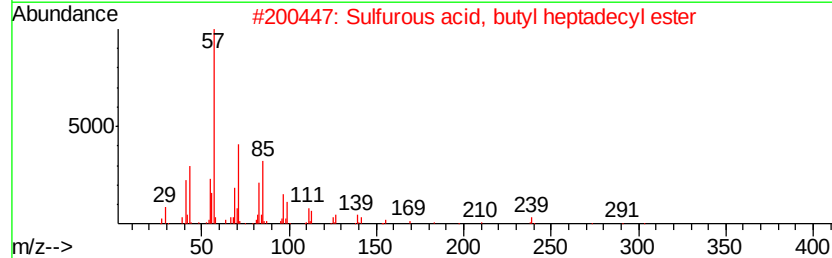
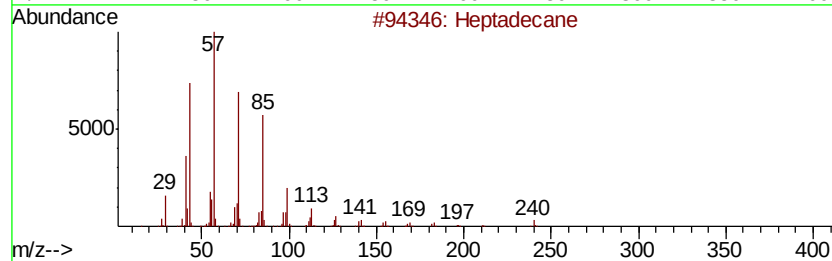
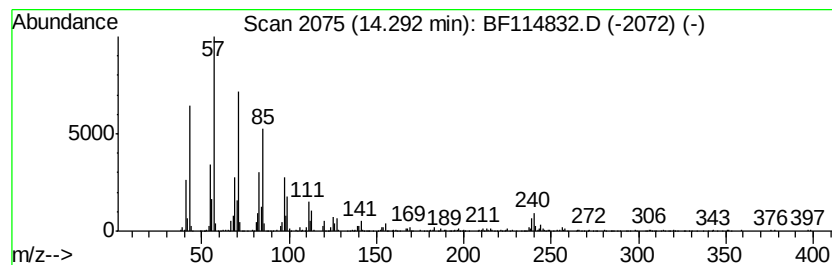
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	3.50 ng	589090	Chrysene-d12	13.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	95
2	Sulfurous acid, butyl heptadecyl...	376 C21H44O3S	1000309-18-4	90
3	Sulfurous acid, 2-propyl tetradec...	320 C17H36O3S	1000309-12-5	87
4	Sulfurous acid, pentadecyl 2-pro...	334 C18H38O3S	1000309-12-6	87
5	1-Octadecanesulphonyl chloride	352 C18H37ClO2S	1000342-70-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114832.D
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Sample : K3183-03
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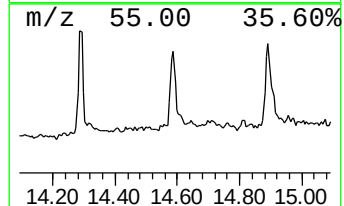
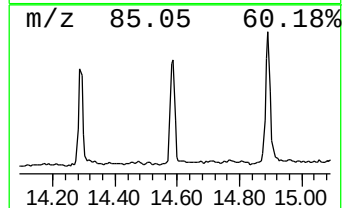
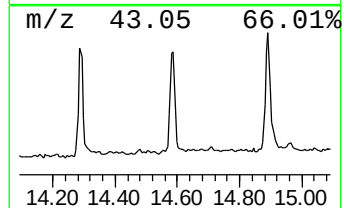
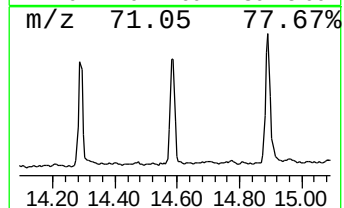
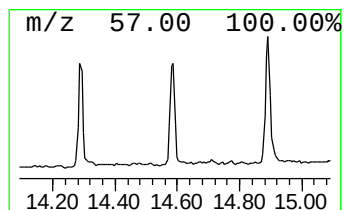
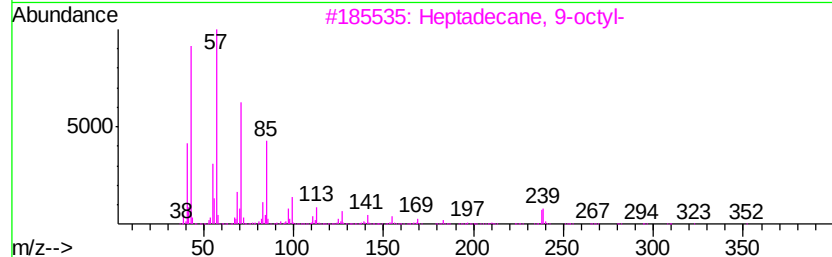
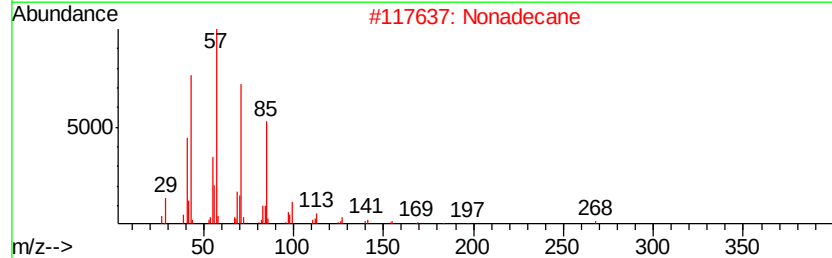
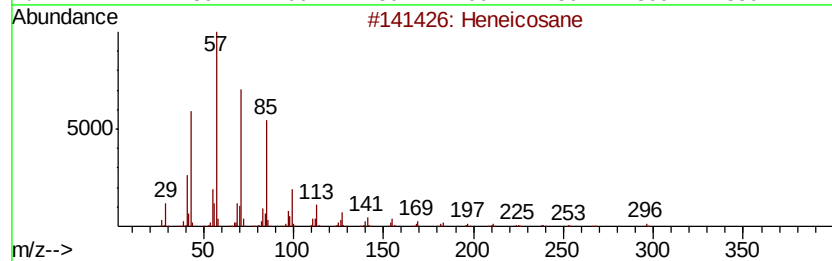
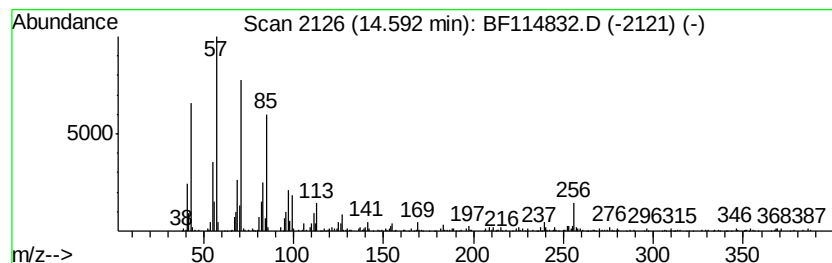
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	4.49 ng	563853	Perylene-d12	15.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	95
2	Nonadecane		268	C19H40	000629-92-5	93
3	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	93
4	2-methyloctacosane		408	C29H60	1000376-72-8	87
5	Heptadecane		240	C17H36	000629-78-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
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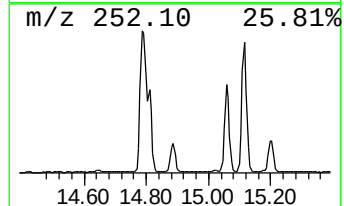
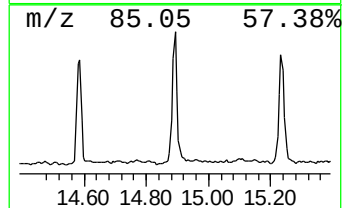
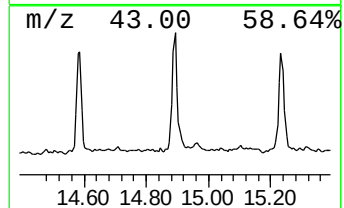
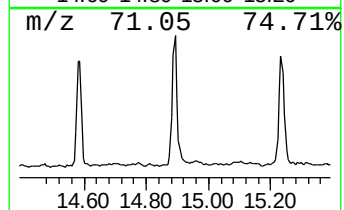
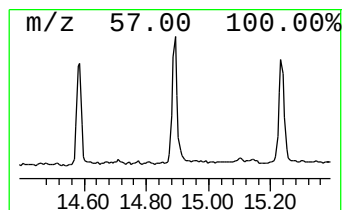
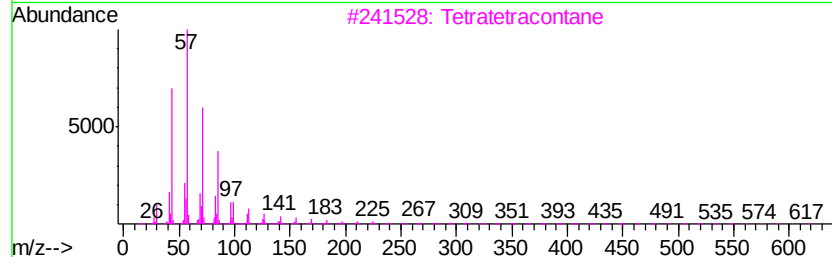
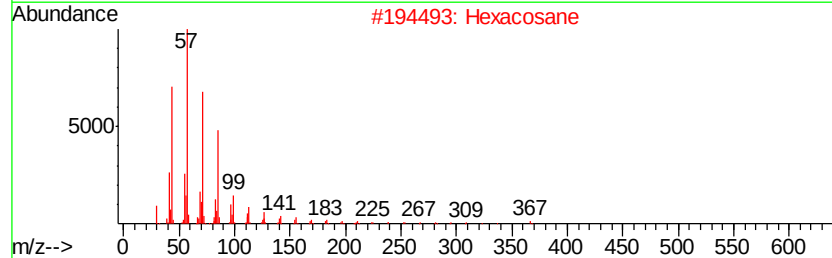
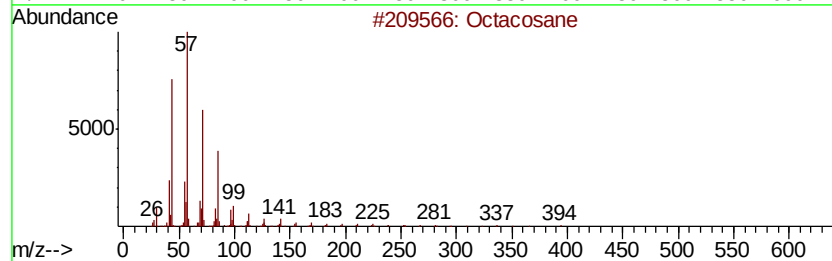
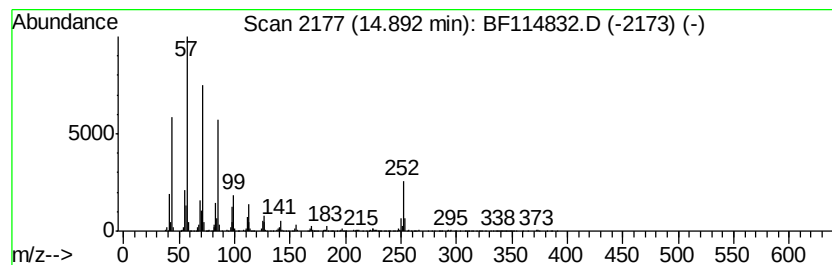
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.89	6.58 ng	827127	Perylene-d12		15.17
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	81
2	Hexacosane	366	C26H54	000630-01-3	81
3	Tetratetracontane	619	C44H90	007098-22-8	76
4	Heneicosane	296	C21H44	000629-94-7	74
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114832.D
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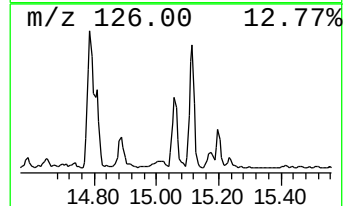
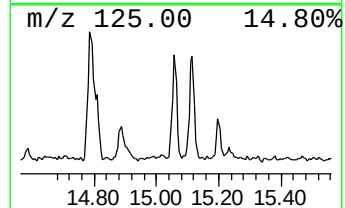
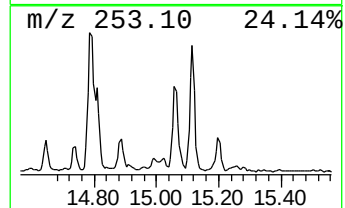
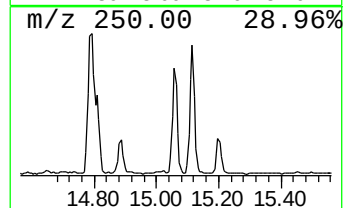
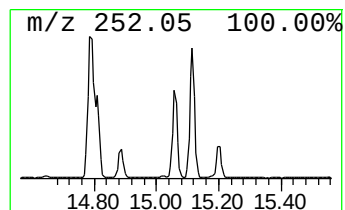
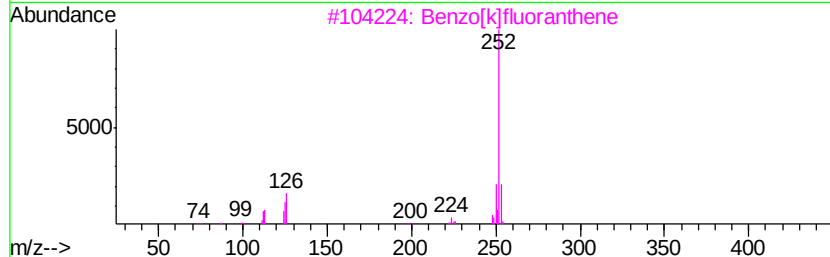
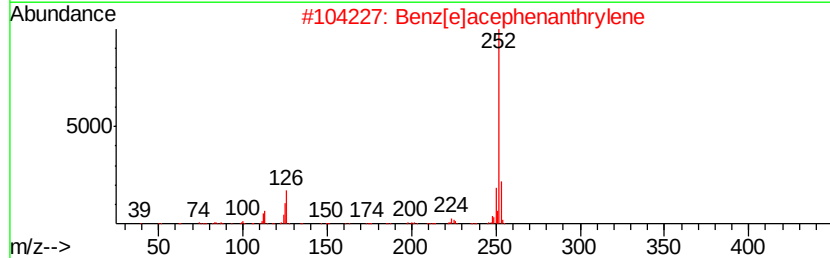
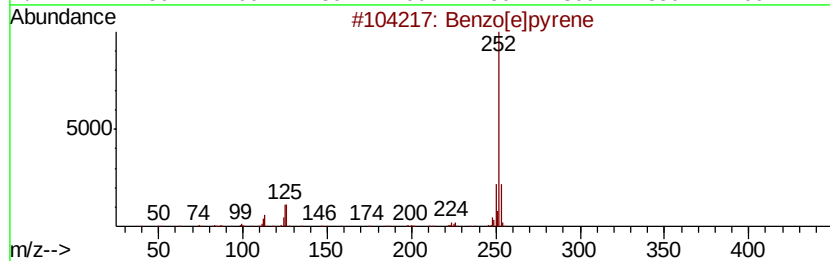
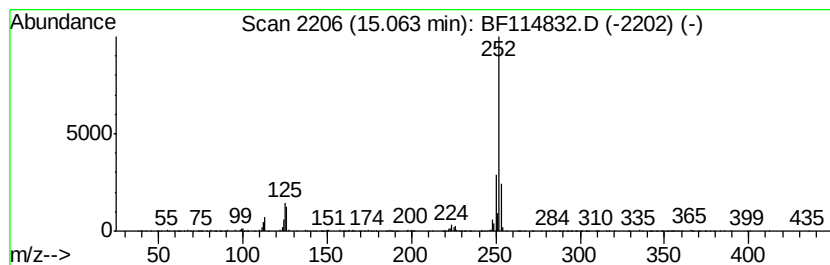
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	3.83 ng	481847	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	91
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
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Sample : K3183-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

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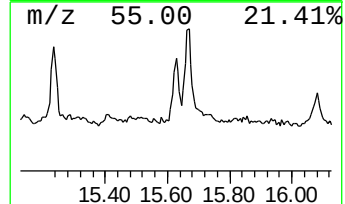
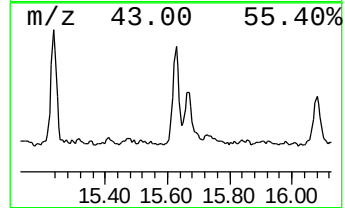
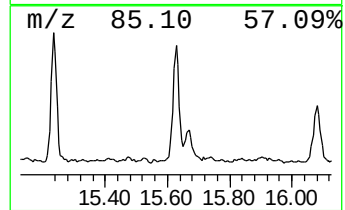
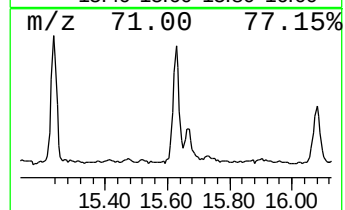
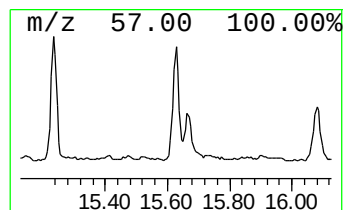
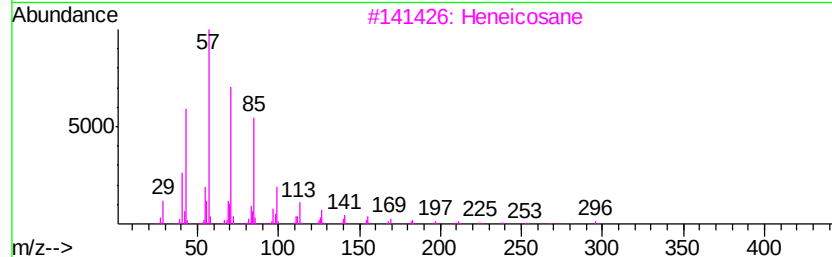
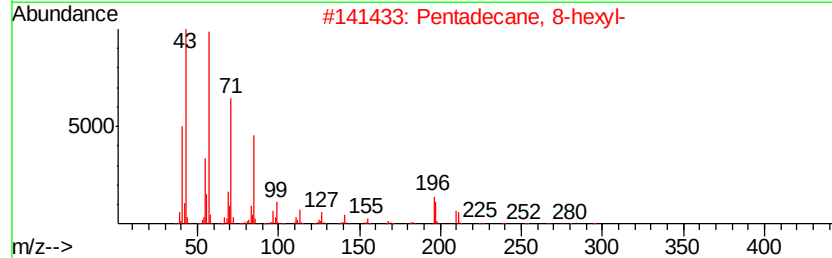
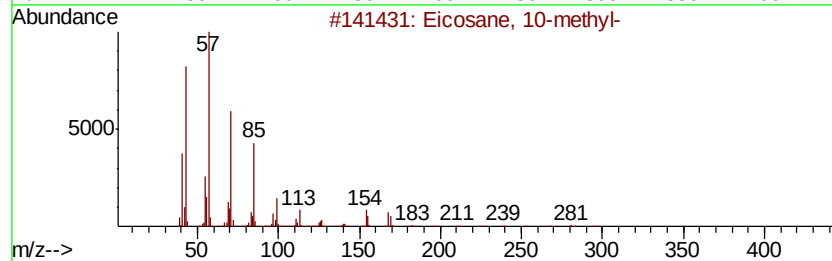
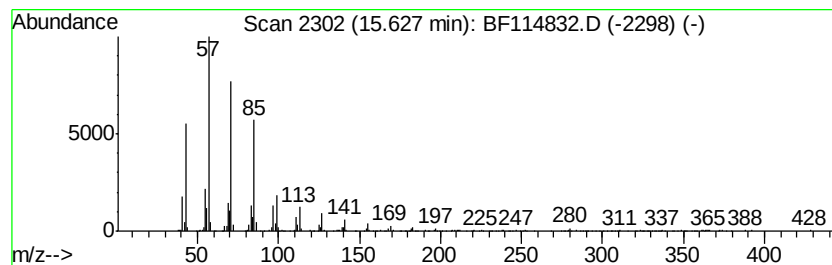
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane, 10-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	4.42 ng	554922	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3		Heneicosane	296	C21H44	000629-94-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
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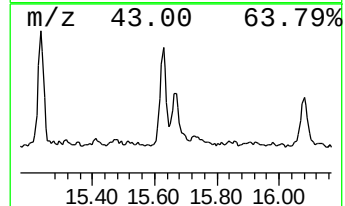
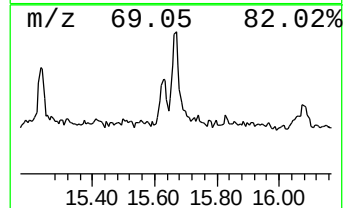
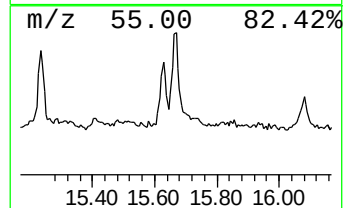
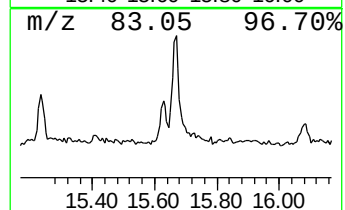
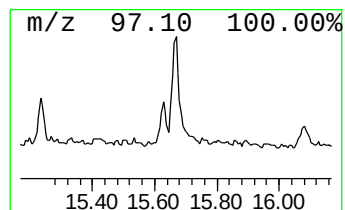
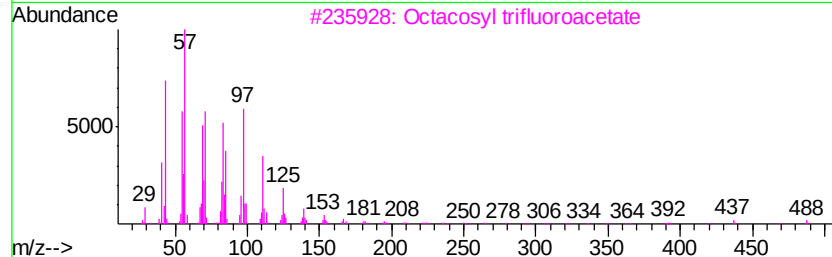
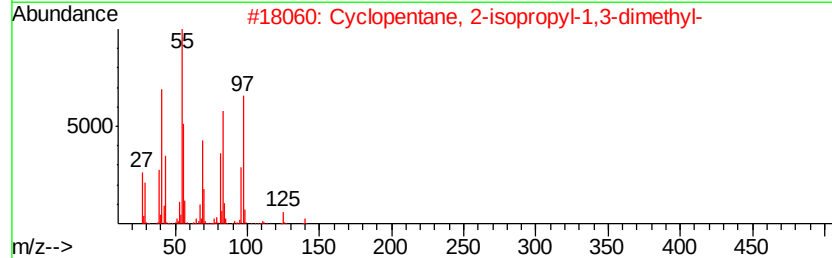
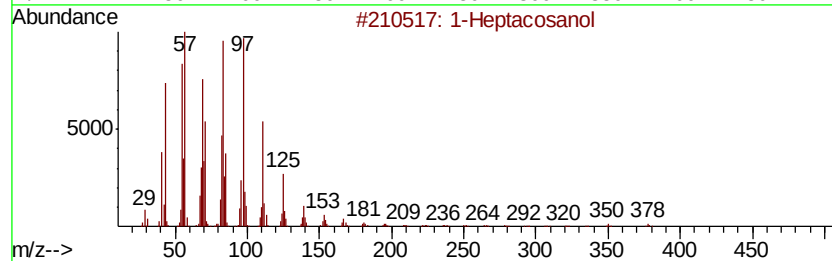
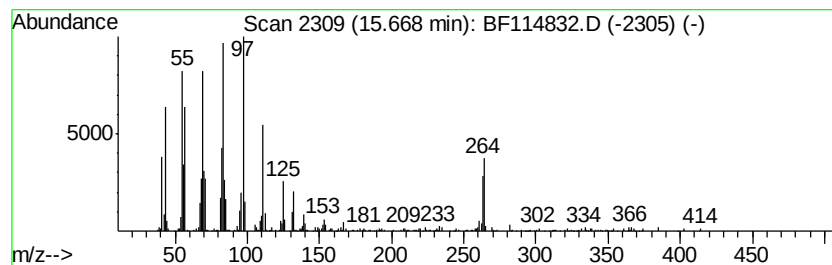
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Heptacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	5.00 ng	627865	Perylene-d12	15.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Heptacosanol	396 C27H56O	002004-39-9 87
2		Cyclopentane, 2-isopropyl-1,3-di...	140 C10H20	032281-85-9 49
3		Octacosyl trifluoroacetate	506 C30H57F3O2	1000351-74-9 46
4		Tetradecyl trifluoroacetate	310 C16H29F3O2	006222-02-2 46
5		Trifluoroacetic acid,n-tridecyl ...	296 C15H27F3O2	053800-02-5 43



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SP-COMP-2

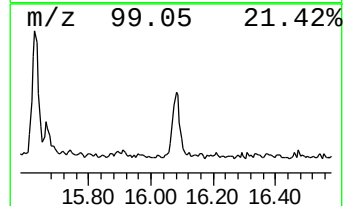
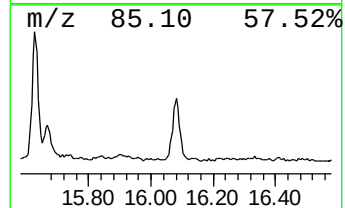
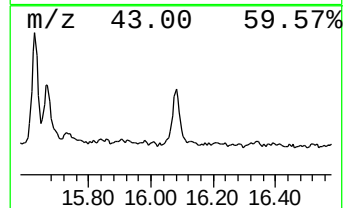
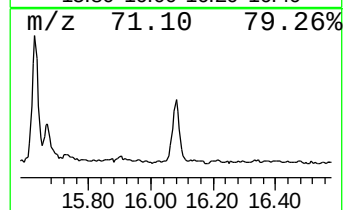
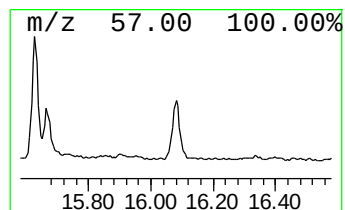
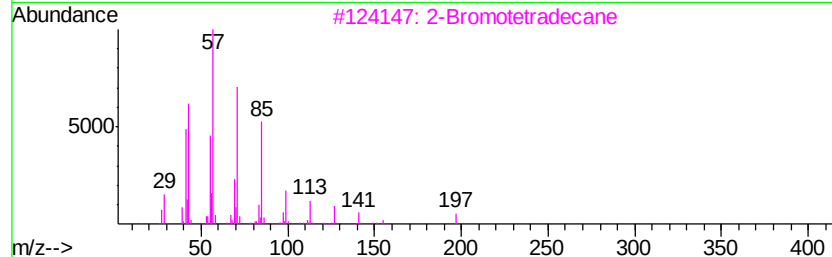
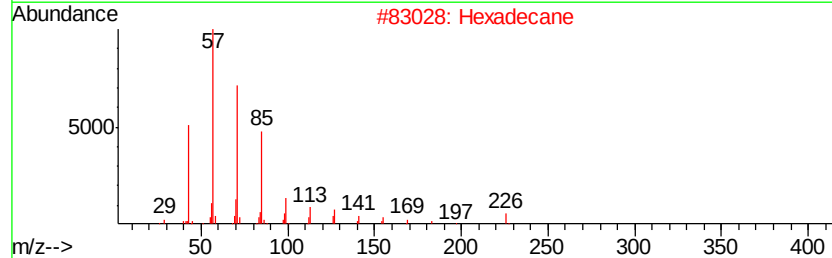
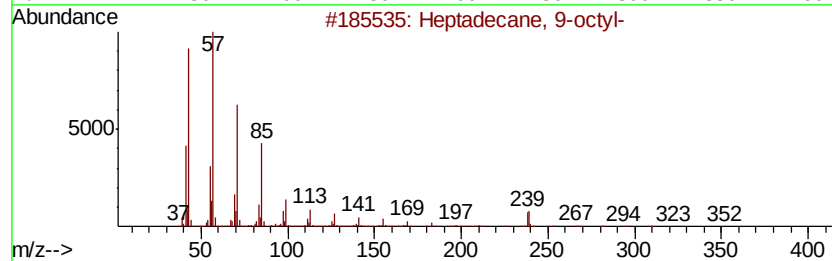
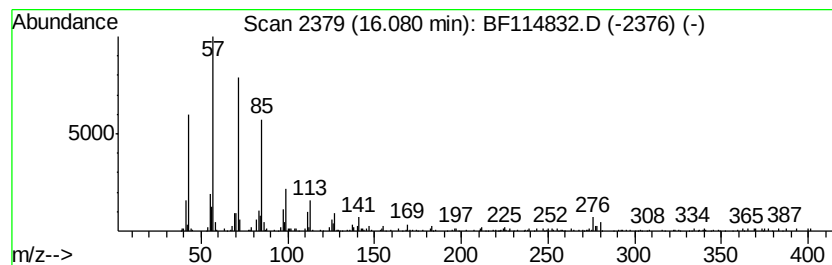
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane, 9-octyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	2.71 ng	339988	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		2-Bromotetradecane	276	C14H29Br	074036-95-6	86
4		Heptacosane	380	C27H56	000593-49-7	86
5		triacontane	422	C30H62	000638-68-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060519\
Data File : BF114832.D
Acq On : 5 Jun 2019 21:41
Operator : HP/JU
Sample : K3183-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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
unknown6.44	6.44	68.6	ng	6824050	1	6.67	1989910	20.0
n-Hexadecanoic acid	11.72	8.9	ng	1488260	4	11.17	3346370	20.0
4H-Cyclopenta[def...	11.77	2.8	ng	460698	4	11.17	3346370	20.0
Octadecanoic acid	12.49	4.4	ng	741257	5	13.79	3366530	20.0
Behenic alcohol	13.66	9.8	ng	1658210	5	13.79	3366530	20.0
Heptadecane	14.29	3.5	ng	589090	5	13.79	3366530	20.0
Heneicosane	14.59	4.5	ng	563853	6	15.17	2512920	20.0
Octacosane	14.89	6.6	ng	827127	6	15.17	2512920	20.0
Benzo[e]pyrene	15.06	3.8	ng	481847	6	15.17	2512920	20.0
Eicosane, 10-methyl-	15.63	4.4	ng	554922	6	15.17	2512920	20.0
1-Heptacosanol	15.67	5.0	ng	627865	6	15.17	2512920	20.0
Heptadecane, 9-oc...	16.08	2.7	ng	339988	6	15.17	2512920	20.0