

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114830.D
 Acq On : 5 Jun 2019 20:47
 Operator : HP/JU
 Sample : K3183-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-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	5.269	536	541	545	rBV	5077858	5276164	79.80%	6.751%
2	6.304	712	717	720	rBV	5404387	5403679	81.73%	6.914%
3	6.434	735	739	743	rBV	5971674	5797814	87.69%	7.418%
4	6.504	748	751	756	rVB4	55397	70836	1.07%	0.091%
5	6.669	775	779	782	rBV	2311680	2020914	30.57%	2.586%
6	6.822	801	805	808	rBV	4961895	4545097	68.74%	5.816%
7	7.228	869	874	877	rBV	4032942	3621000	54.77%	4.633%
8	7.522	919	924	930	rBV	111579	107176	1.62%	0.137%
9	7.945	992	996	999	rBV	2964372	2767344	41.86%	3.541%
10	8.169	1031	1034	1040	rVB	96188	78571	1.19%	0.101%
11	8.222	1040	1043	1046	rBV	98136	89731	1.36%	0.115%
12	8.657	1113	1117	1121	rVB2	132134	129094	1.95%	0.165%
13	9.028	1175	1180	1183	rBV	6732111	6611638	100.00%	8.460%
14	9.280	1218	1223	1227	rBV2	52086	83898	1.27%	0.107%
15	9.357	1233	1236	1238	rBV	78123	70584	1.07%	0.090%
16	9.416	1243	1246	1249	rBV	1536544	1170716	17.71%	1.498%
17	9.551	1266	1269	1274	rBV	178397	208260	3.15%	0.266%
18	9.698	1289	1294	1297	rBV	3501333	3358650	50.80%	4.297%
19	9.898	1325	1328	1332	rVB	86195	87932	1.33%	0.113%
20	10.010	1344	1347	1350	rBV3	51838	78646	1.19%	0.101%
21	10.104	1361	1363	1368	rVB3	57857	74905	1.13%	0.096%
22	10.239	1383	1386	1392	rVB2	153464	163329	2.47%	0.209%
23	10.480	1422	1427	1430	rBV	4492052	4546415	68.76%	5.817%
24	10.580	1441	1444	1446	rBV	173439	157160	2.38%	0.201%
25	10.786	1475	1479	1481	rBV2	58708	71043	1.07%	0.091%
26	11.027	1517	1520	1524	rBV5	57640	91797	1.39%	0.117%
27	11.063	1524	1526	1529	rVB	114163	87203	1.32%	0.112%
28	11.169	1540	1544	1546	rBV	3946604	3457661	52.30%	4.424%
29	11.192	1546	1548	1551	rVV	1181731	874341	13.22%	1.119%
30	11.239	1554	1556	1560	rVB	242549	228611	3.46%	0.293%
31	11.280	1560	1563	1566	rBV2	78645	107444	1.63%	0.137%
32	11.669	1626	1629	1631	rBV	326304	262590	3.97%	0.336%
33	11.698	1631	1634	1635	rVV	422175	385737	5.83%	0.494%
34	11.716	1635	1637	1640	rVV	993167	835716	12.64%	1.069%

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35	11.780	1644	1648	1650	rVV	524084	578323	8.75%	0.740%
36	11.798	1650	1651	1658	rVB	241307	226962	3.43%	0.290%
37	11.963	1676	1679	1681	rBV	168937	148366	2.24%	0.190%
38	12.116	1703	1705	1708	rVB2	103630	89690	1.36%	0.115%
39	12.145	1708	1710	1712	rBV	123452	102750	1.55%	0.131%
40	12.169	1712	1714	1716	rVB2	146481	109385	1.65%	0.140%
41	12.221	1720	1723	1726	rBV	318793	311724	4.71%	0.399%
42	12.257	1726	1729	1731	rBV	148478	154671	2.34%	0.198%
43	12.298	1734	1736	1738	rBV2	82514	90499	1.37%	0.116%
44	12.374	1746	1749	1753	rBV	1705347	1368666	20.70%	1.751%
45	12.427	1755	1758	1759	rBV2	134306	127321	1.93%	0.163%
46	12.498	1767	1770	1773	rBV2	414799	451057	6.82%	0.577%
47	12.598	1782	1787	1790	rBV	1611631	1525834	23.08%	1.952%
48	12.757	1809	1814	1817	rBV	6165642	6251512	94.55%	7.999%
49	12.821	1823	1825	1828	rVB2	161669	156085	2.36%	0.200%
50	12.927	1841	1843	1847	rVB	319757	303396	4.59%	0.388%
51	12.998	1852	1855	1858	rVB2	263639	268805	4.07%	0.344%
52	13.033	1858	1861	1863	rBV	312590	257842	3.90%	0.330%
53	13.121	1874	1876	1879	rVB	213965	171964	2.60%	0.220%
54	13.151	1879	1881	1887	rBV	193546	160337	2.43%	0.205%
55	13.539	1944	1947	1950	rBV2	217258	260737	3.94%	0.334%
56	13.657	1964	1967	1974	rVB2	682445	769530	11.64%	0.985%
57	13.792	1985	1990	1993	rBV2	3105615	3580950	54.16%	4.582%
58	13.815	1993	1994	1997	rVB	688054	446128	6.75%	0.571%
59	13.986	2021	2023	2026	rVB2	197537	146540	2.22%	0.188%
60	14.298	2073	2076	2079	rBV2	466268	443959	6.71%	0.568%
61	14.598	2124	2127	2130	rVB	479722	446867	6.76%	0.572%
62	14.798	2158	2161	2164	rBV	610440	851554	12.88%	1.090%
63	14.904	2176	2179	2185	rVB3	578614	704756	10.66%	0.902%
64	15.074	2205	2208	2213	rVB	463074	515328	7.79%	0.659%
65	15.127	2214	2217	2221	rBV	625752	630946	9.54%	0.807%
66	15.186	2223	2227	2230	rBV	2174461	2559862	38.72%	3.275%
67	15.251	2235	2238	2242	rVB	439409	513624	7.77%	0.657%
68	15.645	2301	2305	2308	rBV	369681	506950	7.67%	0.649%

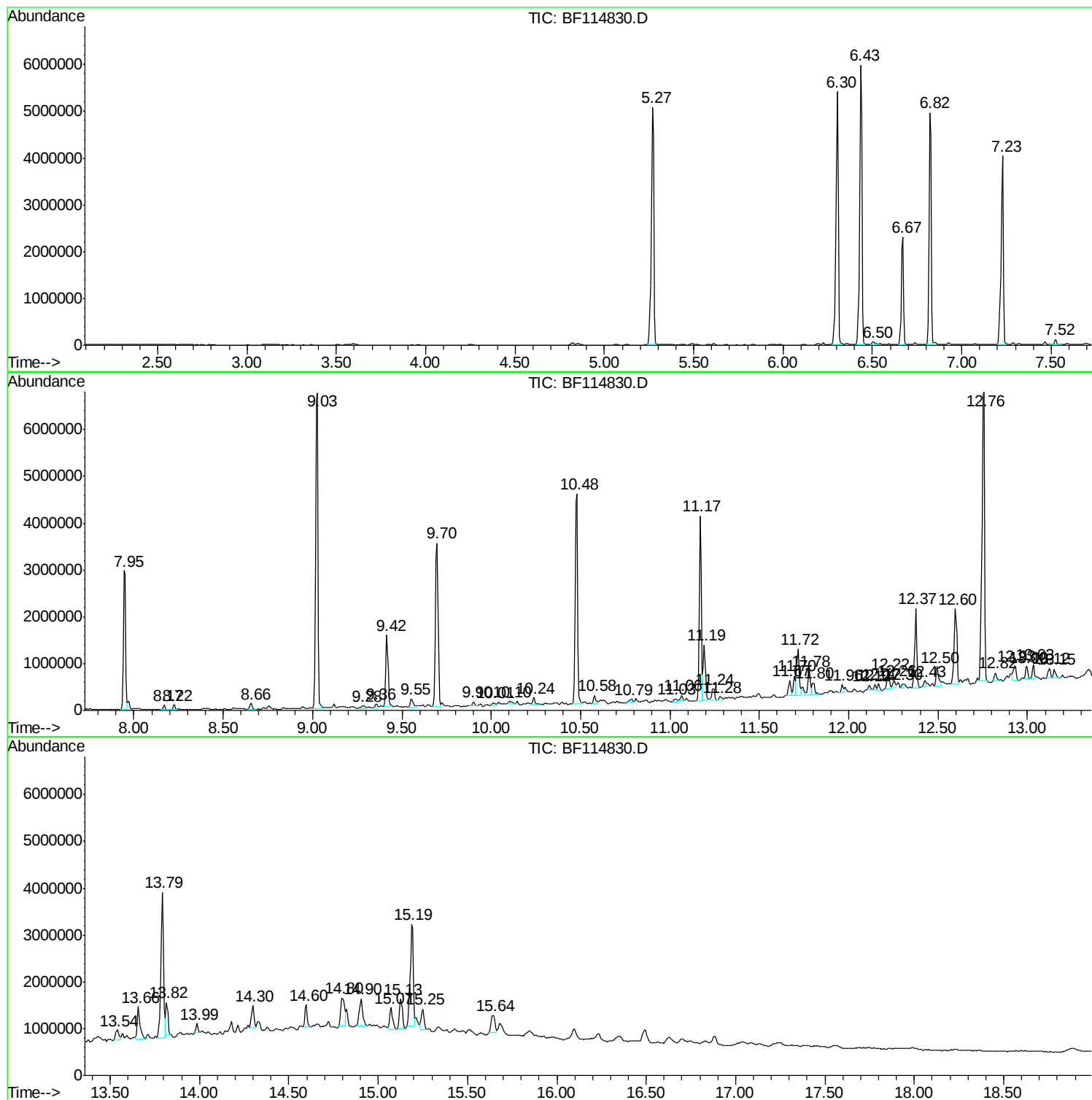
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BNA_F
ClientSampled :
TP-2

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



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Instrument :
BNA_F
ClientSampleId :
TP-2

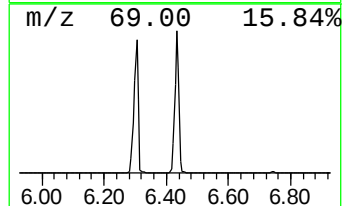
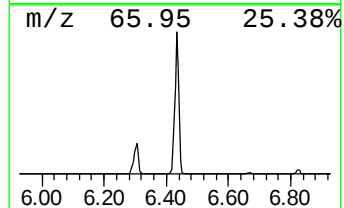
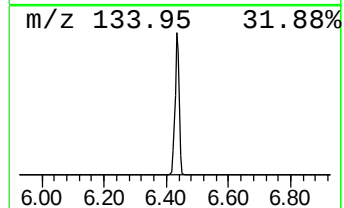
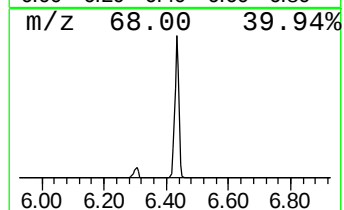
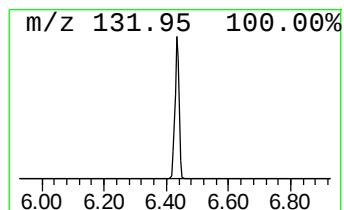
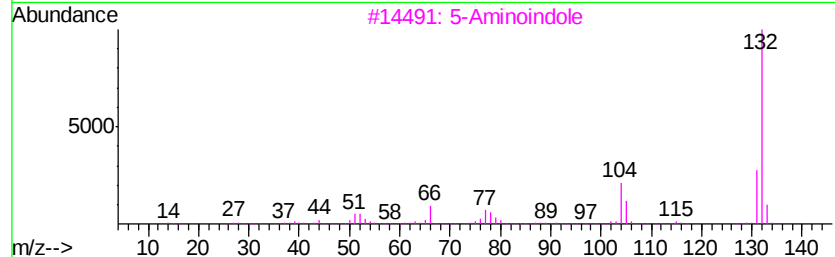
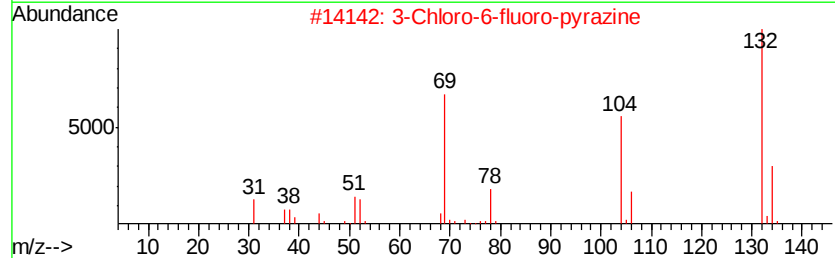
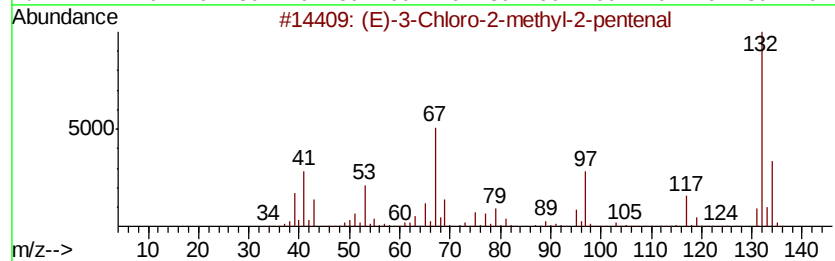
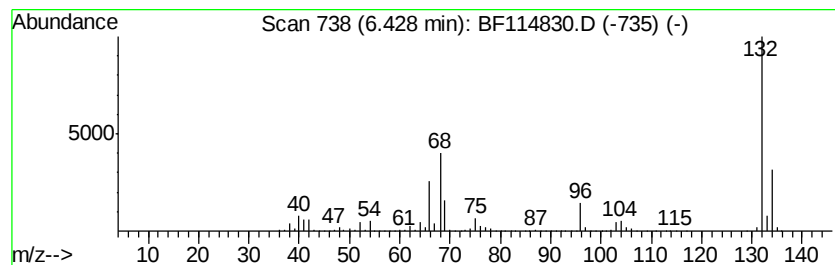
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	57.38 ng	5797810	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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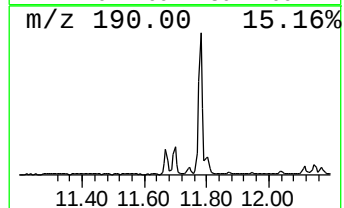
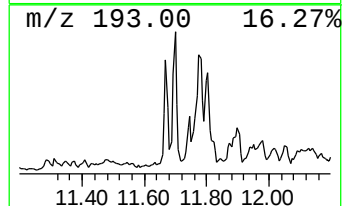
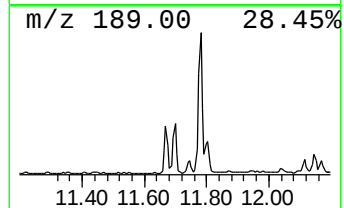
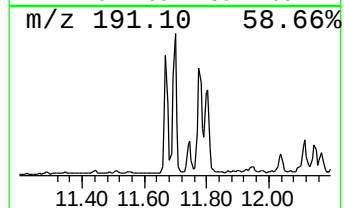
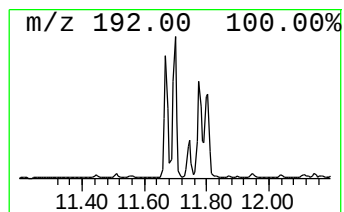
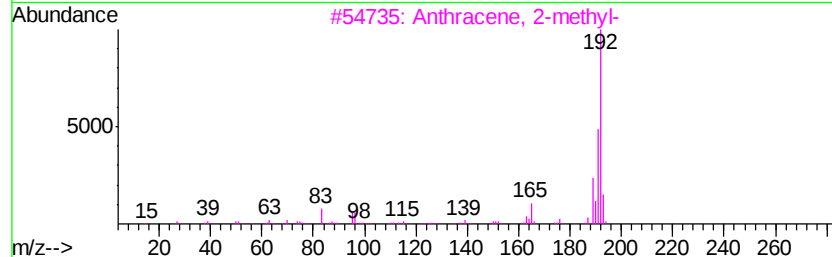
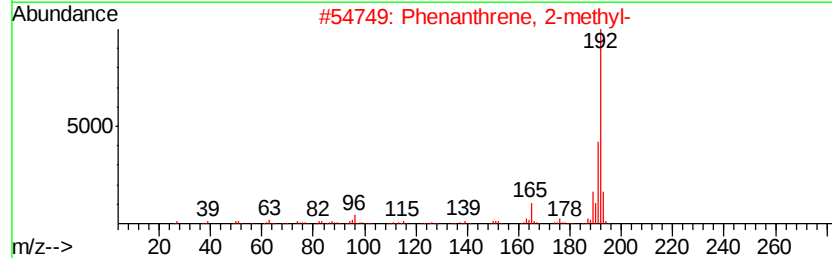
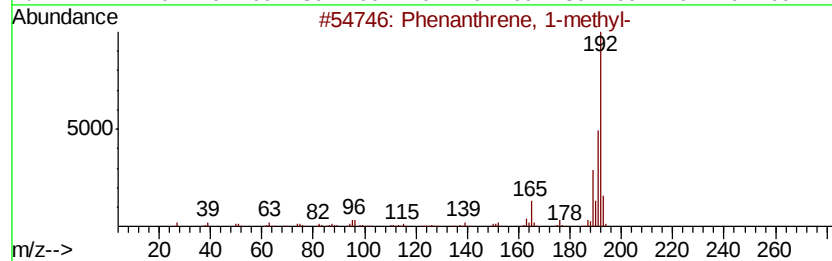
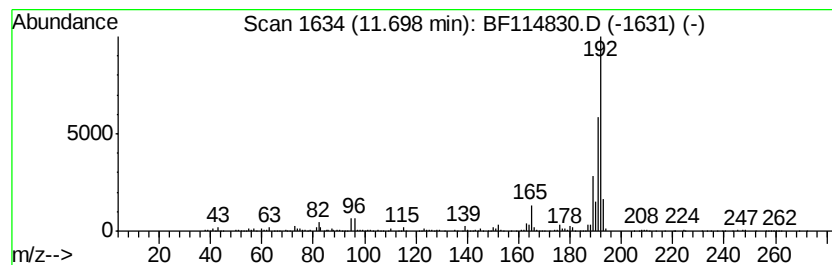
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.70	2.23 ng	385737	Phenanthrene-d10	11.17		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94



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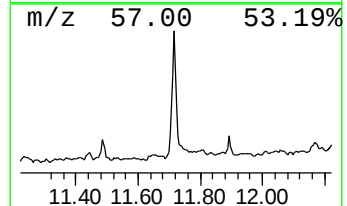
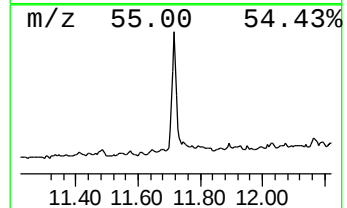
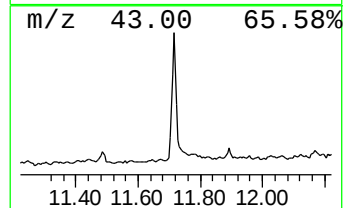
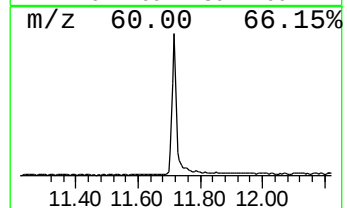
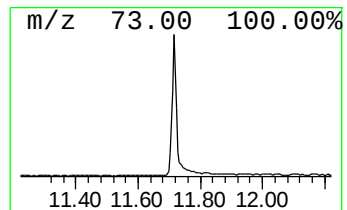
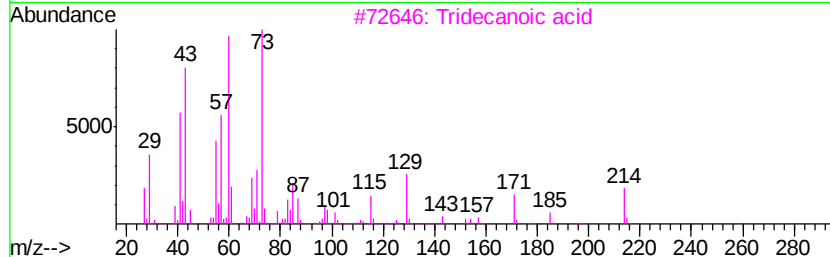
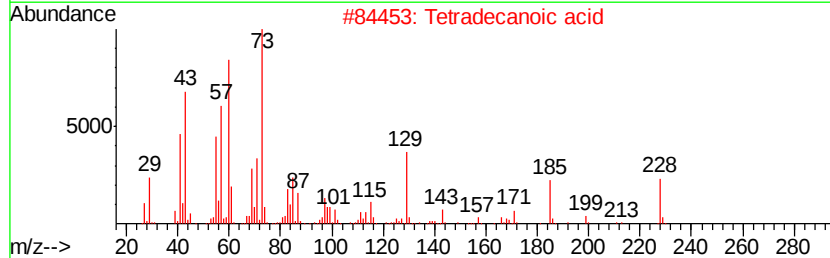
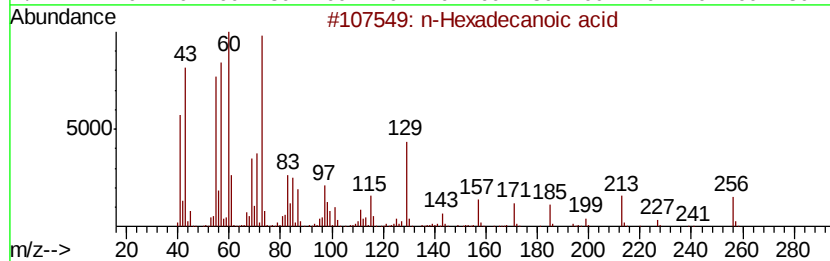
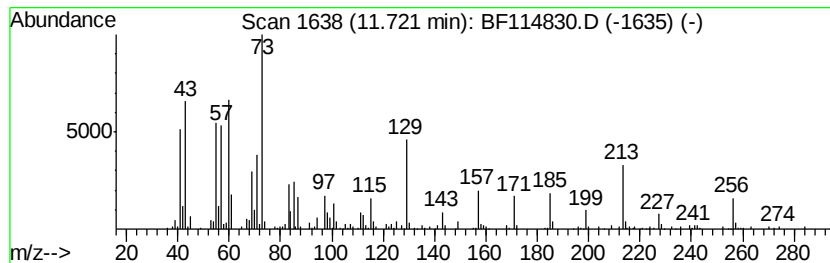
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.72	4.83 ng	835716	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	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	83



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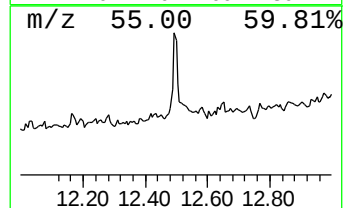
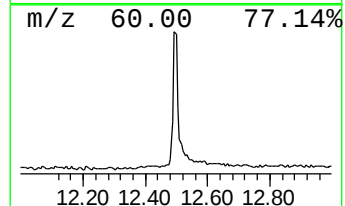
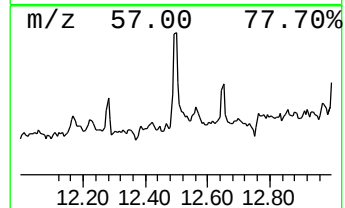
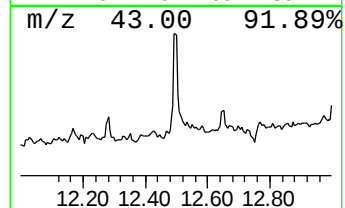
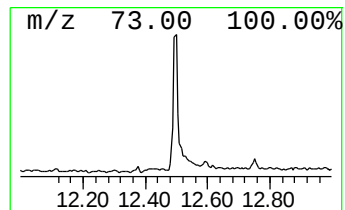
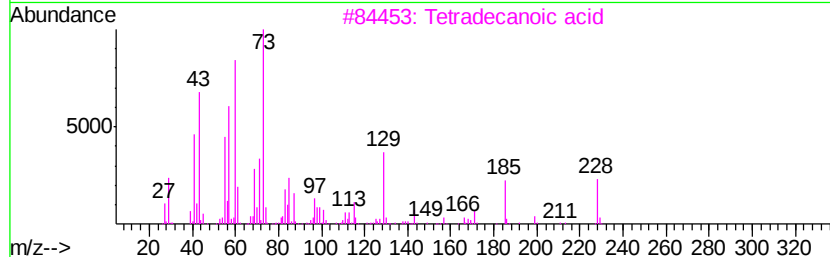
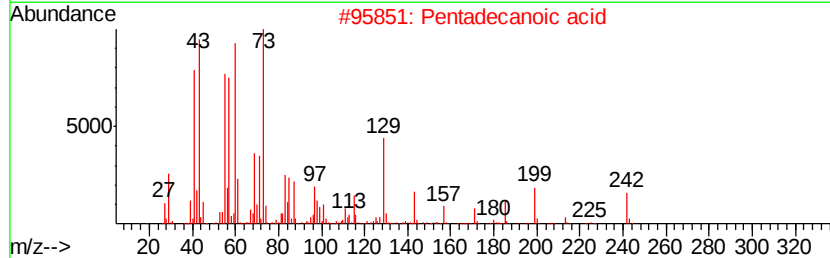
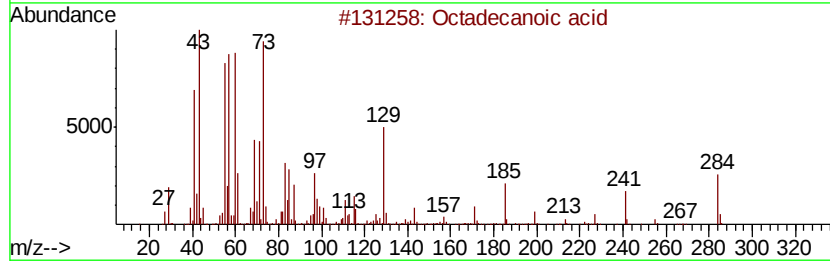
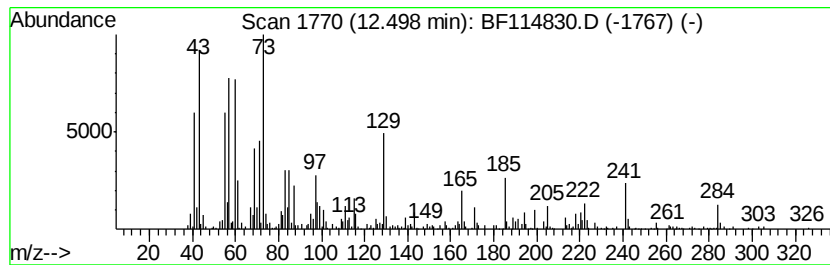
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Peak Number 6 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.50	2.52 ng	451057	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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
4	n-Decanoic acid	172	C10H20O2	000334-48-5	55
5	Tridecanoic acid	214	C13H26O2	000638-53-9	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114830.D
Acq On : 5 Jun 2019 20:47
Operator : HP/JU
Sample : K3183-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

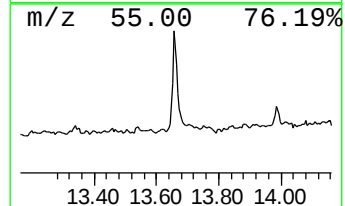
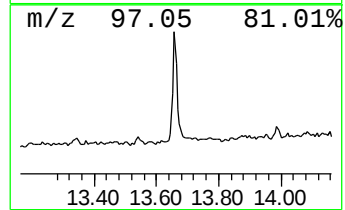
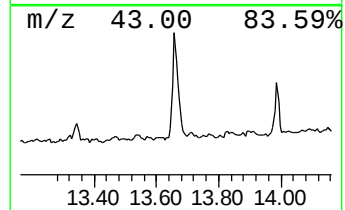
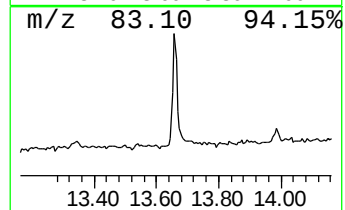
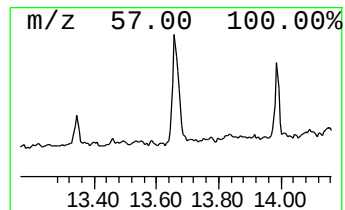
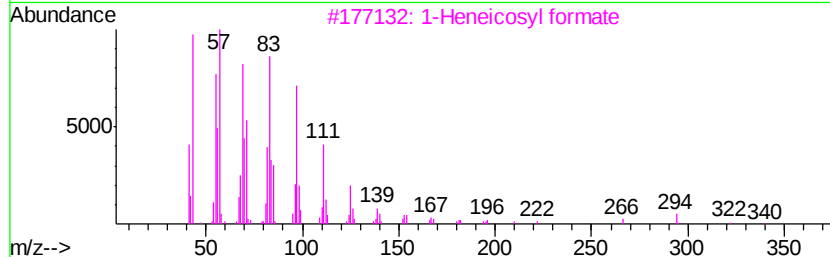
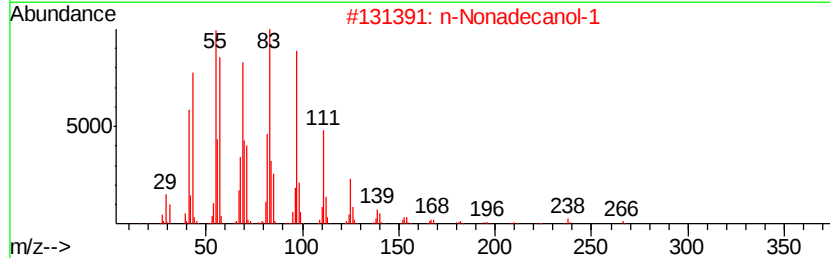
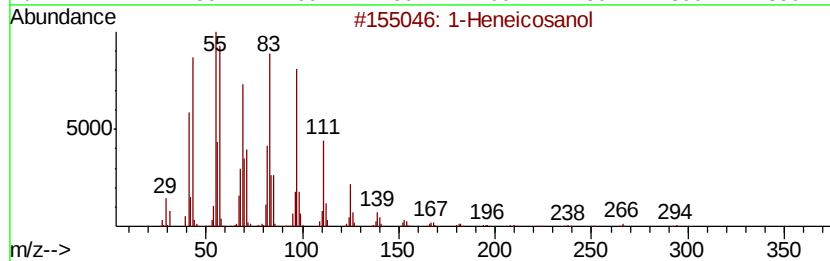
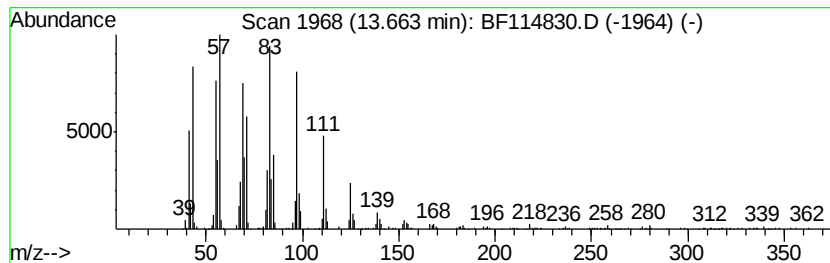
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.66	4.30 ng	769530	Chrysene-d12	13.79	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114830.D
Acq On : 5 Jun 2019 20:47
Operator : HP/JU
Sample : K3183-07
Misc :
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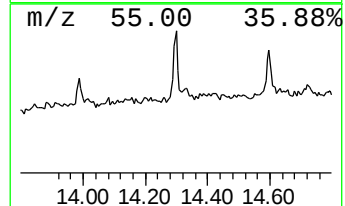
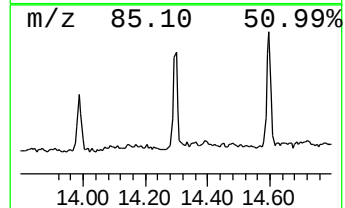
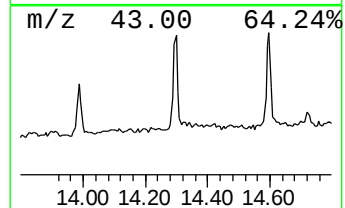
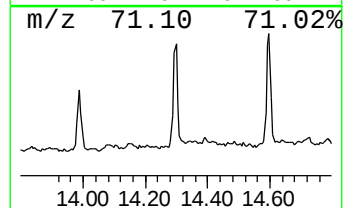
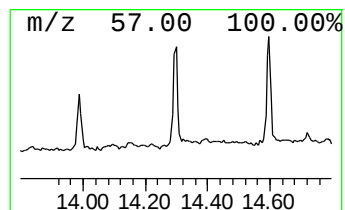
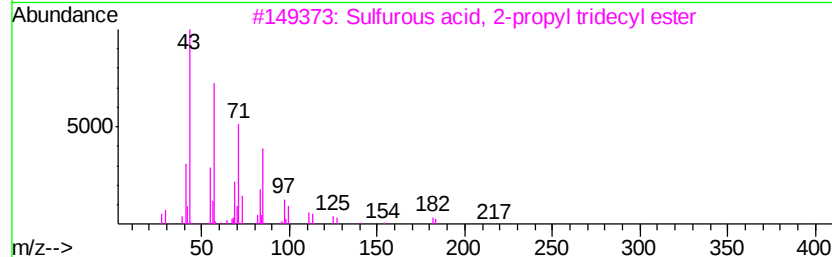
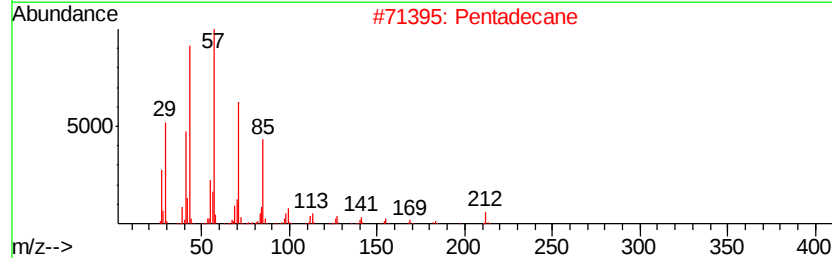
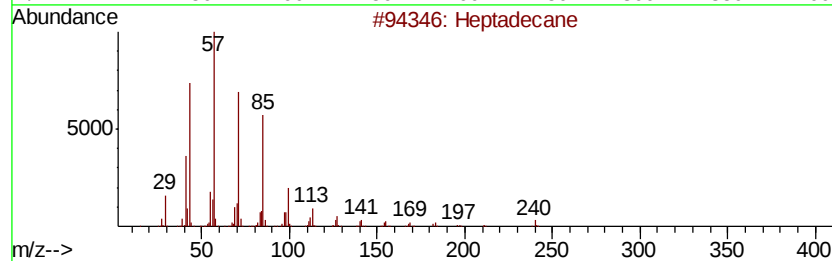
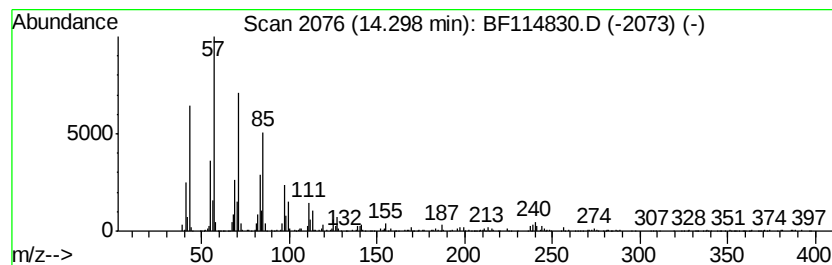
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.48 ng	443959	Chrysene-d12	13.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	96
2	Pentadecane	212 C15H32	000629-62-9	92
3	Sulfurous acid, 2-propyl tridecyl...	306 C16H34O3S	1000309-12-4	91
4	Sulfurous acid, dodecyl 2-propyl...	292 C15H32O3S	1000309-12-3	91
5	Sulfurous acid, 2-propyl tetradecyl...	320 C17H36O3S	1000309-12-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114830.D
Acq On : 5 Jun 2019 20:47
Operator : HP/JU
Sample : K3183-07
Misc :
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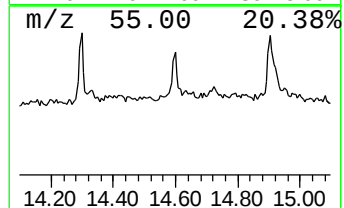
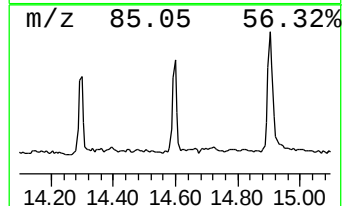
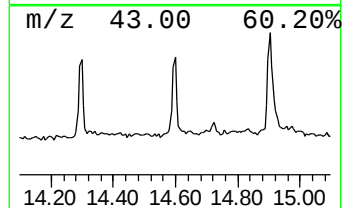
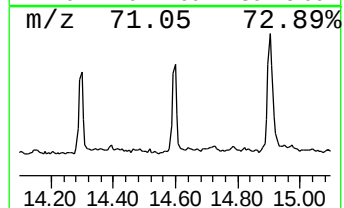
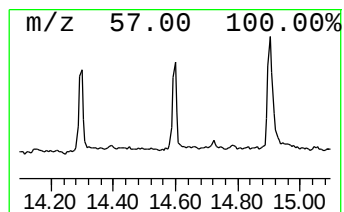
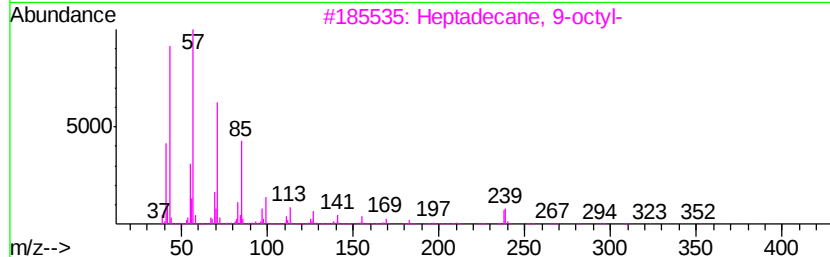
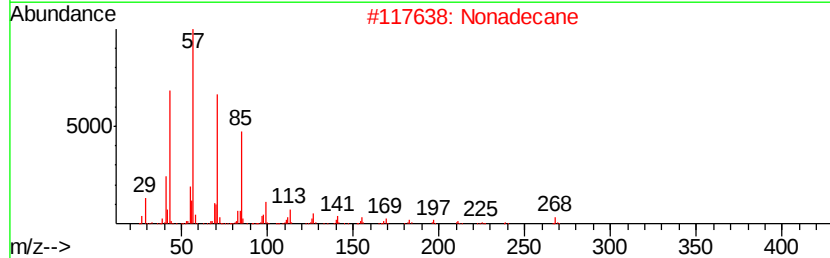
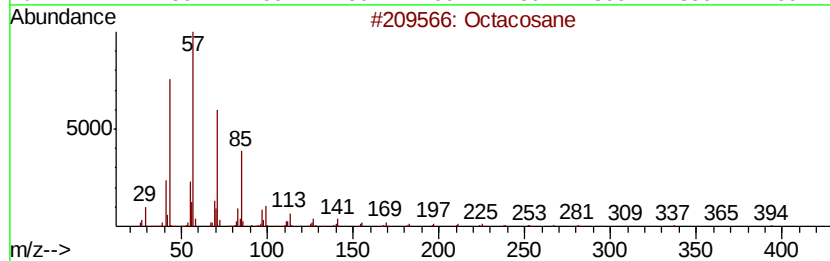
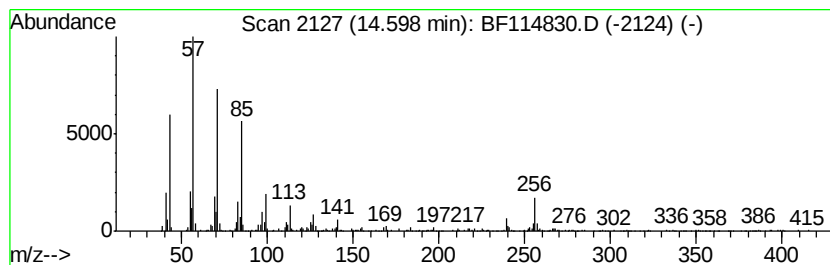
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	3.49 ng	446867	Perylene-d12	15.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosane	394 C28H58	000630-02-4	96
2	Nonadecane	268 C19H40	000629-92-5	93
3	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	93
4	Heneicosane	296 C21H44	000629-94-7	87
5	Heptadecane	240 C17H36	000629-78-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114830.D
Acq On : 5 Jun 2019 20:47
Operator : HP/JU
Sample : K3183-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

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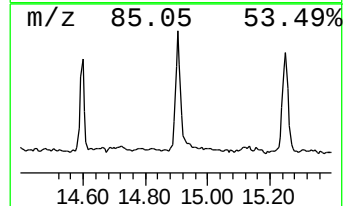
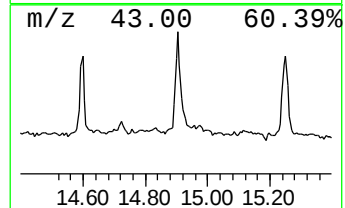
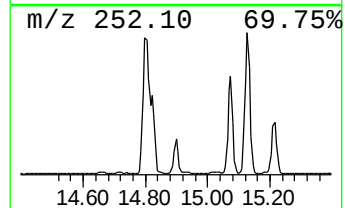
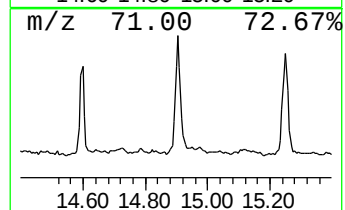
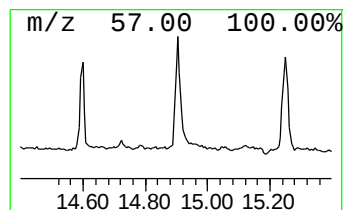
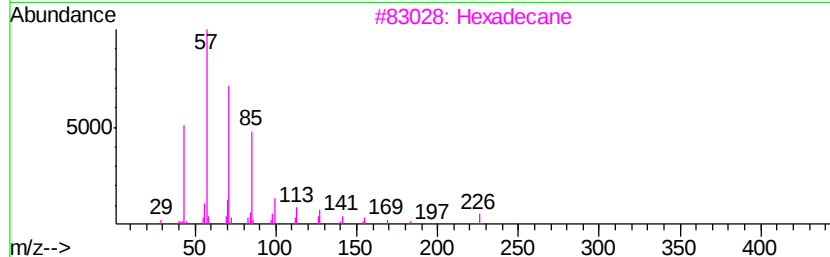
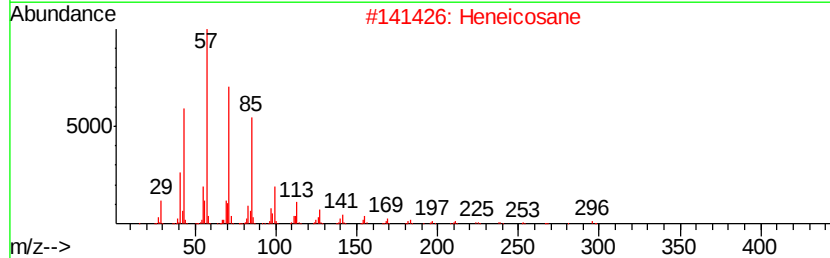
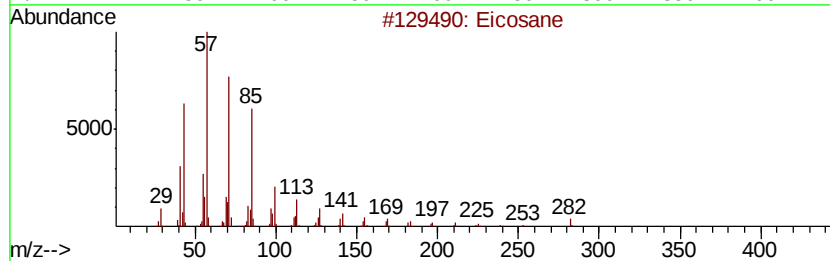
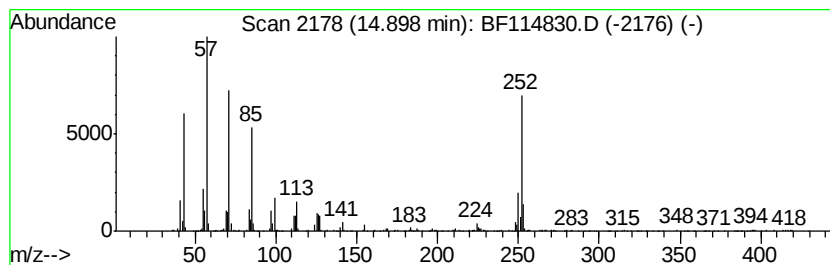
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	5.51 ng	704756	Perylene-d12	15.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	98
2	Heneicosane		296	C21H44	000629-94-7	96
3	Hexadecane		226	C16H34	000544-76-3	90
4	Pentacosane		352	C25H52	000629-99-2	83
5	2-methyloctacosane		408	C29H60	1000376-72-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114830.D
Acq On : 5 Jun 2019 20:47
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Sample : K3183-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

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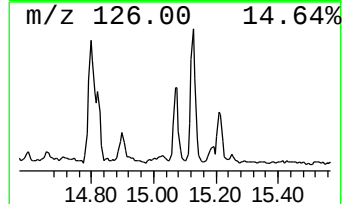
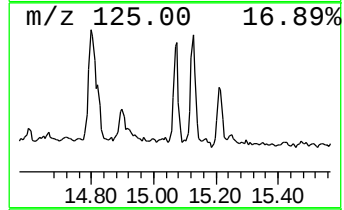
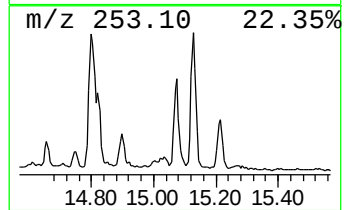
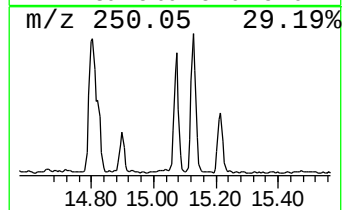
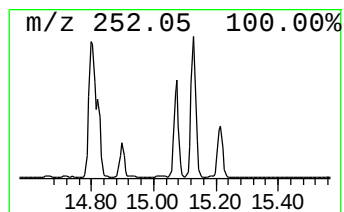
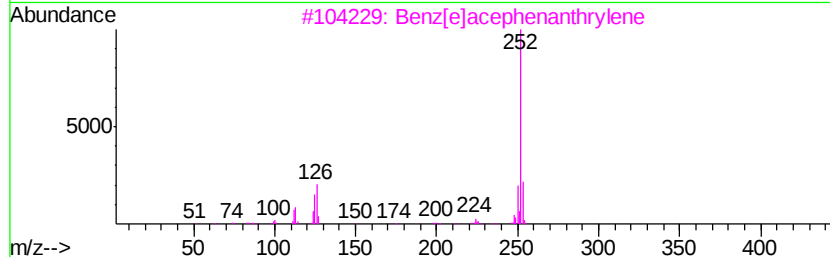
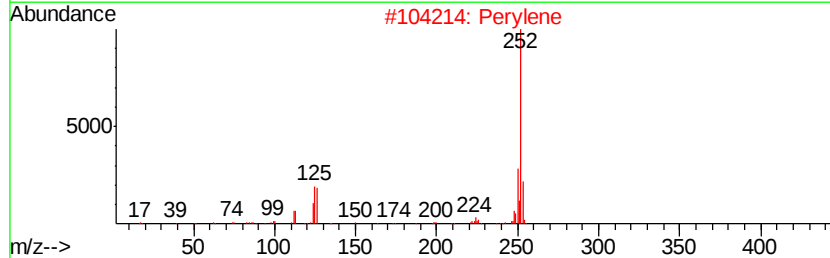
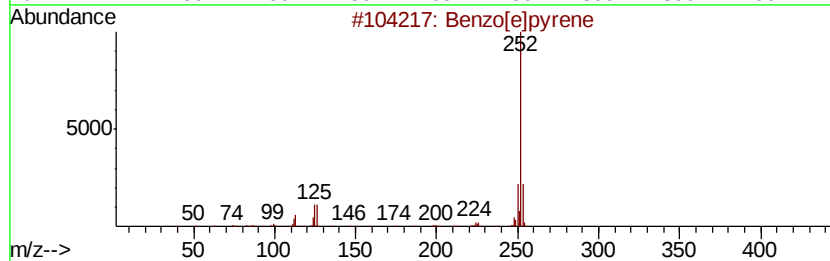
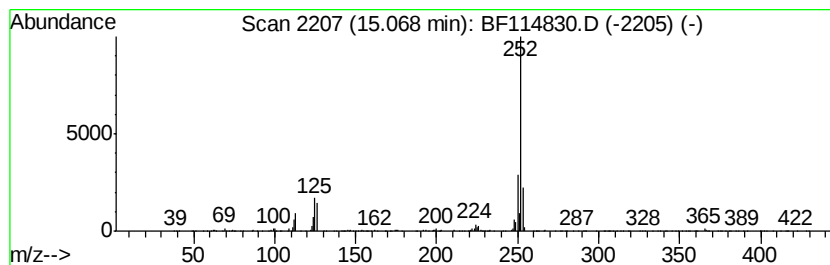
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	4.03 ng	515328	Perylene-d12	15.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Perylene	252	C20H12	000198-55-0	96
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5		Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114830.D
Acq On : 5 Jun 2019 20:47
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Sample : K3183-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

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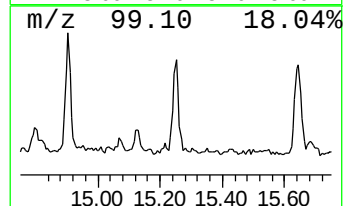
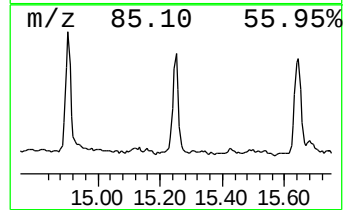
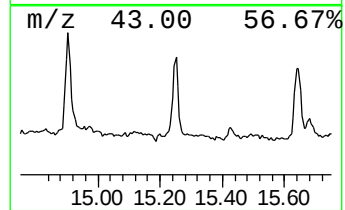
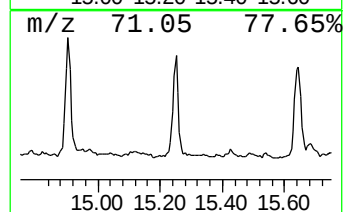
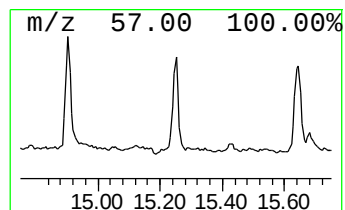
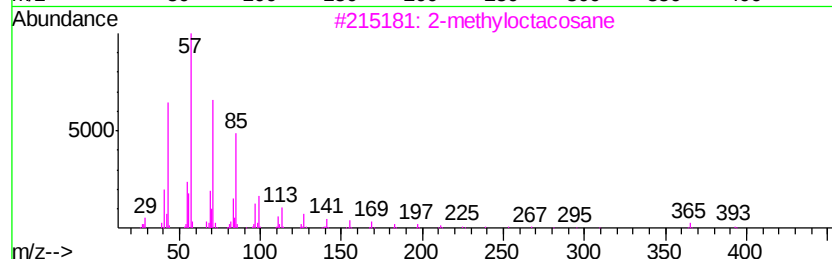
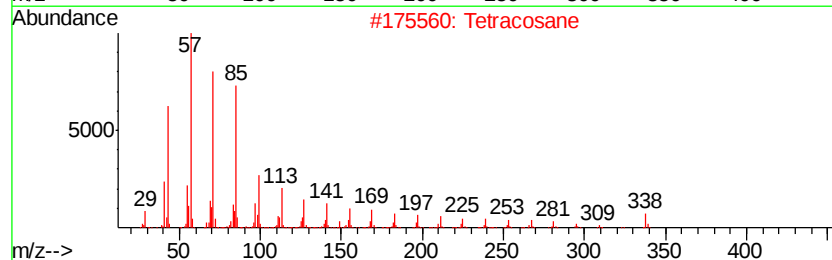
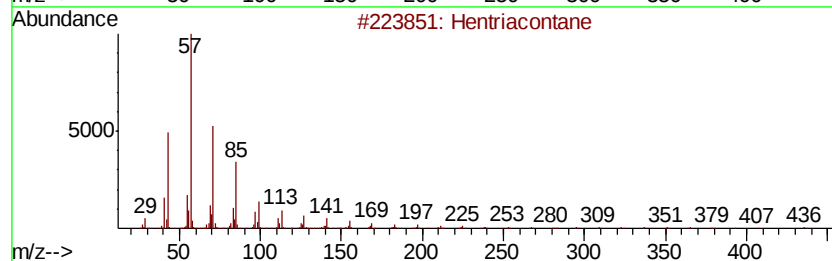
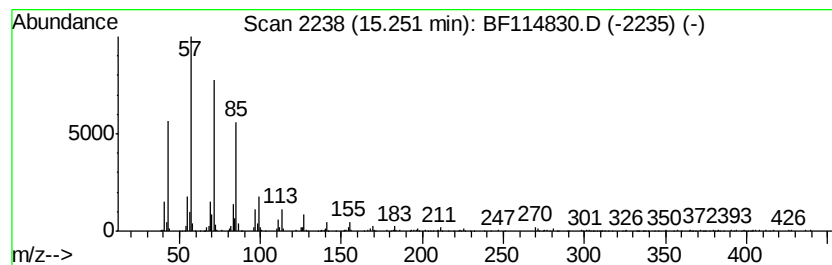
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	4.01 ng	513624	Perylene-d12	15.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	96
2		Tetracosane	338	C24H50	000646-31-1	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Eicosane	282	C20H42	000112-95-8	90
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
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Acq On : 5 Jun 2019 20:47
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Sample : K3183-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

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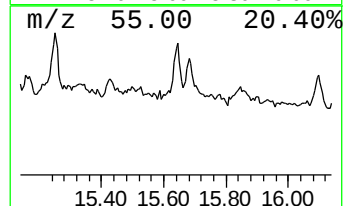
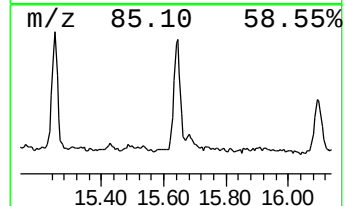
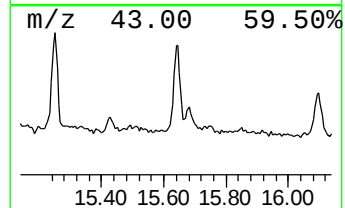
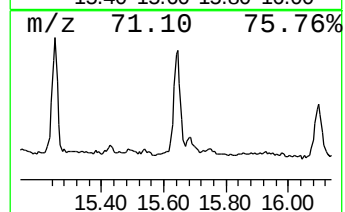
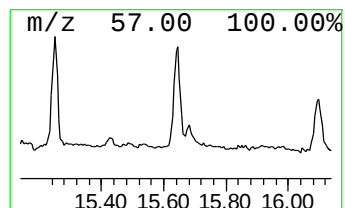
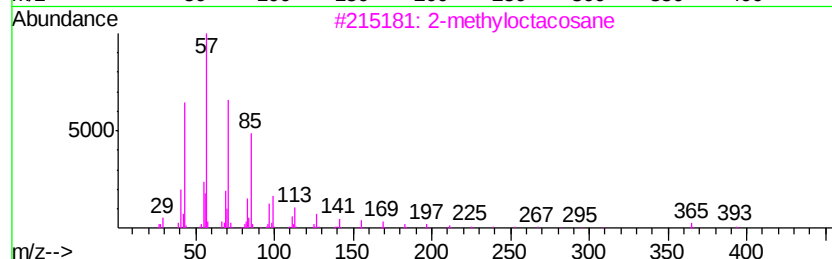
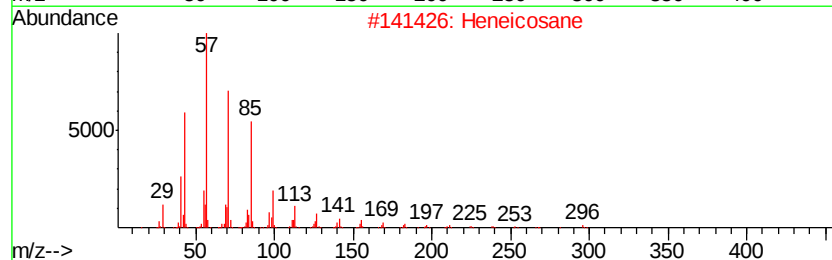
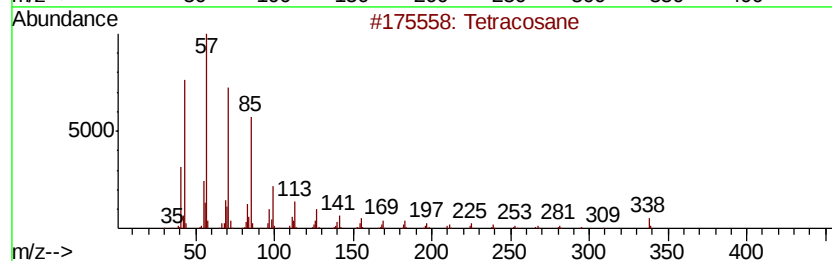
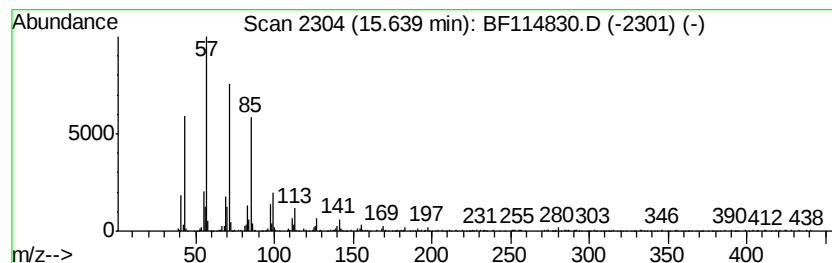
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	3.96 ng	506950	Perylene-d12	15.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060519\
 Data File : BF114830.D
 Acq On : 5 Jun 2019 20:47
 Operator : HP/JU
 Sample : K3183-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-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
unknown6.43	6.43	57.4	ng	5797810	1	6.67	2020910	20.0
Phenanthrene, 1-m...	11.70	2.2	ng	385737	4	11.17	3457660	20.0
n-Hexadecanoic acid	11.72	4.8	ng	835716	4	11.17	3457660	20.0
4H-Cyclopenta[def...	11.78	3.4	ng	578323	4	11.17	3457660	20.0
Octadecanoic acid	12.50	2.5	ng	451057	5	13.79	3580950	20.0
1-Heneicosanol	13.66	4.3	ng	769530	5	13.79	3580950	20.0
Heptadecane	14.30	2.5	ng	443959	5	13.79	3580950	20.0
Octacosane	14.60	3.5	ng	446867	6	15.19	2559860	20.0
Eicosane	14.90	5.5	ng	704756	6	15.19	2559860	20.0
Benzo[e]pyrene	15.07	4.0	ng	515328	6	15.19	2559860	20.0
Hentriacontane	15.25	4.0	ng	513624	6	15.19	2559860	20.0
Tetracosane	15.64	4.0	ng	506950	6	15.19	2559860	20.0