

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113820.D
 Acq On : 18 Apr 2019 16:38
 Operator : JU/SJ
 Sample : K2411-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-D

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-BF041819.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.205	15	20	26	rVB	41374	53935	1.22%	0.109%
2	5.516	577	583	586	rBV	3640433	3575459	81.18%	7.238%
3	6.516	747	753	756	rBV	3663542	3619045	82.17%	7.326%
4	6.663	773	778	781	rBV	4111610	3803041	86.34%	7.698%
5	6.892	814	817	821	rVB	1400158	1107058	25.13%	2.241%
6	7.051	840	844	847	rBV	3694115	3054971	69.36%	6.184%
7	7.451	907	912	915	rBV	2502087	2309139	52.43%	4.674%
8	8.175	1031	1035	1038	rBV	1665765	1387832	31.51%	2.809%
9	8.981	1169	1172	1175	rBV	51174	44978	1.02%	0.091%
10	9.251	1213	1218	1221	rBV	4726330	4404591	100.00%	8.916%
11	9.586	1271	1275	1277	rBV	64174	61118	1.39%	0.124%
12	9.633	1281	1283	1290	rVB	434057	357914	8.13%	0.725%
13	9.786	1306	1309	1312	rBV	210244	166473	3.78%	0.337%
14	9.928	1329	1333	1336	rBV	1799815	1515483	34.41%	3.068%
15	9.957	1336	1338	1342	rVB	104037	77261	1.75%	0.156%
16	10.128	1363	1367	1369	rBV	62015	54063	1.23%	0.109%
17	10.469	1422	1425	1432	rVB	100526	100784	2.29%	0.204%
18	10.710	1461	1466	1469	rBV	2614641	2308164	52.40%	4.672%
19	11.410	1581	1585	1587	rBV	1501217	1452638	32.98%	2.941%
20	11.427	1587	1588	1591	rVV	250101	184211	4.18%	0.373%
21	11.480	1591	1597	1600	rVV	132063	118543	2.69%	0.240%
22	11.933	1667	1674	1679	rBV	629141	750999	17.05%	1.520%
23	12.022	1685	1689	1697	rVB	78853	112532	2.55%	0.228%
24	12.457	1759	1763	1766	rBV2	68274	75858	1.72%	0.154%
25	12.492	1766	1769	1774	rVV3	33773	49983	1.13%	0.101%
26	12.616	1787	1790	1793	rBV	334677	287507	6.53%	0.582%
27	12.722	1802	1808	1823	rBV2	1086422	1410608	32.03%	2.855%
28	12.845	1823	1829	1832	rBV	447389	389089	8.83%	0.788%
29	12.992	1849	1854	1857	rVB	4257755	3804457	86.37%	7.701%
30	13.063	1863	1866	1869	rBV3	66294	77198	1.75%	0.156%
31	13.157	1878	1882	1883	rBV3	77264	106825	2.43%	0.216%
32	13.239	1892	1896	1898	rVB2	63290	66921	1.52%	0.135%
33	13.274	1898	1902	1905	rBV2	118884	115036	2.61%	0.233%
34	13.369	1915	1918	1921	rVB	100715	75484	1.71%	0.153%

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35	13.398	1921	1923	1927	rBV	66912	56138	1.27%	0.114%
36	13.792	1985	1990	1992	rBV2	58701	85380	1.94%	0.173%
37	13.839	1996	1998	2002	rVB2	74730	66632	1.51%	0.135%
38	13.886	2002	2006	2011	rBV2	602693	604481	13.72%	1.224%
39	13.957	2016	2018	2024	rVV3	46626	76114	1.73%	0.154%
40	14.039	2027	2032	2035	rVV2	1634692	1980094	44.96%	4.008%
41	14.063	2035	2036	2042	rVB	414831	283726	6.44%	0.574%
42	14.216	2059	2062	2065	rVB2	100313	103829	2.36%	0.210%
43	14.386	2089	2091	2093	rBV2	49599	55806	1.27%	0.113%
44	14.421	2093	2097	2100	rVV	175342	240083	5.45%	0.486%
45	14.457	2100	2103	2106	rVV	119480	114072	2.59%	0.231%
46	14.515	2110	2113	2116	rVV2	226070	255997	5.81%	0.518%
47	14.545	2116	2118	2120	rVV	108775	109883	2.49%	0.222%
48	14.568	2120	2122	2126	rVB3	78842	82487	1.87%	0.167%
49	14.827	2161	2166	2174	rVB2	156421	242049	5.50%	0.490%
50	14.904	2174	2179	2185	rBV4	110531	212647	4.83%	0.430%
51	14.980	2189	2192	2196	rVB3	56418	71346	1.62%	0.144%
52	15.080	2204	2209	2212	rBV	724800	1158859	26.31%	2.346%
53	15.186	2220	2227	2231	rBV2	253017	476689	10.82%	0.965%
54	15.380	2256	2260	2266	rVB	505012	599293	13.61%	1.213%
55	15.445	2266	2271	2276	rVB	629866	783857	17.80%	1.587%
56	15.510	2276	2282	2285	rBV	1312895	1633907	37.10%	3.307%
57	15.539	2285	2287	2288	rBV	88358	68453	1.55%	0.139%
58	15.868	2340	2343	2350	rVB2	51023	78646	1.79%	0.159%
59	15.998	2359	2365	2369	rBV2	139900	242876	5.51%	0.492%
60	16.039	2369	2372	2383	rVB4	128752	295972	6.72%	0.599%
61	16.410	2430	2435	2443	rVB10	41069	107811	2.45%	0.218%
62	16.515	2448	2453	2462	rVV6	74089	160966	3.65%	0.326%
63	16.792	2493	2500	2501	rBV2	82859	136091	3.09%	0.275%
64	16.974	2524	2531	2538	rBV2	356768	718628	16.32%	1.455%
65	17.145	2550	2560	2565	rBV2	82125	237658	5.40%	0.481%
66	17.204	2566	2570	2575	rVV2	69125	136413	3.10%	0.276%
67	17.415	2599	2606	2616	rVB	289409	595752	13.53%	1.206%
68	17.645	2641	2645	2650	rVB2	53557	90030	2.04%	0.182%
69	18.586	2797	2805	2815	rBV2	43753	158973	3.61%	0.322%

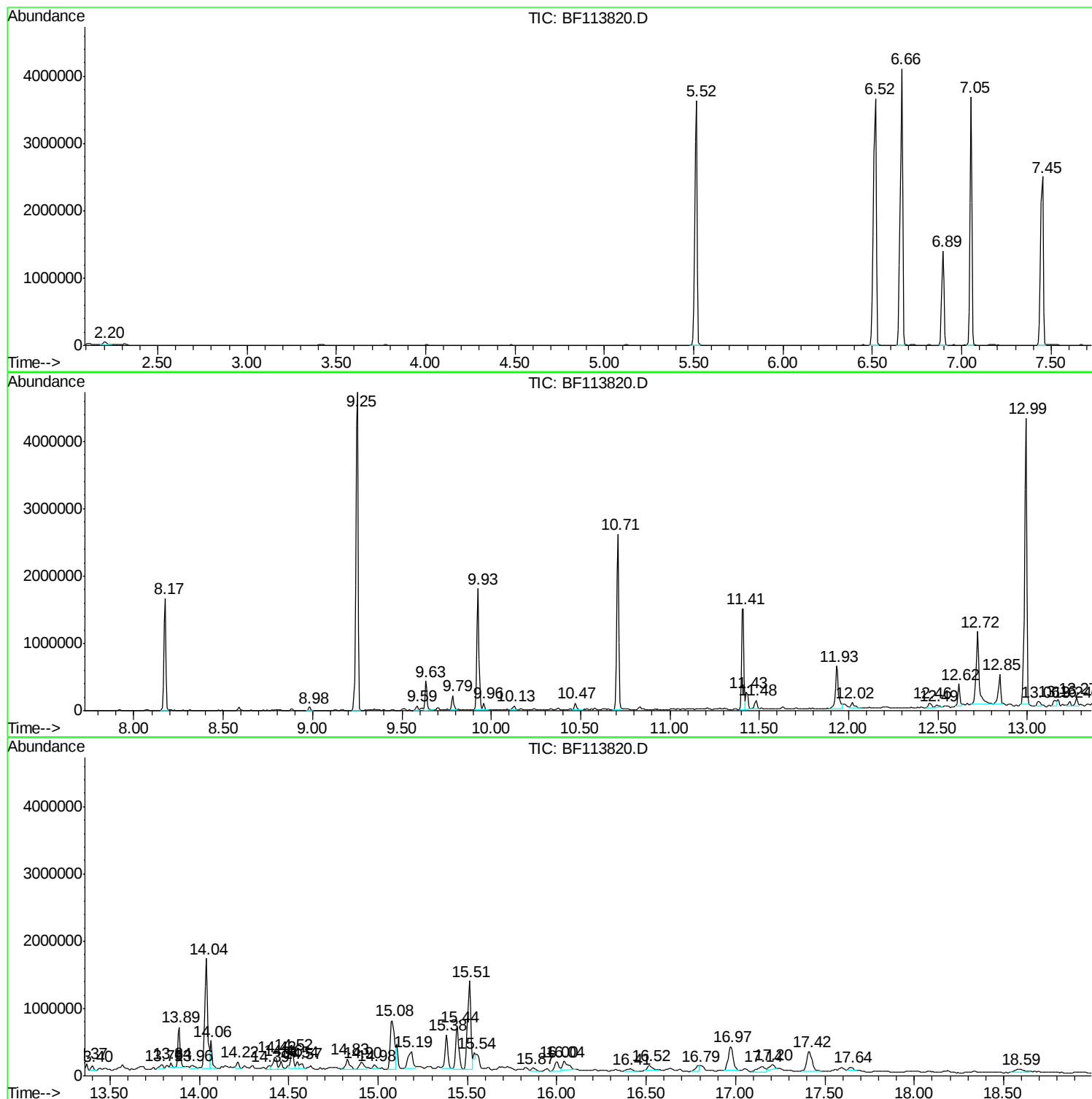
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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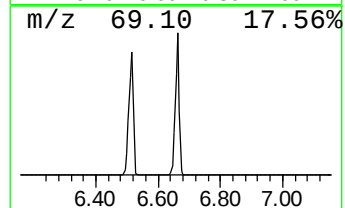
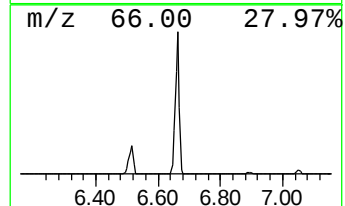
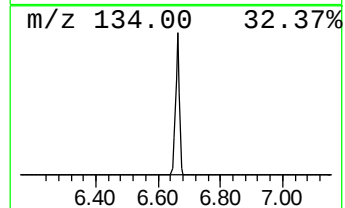
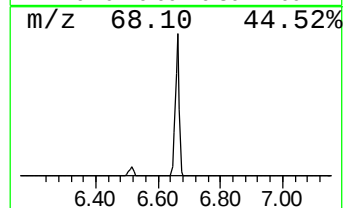
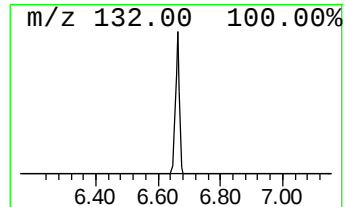
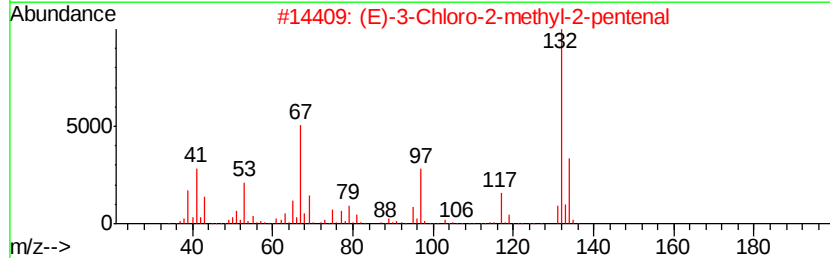
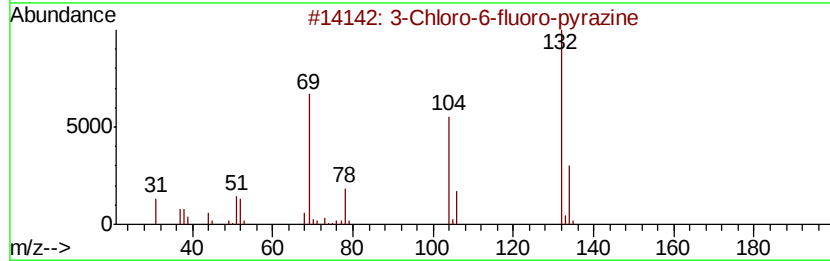
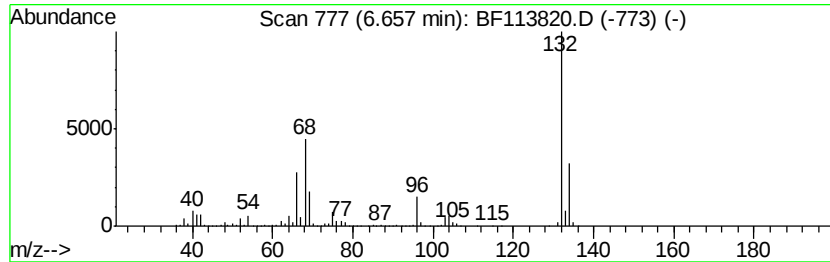
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	68.71 ng	3803040	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropane-propionyl	189	C12H15NO	1000123-86-3	12
4		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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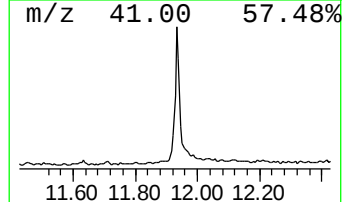
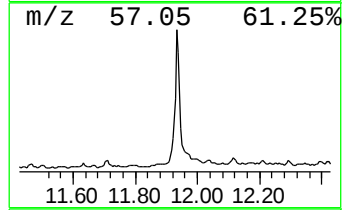
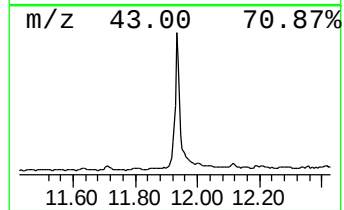
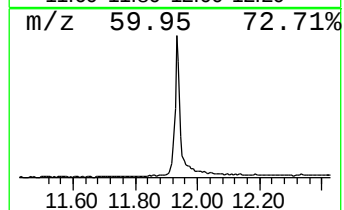
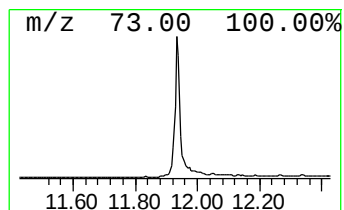
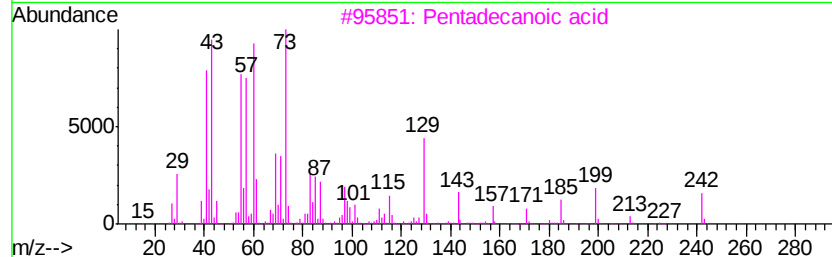
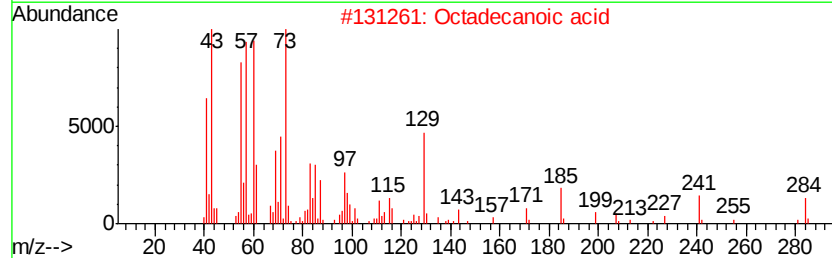
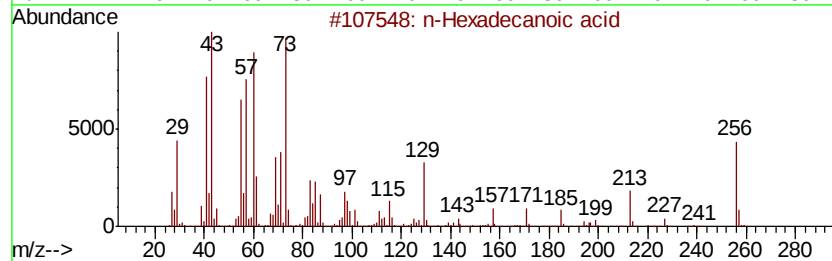
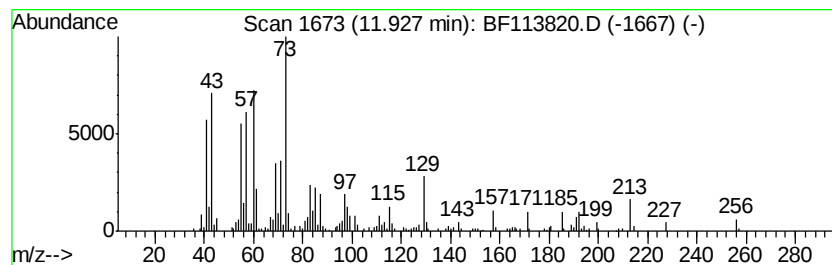
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.93	10.34 ng	750999	Phenanthrene-d10		11.41	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	87
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	81



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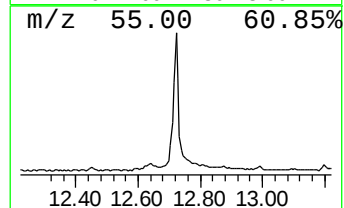
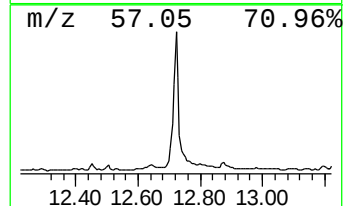
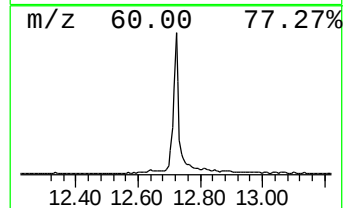
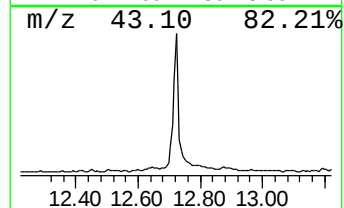
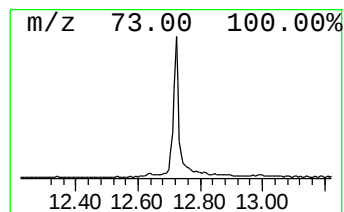
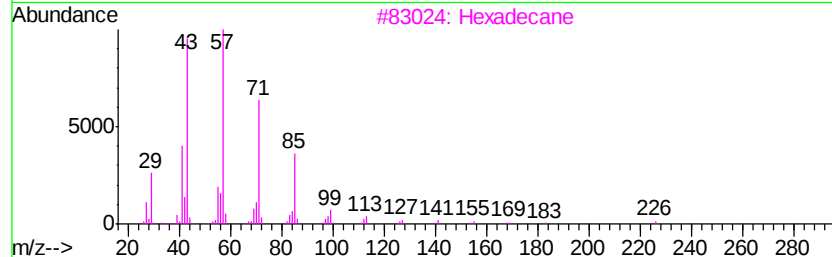
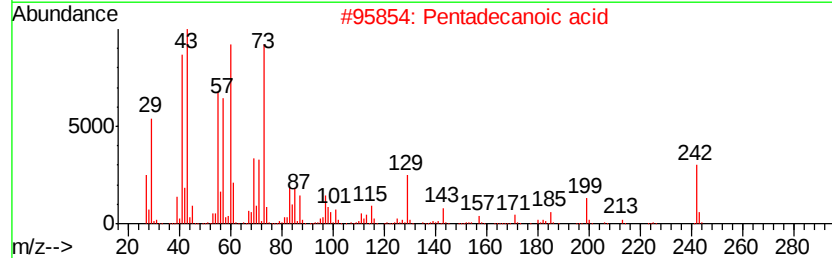
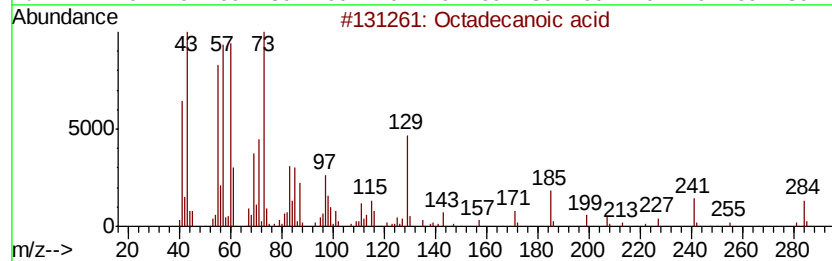
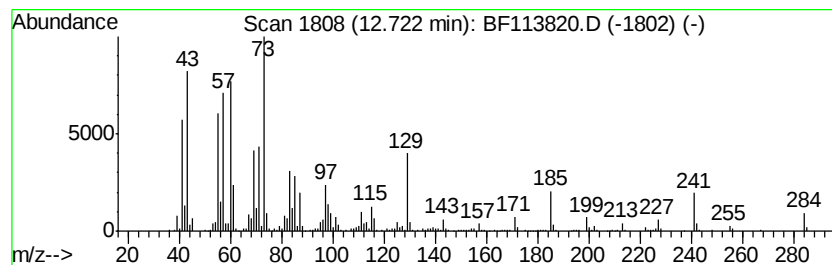
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	19.42 ng	1410610	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



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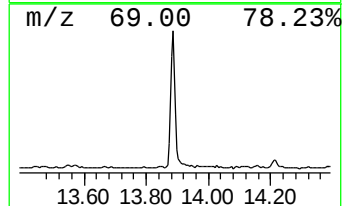
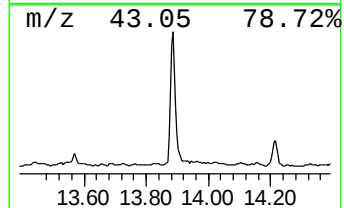
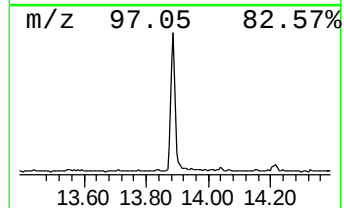
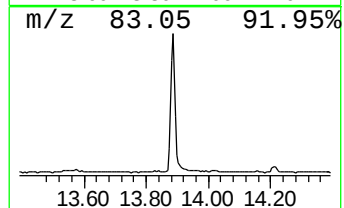
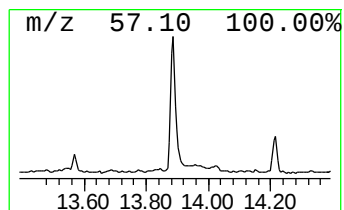
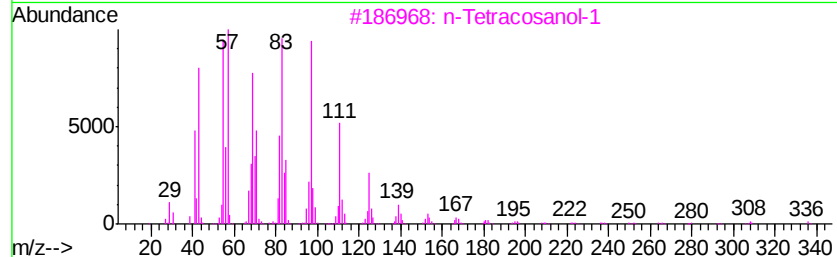
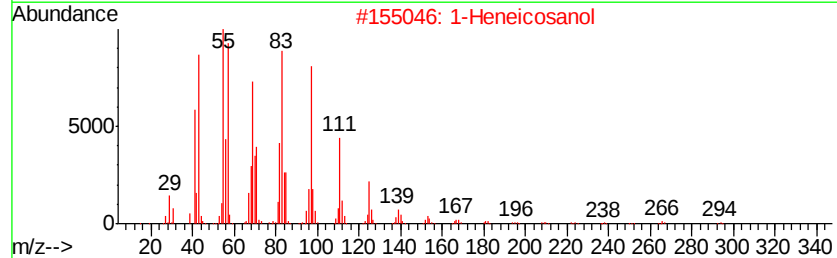
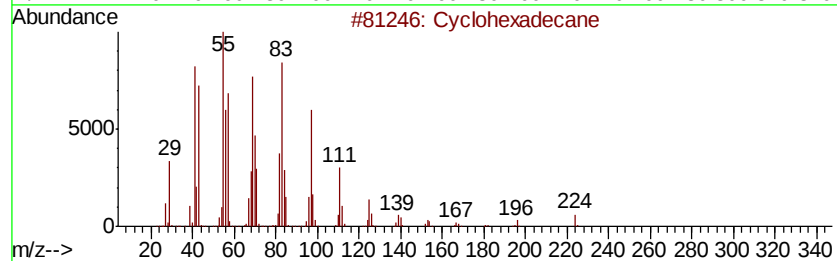
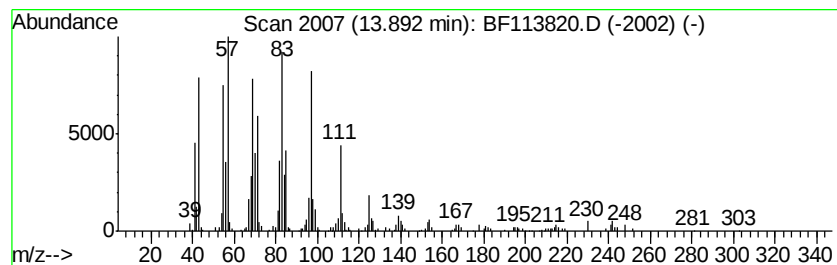
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.89	6.11 ng	604481	Chrysene-d12	14.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexadecane	224	C16H32	000295-65-8	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	94



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ClientSampleId :
TP-14-D

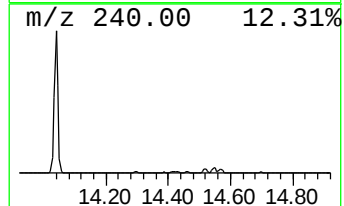
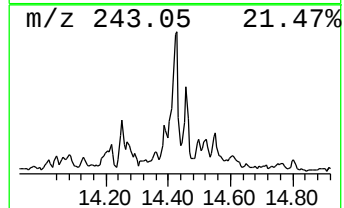
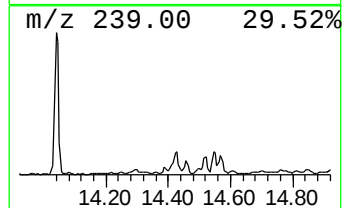
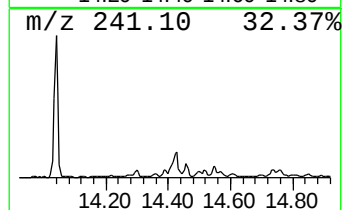
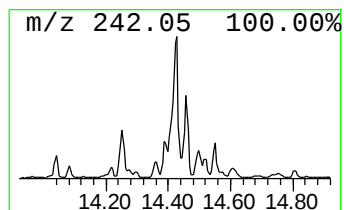
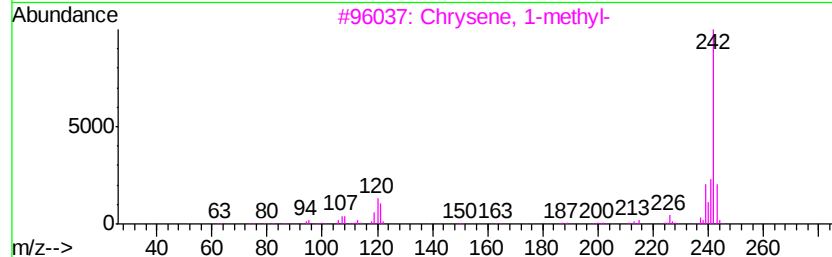
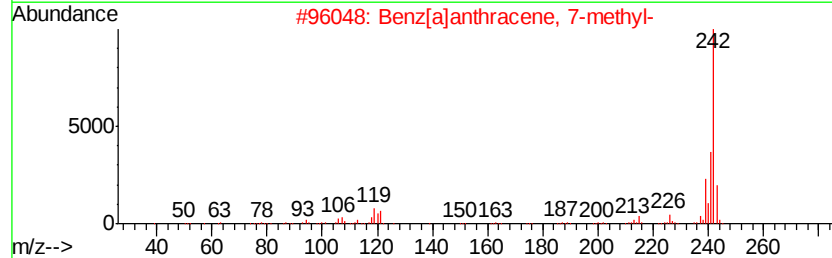
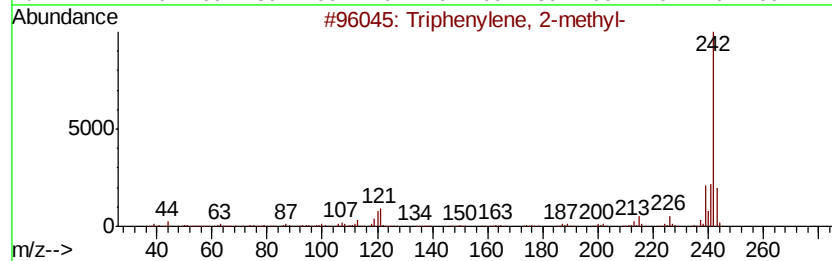
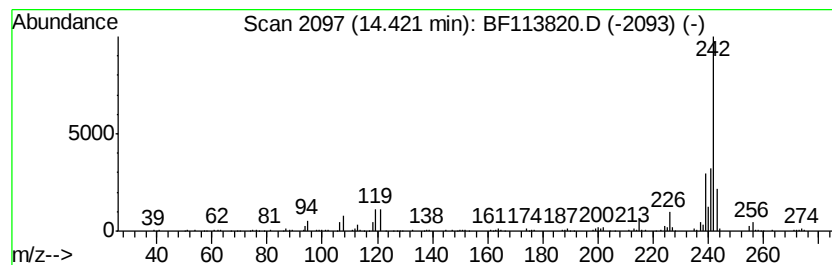
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Triphenylene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	2.42 ng	240083	Chrysene-d12	14.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91
2			Benz[<i>a</i>]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
3			Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
4			2-Methylchrysene	242	C19H14	003351-32-4	90
5			Benz[<i>a</i>]anthracene, 8-methyl-	242	C19H14	002381-31-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113820.D
Acq On : 18 Apr 2019 16:38
Operator : JU/SJ
Sample : K2411-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

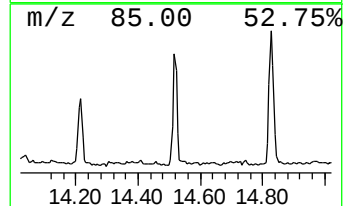
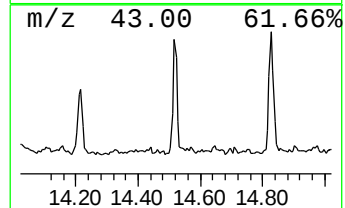
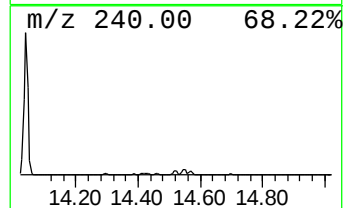
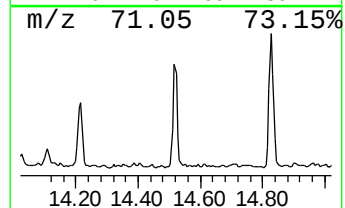
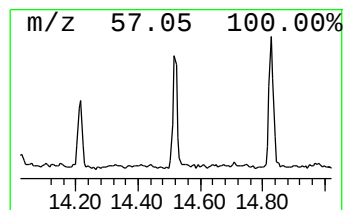
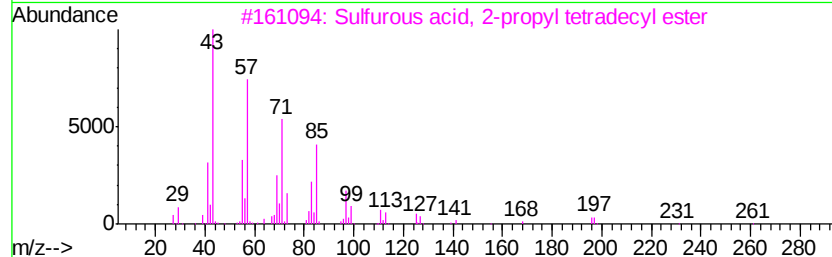
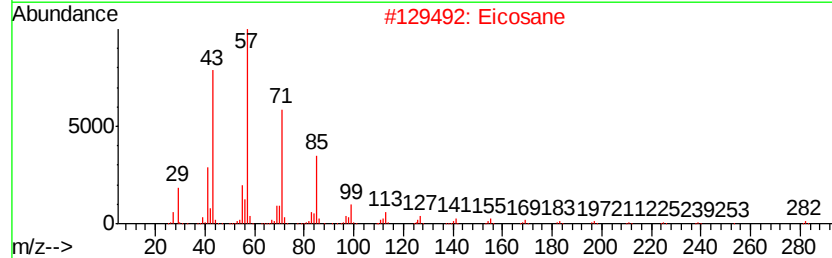
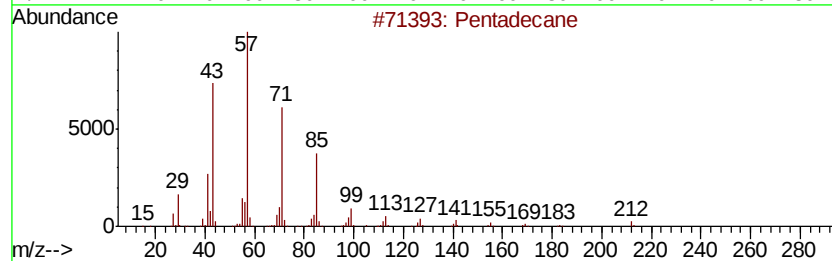
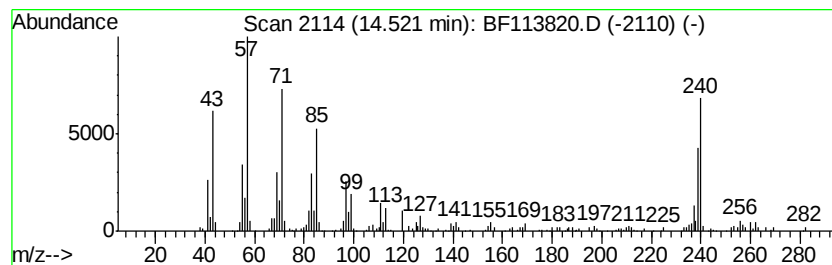
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	2.59 ng	255997	Chrysene-d12	14.04
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	74
2	Eicosane	282 C20H42	000112-95-8	70
3	Sulfurous acid, 2-propyl tetradecyl ester	320 C17H36O3S	1000309-12-5	45
4	Tritetracontane	605 C43H88	007098-21-7	45
5	Sulfurous acid, 2-propyl tridecyl ester	306 C16H34O3S	1000309-12-4	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
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ALS Vial : 4 Sample Multiplier: 1

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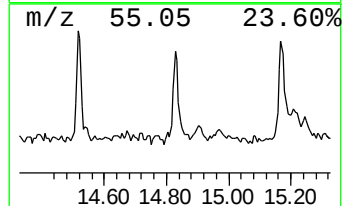
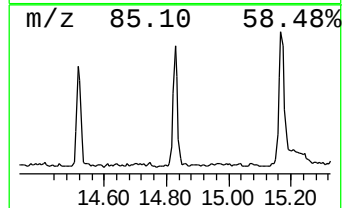
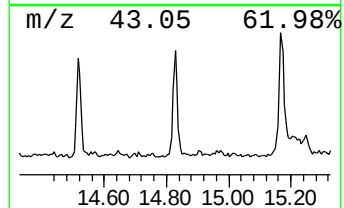
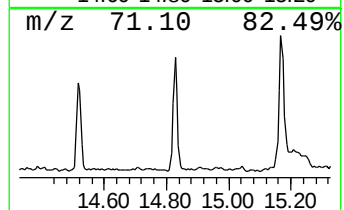
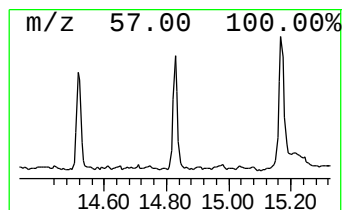
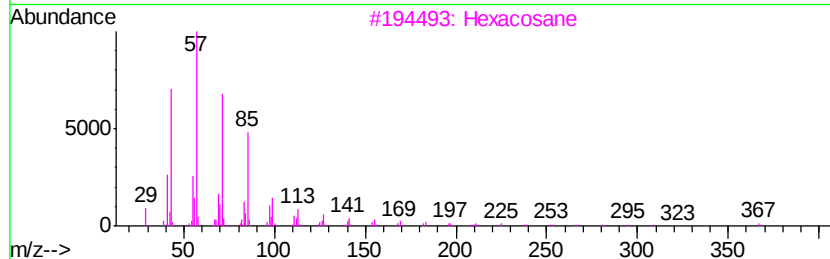
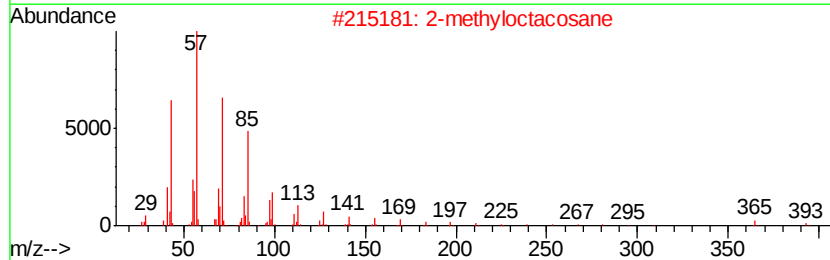
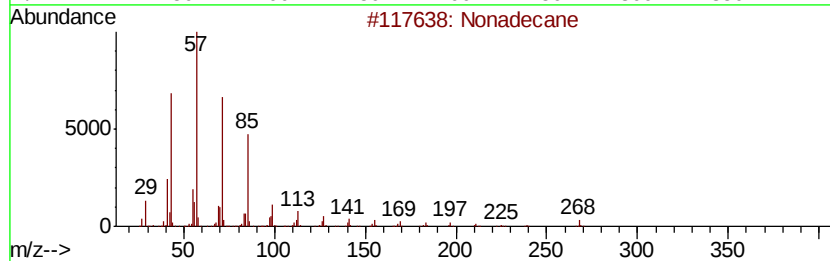
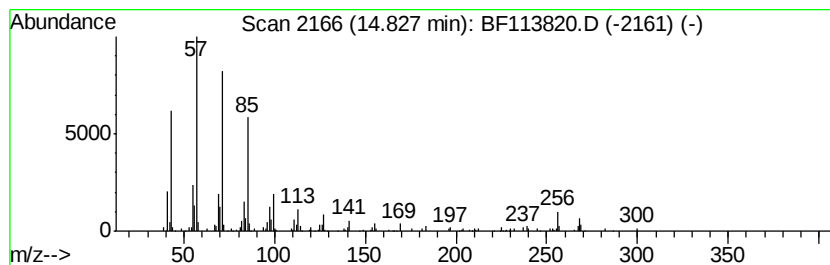
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	2.96 ng	242049	Perylene-d12	15.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	95
2	2-methyloctacosane		408	C29H60	1000376-72-8	90
3	Hexacosane		366	C26H54	000630-01-3	90
4	Heneicosane		296	C21H44	000629-94-7	90
5	Heptacosane		380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
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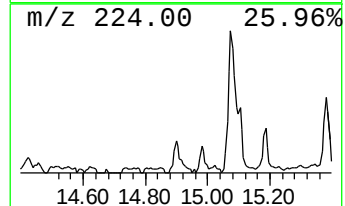
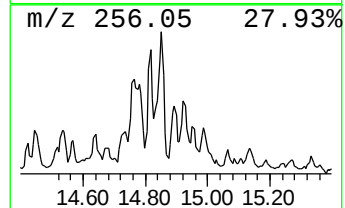
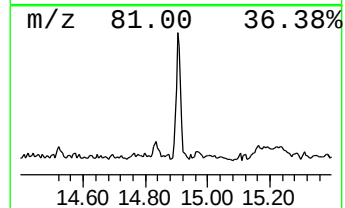
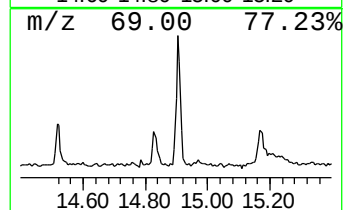
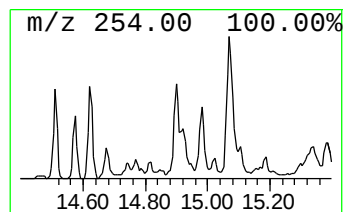
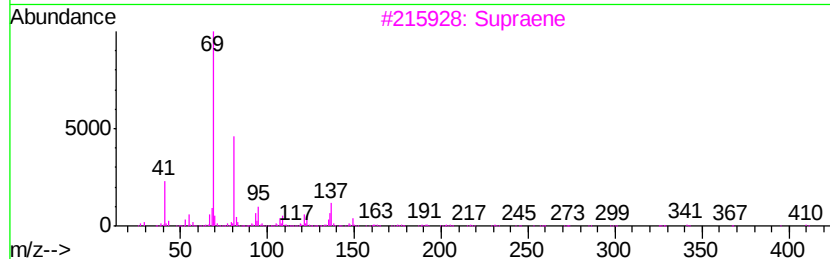
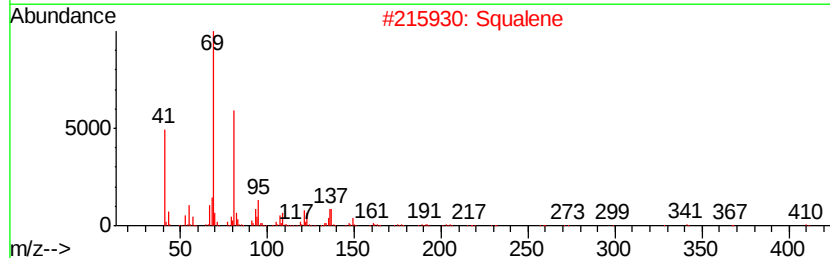
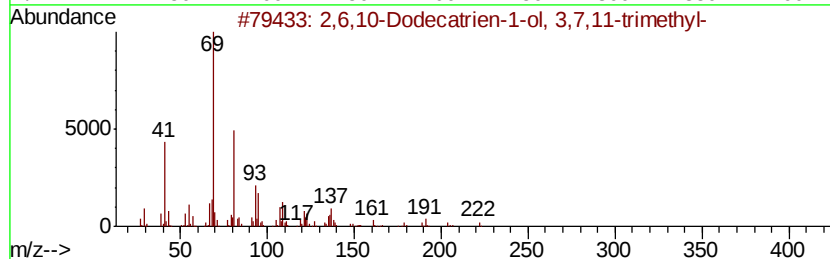
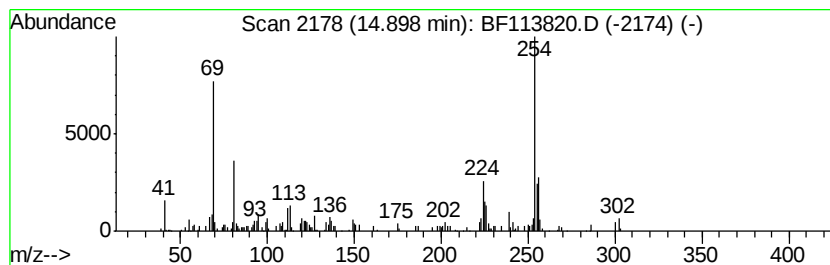
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2,6,10-Dodecatrien-1-ol, 3,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.90	2.60 ng	212647	Perylene-d12	15.51		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	55	
2	Squalene	410	C30H50	000111-02-4	49	
3	Supraene	410	C30H50	007683-64-9	46	
4	trans-Farnesol	222	C15H26O	000106-28-5	45	
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	003790-71-4	43	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
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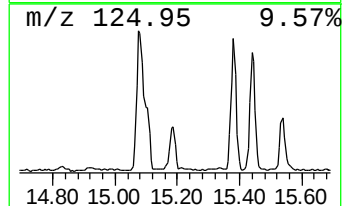
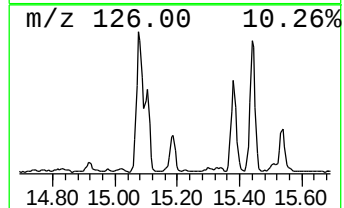
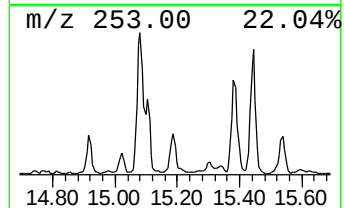
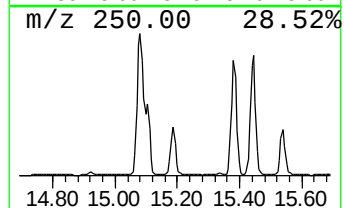
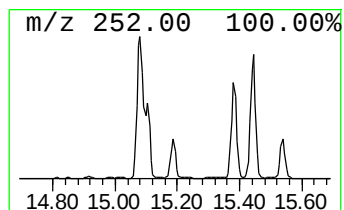
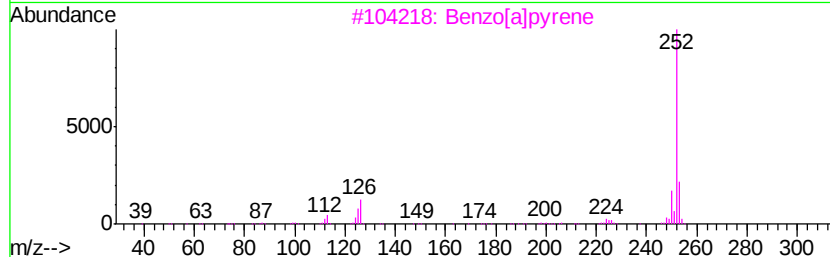
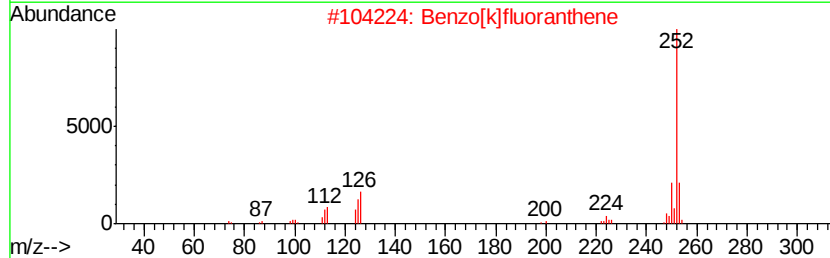
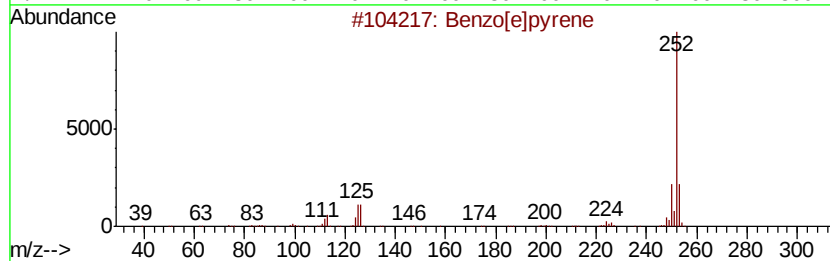
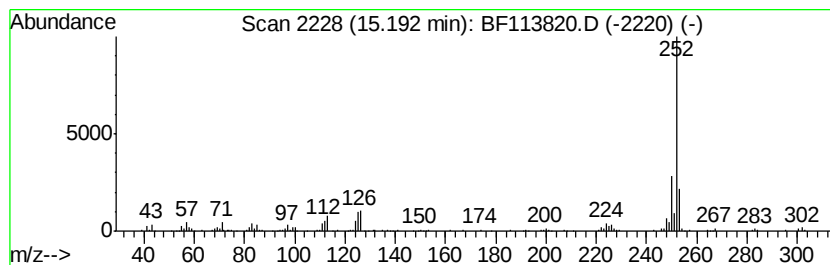
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	5.83 ng	476689	Perylene-d12	15.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3			Benzo[a]pyrene	252	C20H12	000050-32-8	95
4			Perylene	252	C20H12	000198-55-0	94
5			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
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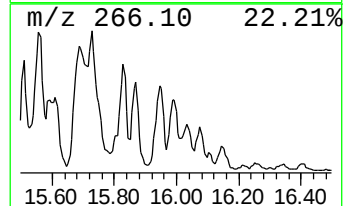
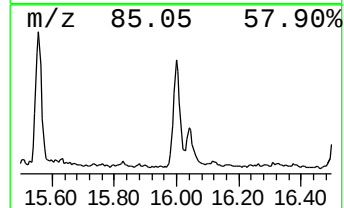
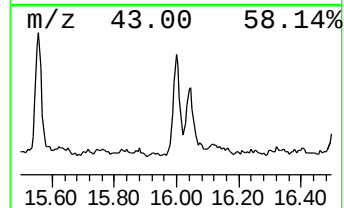
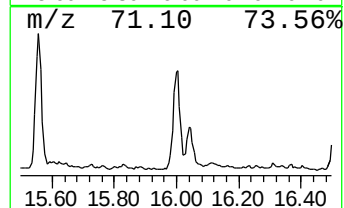
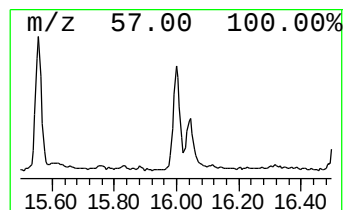
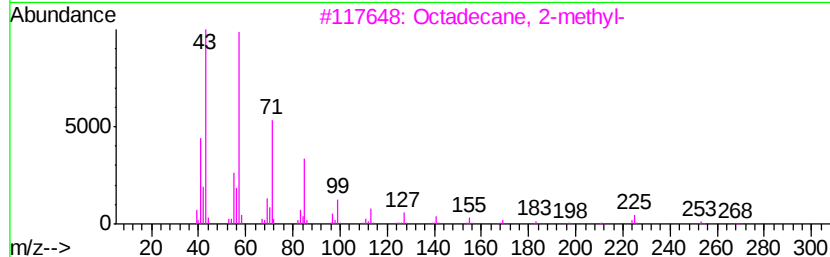
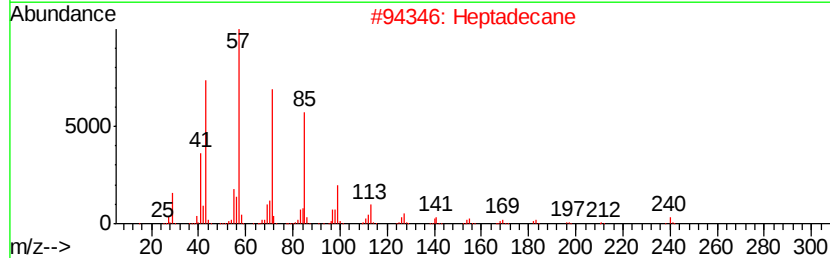
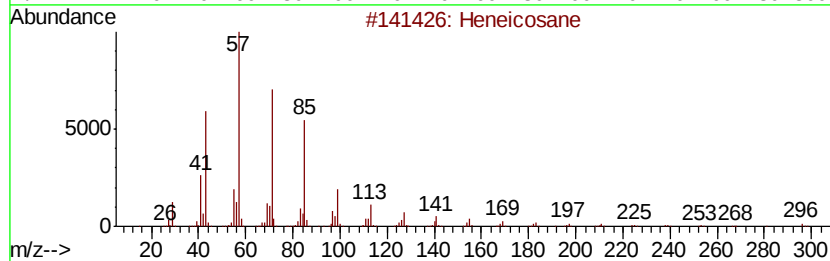
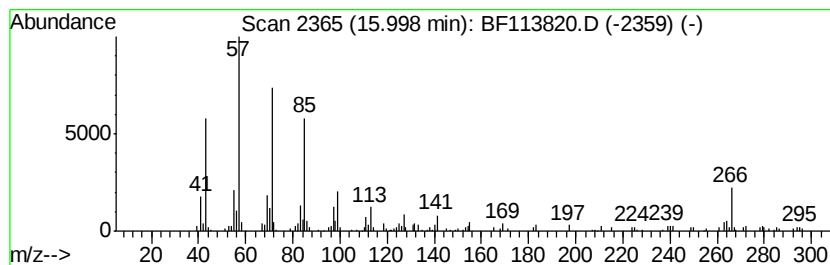
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	2.97 ng	242876	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Heptadecane	240	C17H36	000629-78-7	90
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	89
4		Hexacosane	366	C26H54	000630-01-3	87
5		Eicosane	282	C20H42	000112-95-8	87



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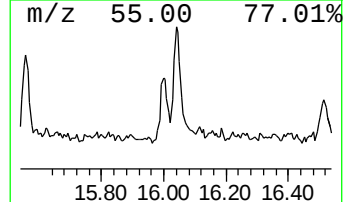
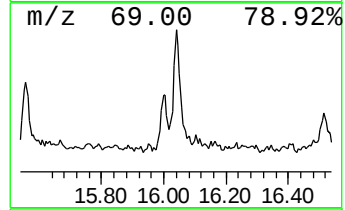
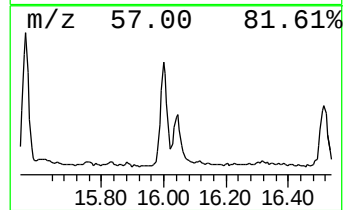
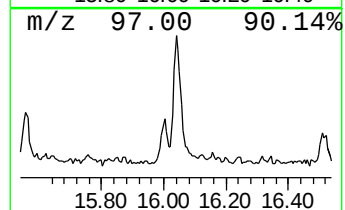
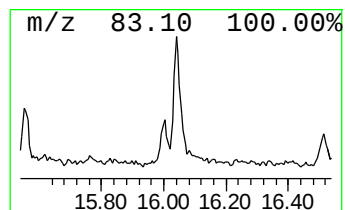
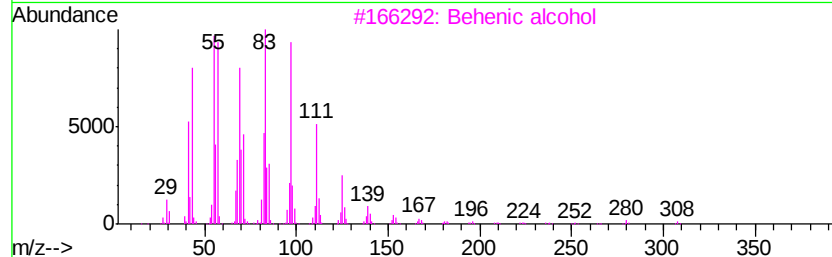
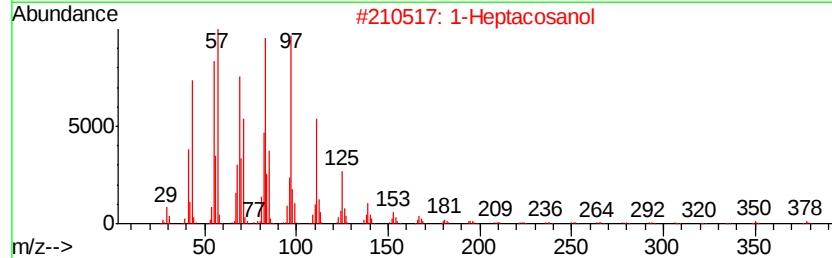
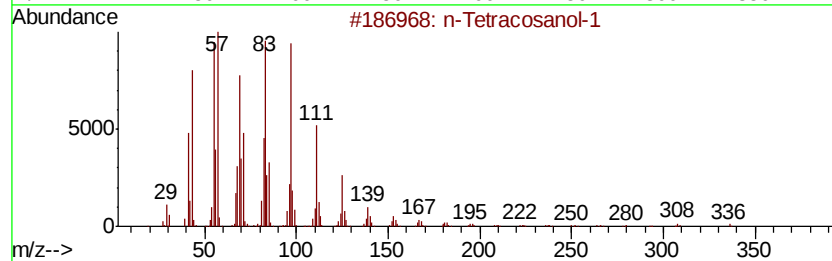
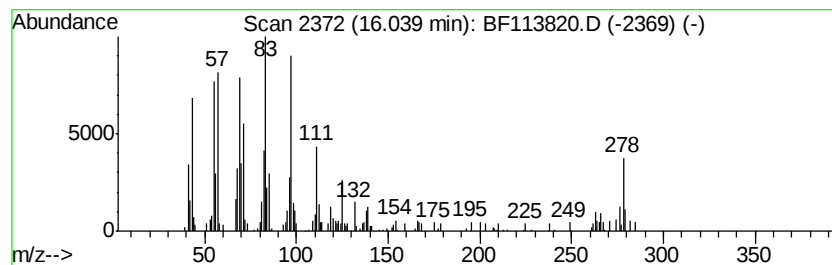
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Tetracosanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	3.62 ng	295972	Perylene-d12	15.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2			1-Heptacosanol	396	C27H56O	002004-39-9	93
3			Behenic alcohol	326	C22H46O	000661-19-8	93
4			1-Heneicosanol	312	C21H44O	015594-90-8	74
5			1-Nonadecene	266	C19H38	018435-45-5	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041819\
Data File : BF113820.D
Acq On : 18 Apr 2019 16:38
Operator : JU/SJ
Sample : K2411-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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
unknown6.66	6.66	68.7	ng	3803040	1	6.89	1107060	20.0
n-Hexadecanoic acid	11.93	10.3	ng	750999	4	11.41	1452640	20.0
Octadecanoic acid	12.72	19.4	ng	1410610	4	11.41	1452640	20.0
Cyclohexadecane	13.89	6.1	ng	604481	5	14.04	1980090	20.0
Triphenylene, 2-m...	14.42	2.4	ng	240083	5	14.04	1980090	20.0
Pentadecane	14.52	2.6	ng	255997	5	14.04	1980090	20.0
Nonadecane	14.83	3.0	ng	242049	6	15.51	1633910	20.0
2,6,10-Dodecatric...	14.90	2.6	ng	212647	6	15.51	1633910	20.0
Benzo[e]pyrene	15.19	5.8	ng	476689	6	15.51	1633910	20.0
Heneicosane	16.00	3.0	ng	242876	6	15.51	1633910	20.0
n-Tetracosanol-1	16.04	3.6	ng	295972	6	15.51	1633910	20.0