

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041720\
 Data File : BF120069.D
 Acq On : 17 Apr 2020 19:48
 Operator : MA/SJ
 Sample : L2242-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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	5.334	547	552	555	rBV	3211581	2949595	97.56%	11.822%
2	6.369	722	728	731	rBV	3009246	3023520	100.00%	12.118%
3	6.557	757	760	766	rBV2	53233	61174	2.02%	0.245%
4	6.728	785	789	792	rBV	1047827	888311	29.38%	3.560%
5	6.881	811	815	819	rBV	2658160	2540184	84.01%	10.181%
6	7.292	879	885	888	rBV	2176503	1896919	62.74%	7.603%
7	8.010	1003	1007	1011	rBV	1287270	1030086	34.07%	4.129%
8	9.092	1186	1191	1194	rBV	3558755	2839975	93.93%	11.383%
9	9.486	1255	1258	1265	rBV	442578	340921	11.28%	1.366%
10	9.769	1302	1306	1309	rBV	1203280	917409	30.34%	3.677%
11	10.316	1396	1399	1405	rVB	92593	78207	2.59%	0.313%
12	10.557	1436	1440	1447	rBV	1627820	1339705	44.31%	5.370%
13	11.251	1555	1558	1561	rBV	913199	865373	28.62%	3.468%
14	11.274	1561	1562	1566	rVV	189751	139311	4.61%	0.558%
15	11.327	1566	1571	1575	rVB	51002	48757	1.61%	0.195%
16	11.786	1646	1649	1654	rBV	278587	257253	8.51%	1.031%
17	11.833	1654	1657	1660	rVV4	40771	50489	1.67%	0.202%
18	11.868	1660	1663	1665	rVV	54157	46156	1.53%	0.185%
19	12.463	1761	1764	1768	rBV	258762	241989	8.00%	0.970%
20	12.574	1779	1783	1789	rBV4	53320	86435	2.86%	0.346%
21	12.692	1797	1803	1806	rBV	234522	236156	7.81%	0.947%
22	12.845	1824	1829	1832	rBV	2554488	2276016	75.28%	9.122%
23	13.021	1857	1859	1863	rVB	43875	42868	1.42%	0.172%
24	13.092	1863	1871	1873	rBV3	43699	78900	2.61%	0.316%
25	13.751	1979	1983	1989	rBV2	315890	399190	13.20%	1.600%
26	13.892	2002	2007	2010	rBV2	784360	852184	28.19%	3.416%
27	13.921	2010	2012	2017	rVB	120710	104962	3.47%	0.421%
28	13.998	2023	2025	2028	rBV3	45345	37230	1.23%	0.149%
29	14.068	2035	2037	2042	rVB2	49608	50285	1.66%	0.202%
30	14.374	2086	2089	2093	rBV3	101732	132752	4.39%	0.532%
31	14.674	2137	2140	2142	rVB	71461	71084	2.35%	0.285%
32	14.909	2177	2180	2183	rBV	105881	143618	4.75%	0.576%
33	14.992	2192	2194	2197	rBV	72408	72209	2.39%	0.289%
34	15.204	2227	2230	2235	rVB	67728	73916	2.44%	0.296%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.262	2237	2240	2244	rVB	86284	99671	3.30%	0.399%
36	15.321	2246	2250	2253	rBV	485737	559087	18.49%	2.241%
37	15.768	2324	2326	2332	rVB2	62958	77813	2.57%	0.312%

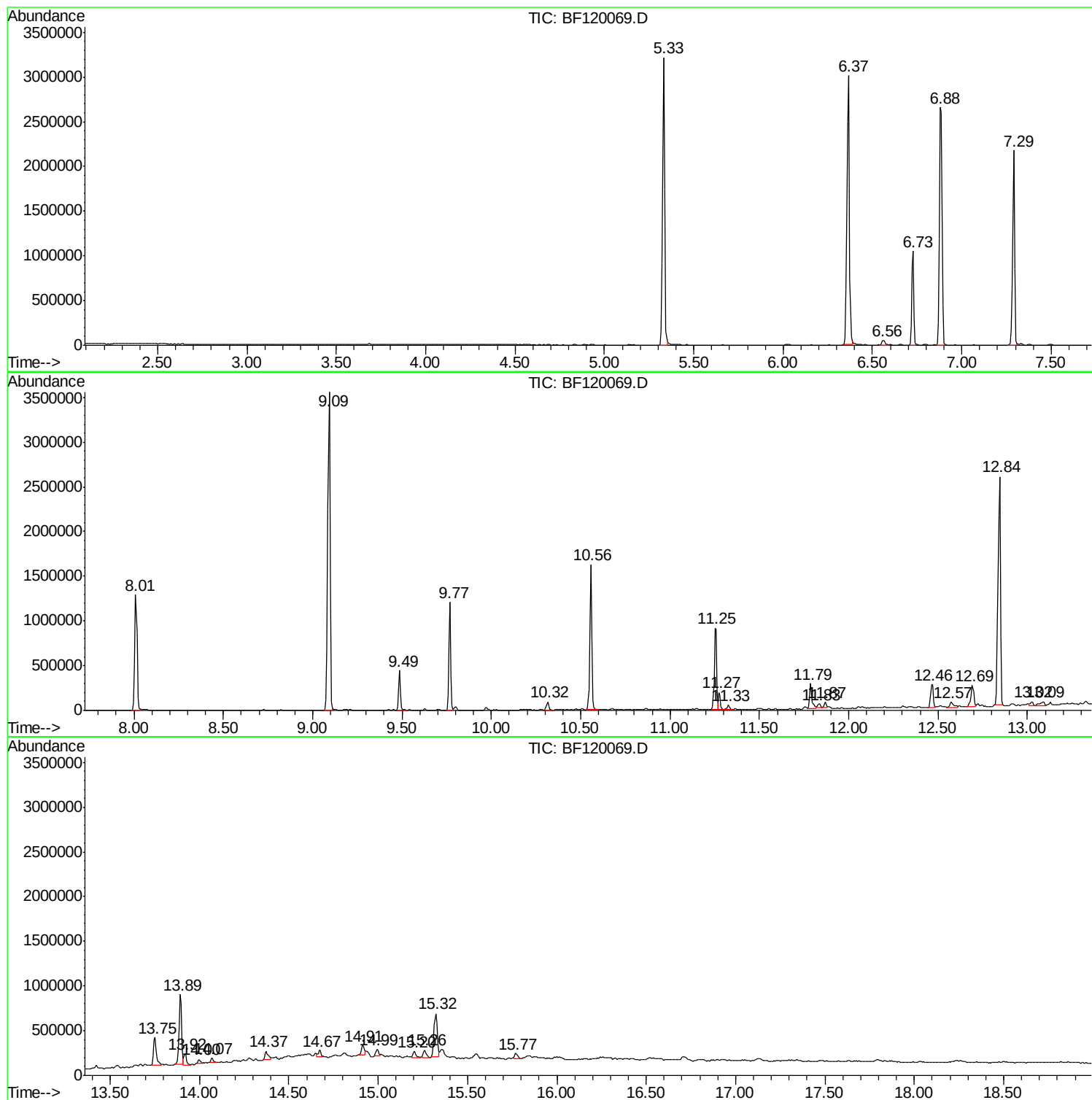
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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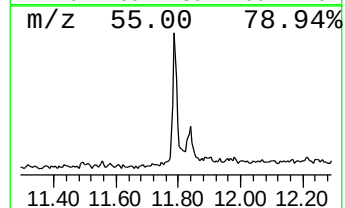
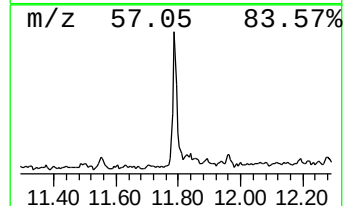
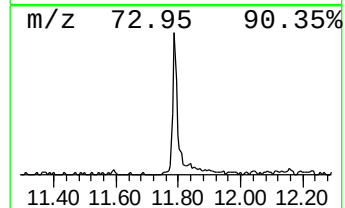
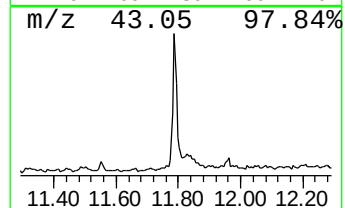
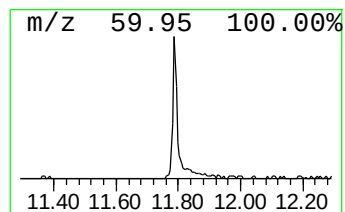
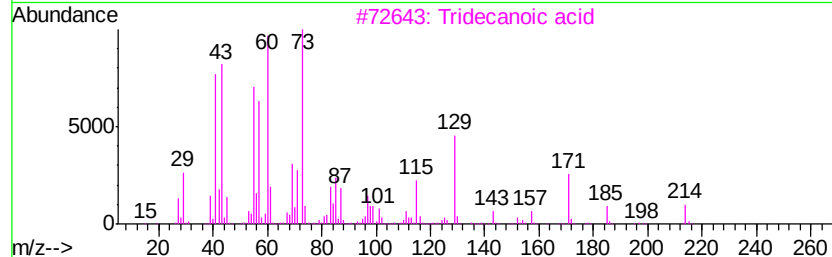
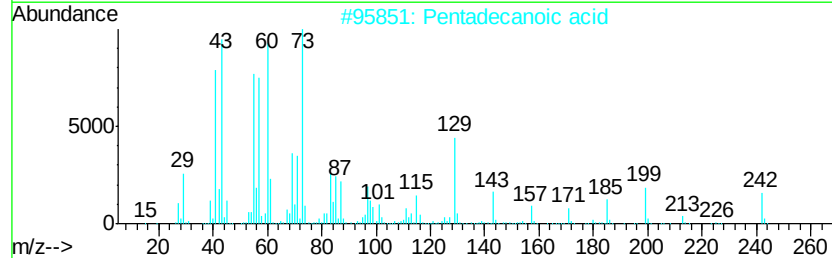
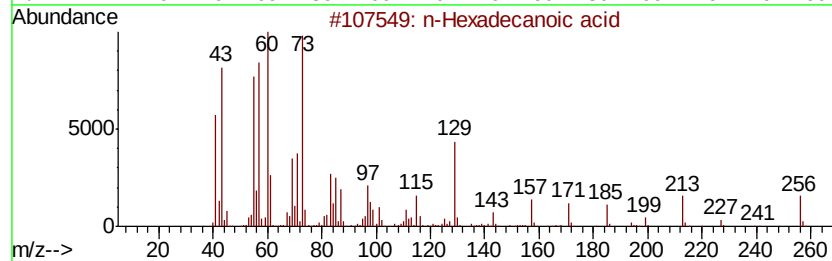
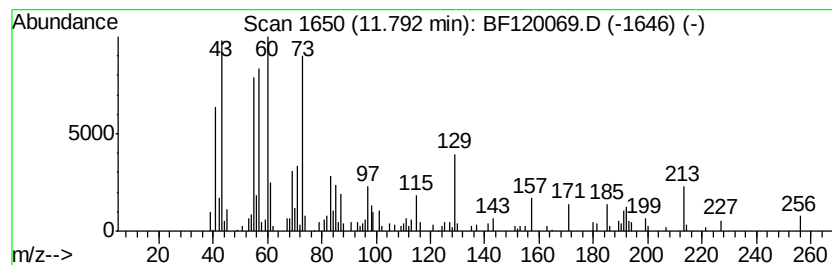
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	5.95 ng	257253	Phenanthrene-d10	11.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3		Tridecanoic acid	214	C13H26O2	000638-53-9	64
4		Nonanoic acid	158	C9H18O2	000112-05-0	38
5		Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	20



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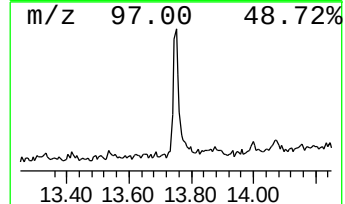
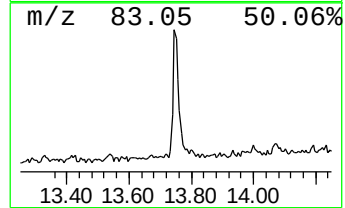
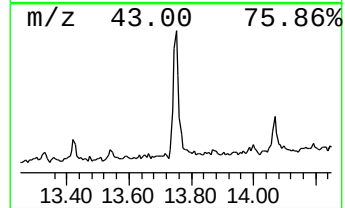
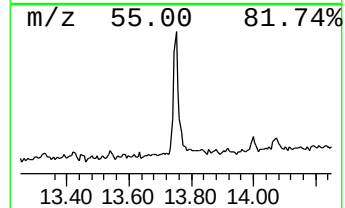
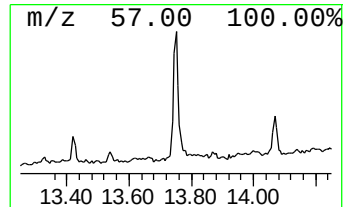
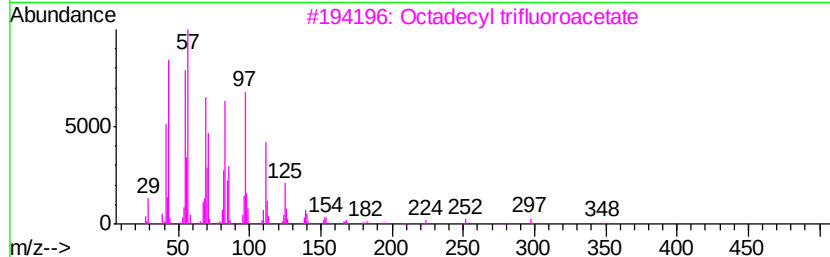
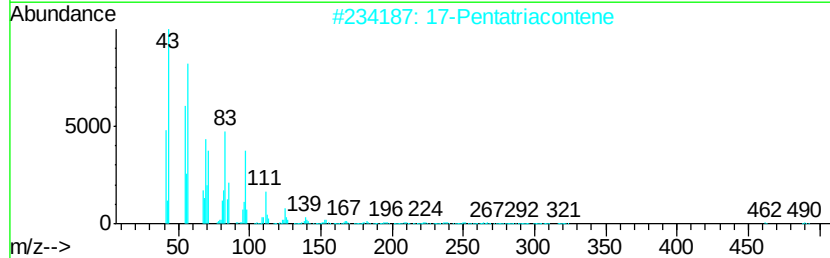
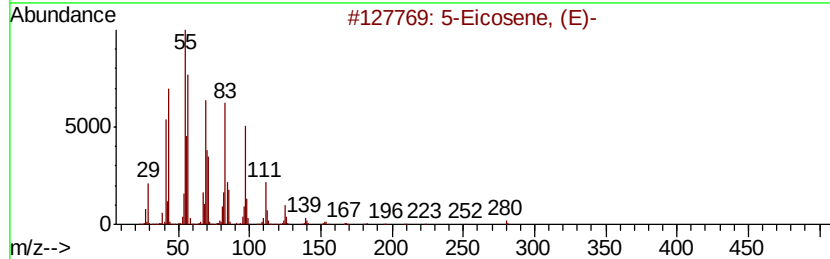
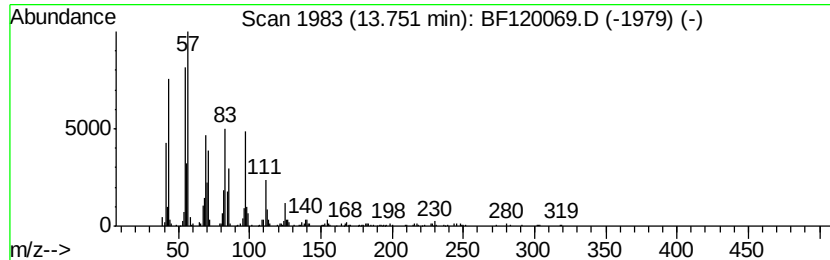
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.75	9.37 ng	399190	Chrysene-d12	13.89		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	95
2	17-Pentatriacontene		491	C35H70	006971-40-0	91
3	Octadecyl trifluoroacetate		366	C20H37F3O2	079392-43-1	91
4	Heptafluorobutyric acid, n-octad...		466	C22H37F7O2	000400-57-7	91
5	Heneicosyl heptafluorobutyrate		508	C25H43F7O2	1000351-83-8	91



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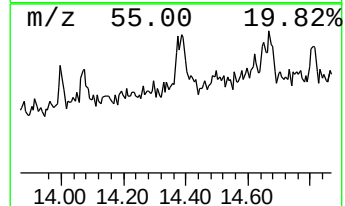
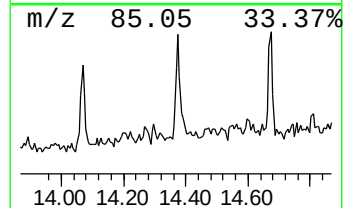
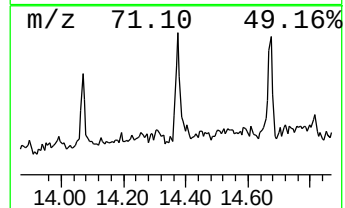
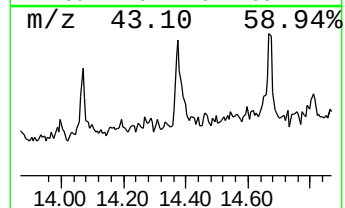
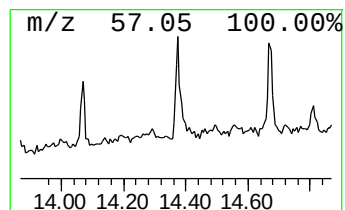
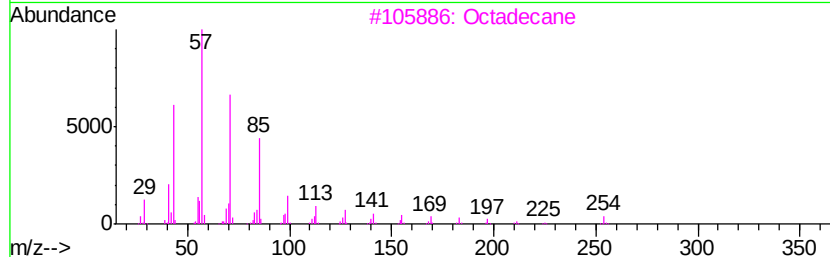
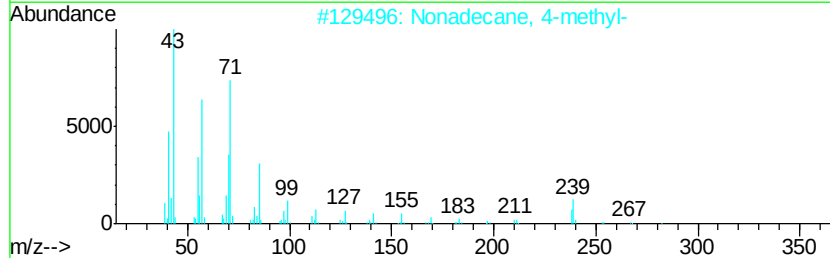
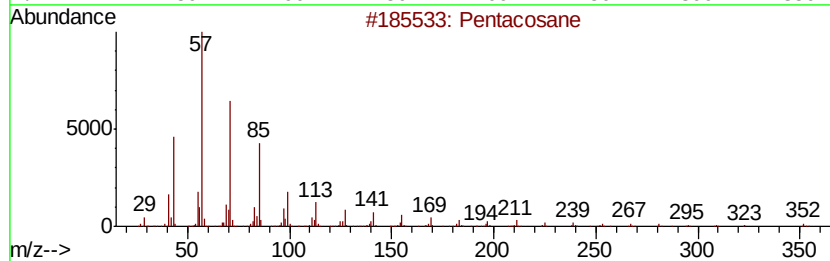
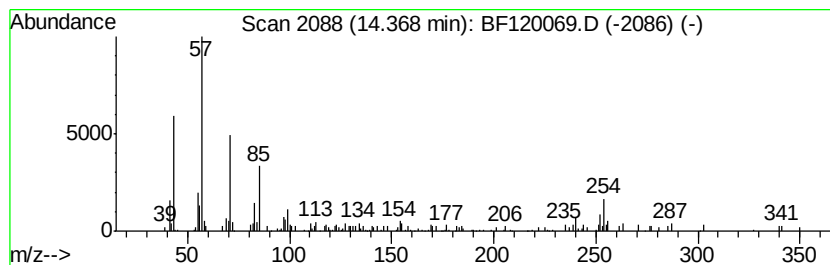
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.37	3.12 ng	132752	Chrysene-d12	13.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	78
2	Nonadecane, 4-methyl-	282	C20H42	025117-27-5	62
3	Octadecane	254	C18H38	000593-45-3	60
4	Octacosane	394	C28H58	000630-02-4	60
5	Tetracosane	338	C24H50	000646-31-1	53



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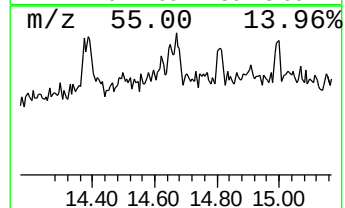
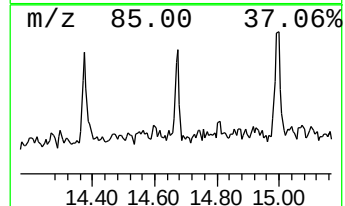
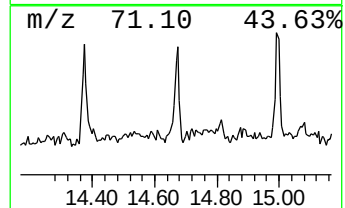
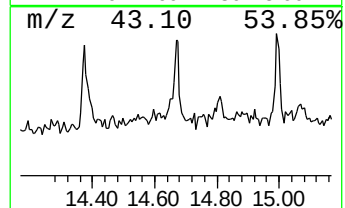
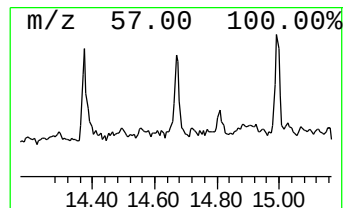
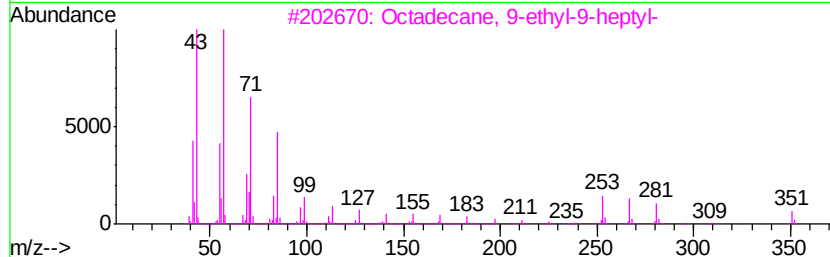
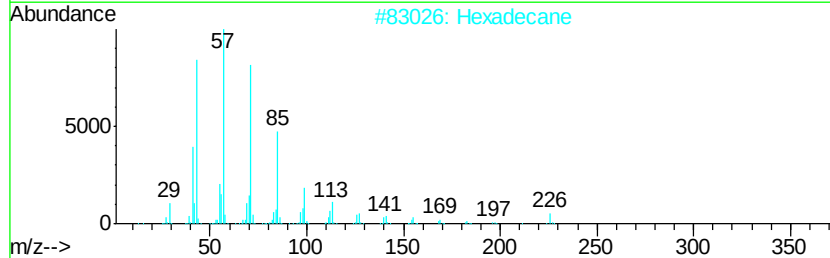
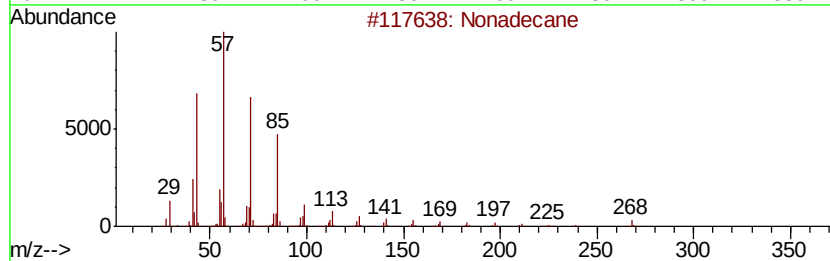
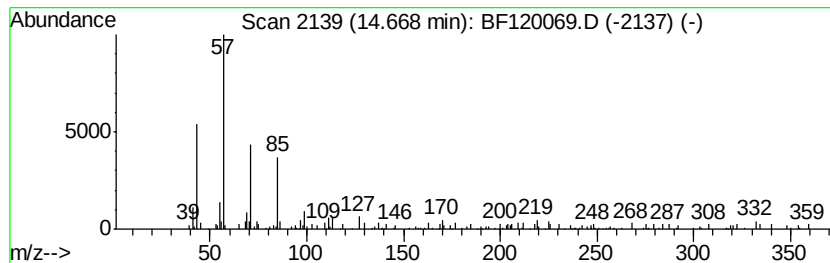
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.54 ng	71084	Perylene-d12	15.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	90
2		Hexadecane	226	C16H34	000544-76-3	62
3		Octadecane, 9-ethyl-9-heptyl-	380	C27H56	055282-27-4	59
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	59
5		Heptadecane	240	C17H36	000629-78-7	59



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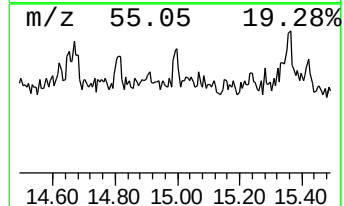
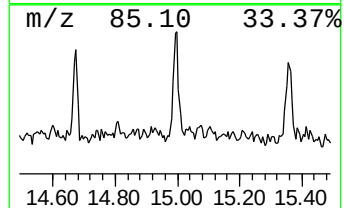
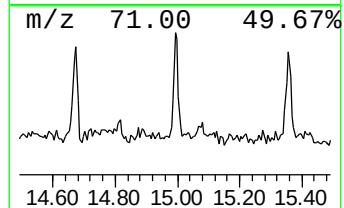
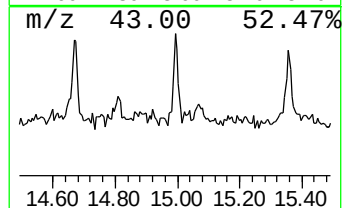
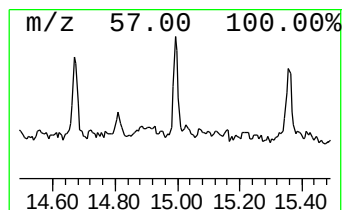
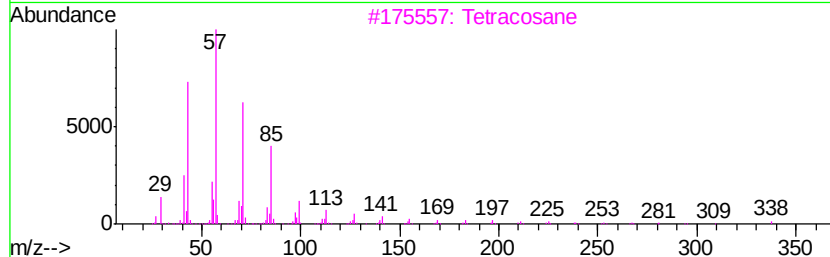
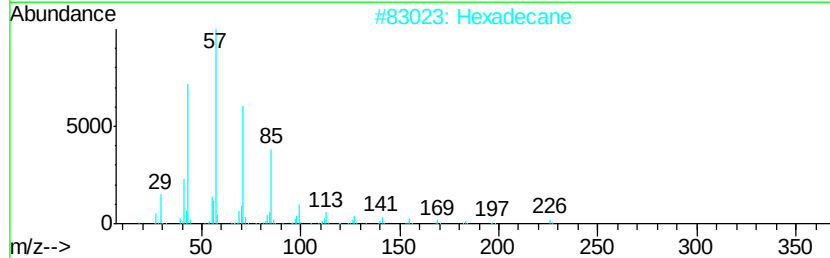
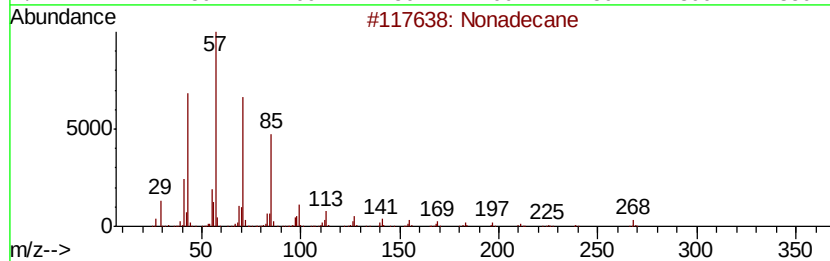
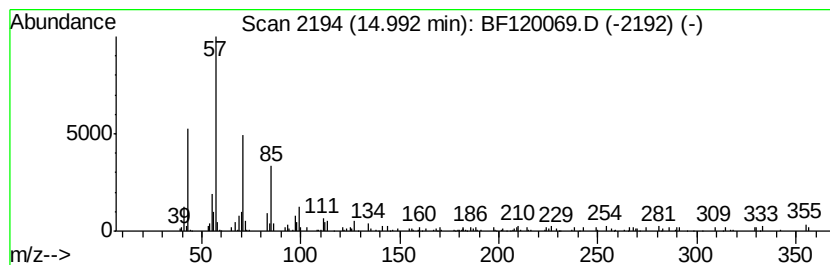
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.99	2.58 ng	72209	Perylene-d12		15.32		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	94
2			Hexadecane	226	C16H34	000544-76-3	81
3			Tetracosane	338	C24H50	000646-31-1	74
4			Octadecane	254	C18H38	000593-45-3	74
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72



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ClientSampled :
B-1

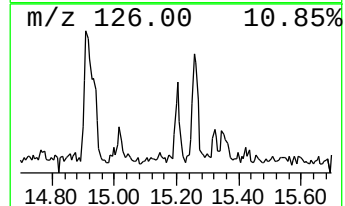
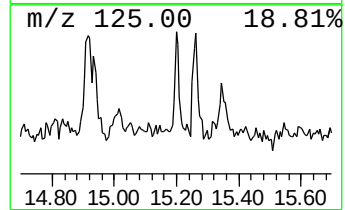
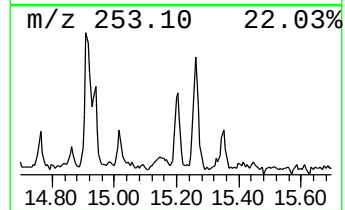
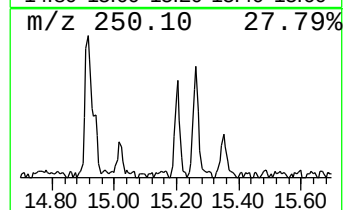
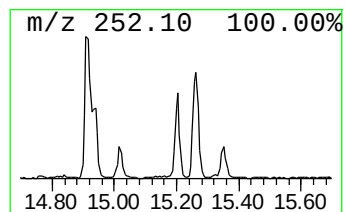
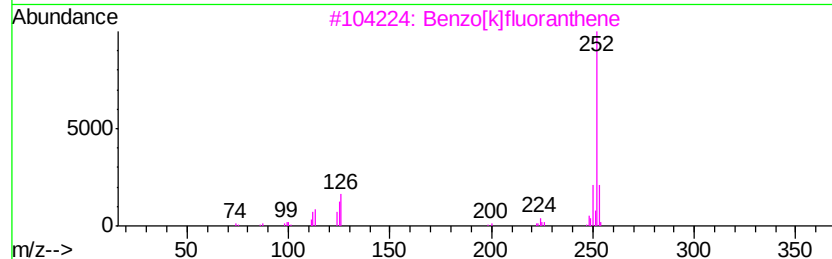
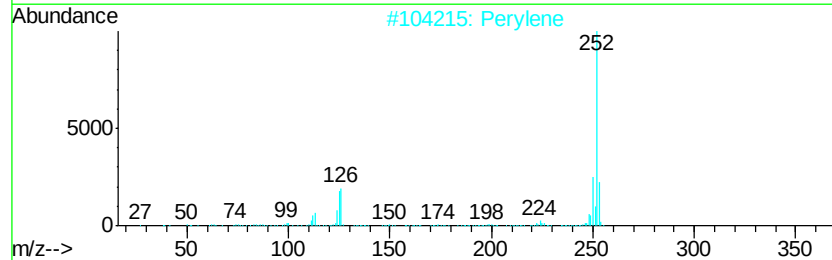
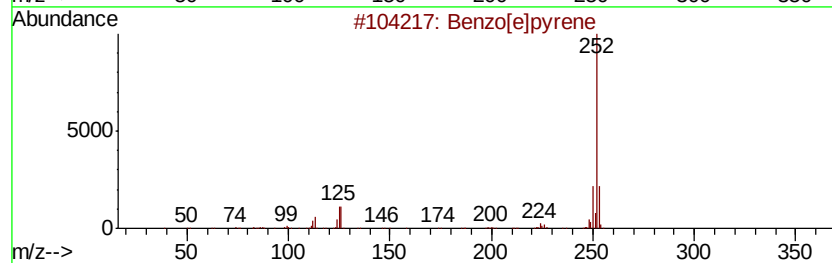
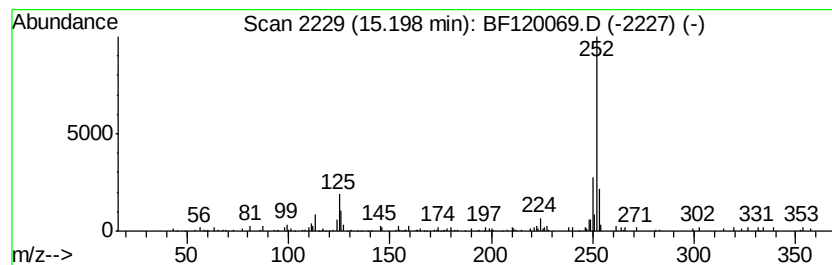
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	2.64 ng	73916	Perylene-d12	15.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Perylene	252	C20H12	000198-55-0	94
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
5		Benzo[a]pyrene	252	C20H12	000050-32-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120069.D
Acq On : 17 Apr 2020 19:48
Operator : MA/SJ
Sample : L2242-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1

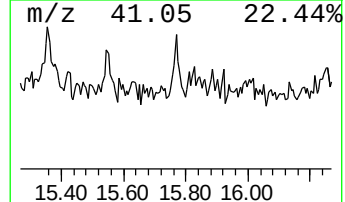
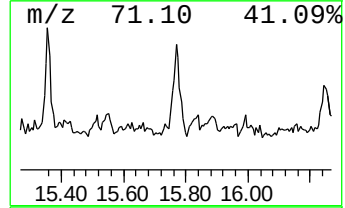
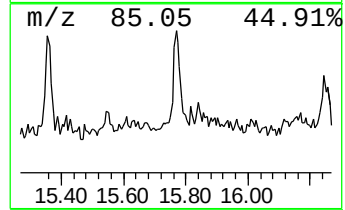
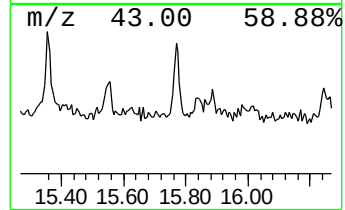
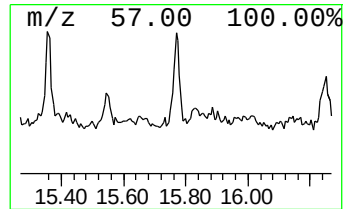
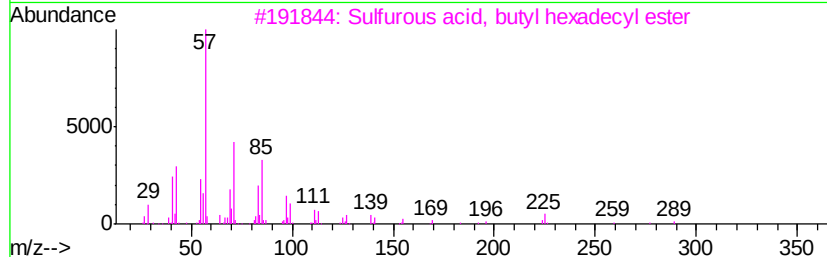
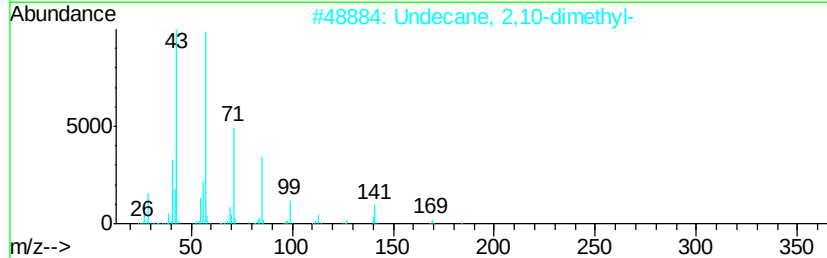
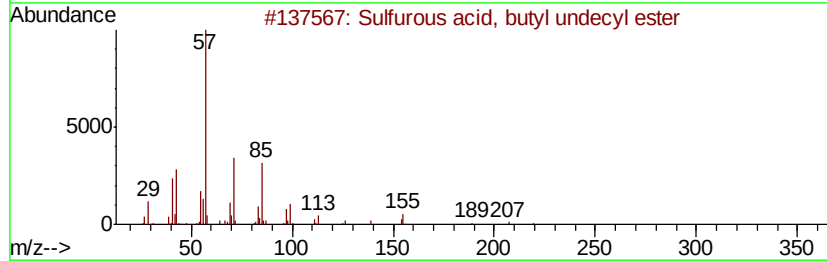
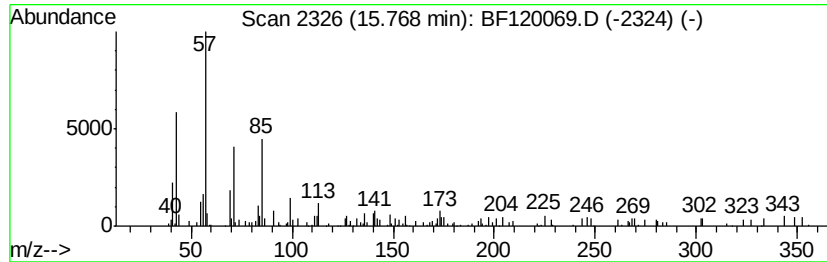
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Sulfurous acid, butyl undec... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	2.78 ng	77813	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	52
2		Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	50
3		Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	50
4		Decane, 1-bromo-2-methyl-	234	C11H23Br	127839-47-8	50
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041720\
Data File : BF120069.D
Acq On : 17 Apr 2020 19:48
Operator : MA/SJ
Sample : L2242-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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
n-Hexadecanoic acid	11.79	6.0	ng	257253	4	11.26	865373	20.0
5-Eicosene, (E)-	13.75	9.4	ng	399190	5	13.89	852184	20.0
Pentacosane	14.37	3.1	ng	132752	5	13.89	852184	20.0
Hexadecane	14.67	2.5	ng	71084	6	15.32	559087	20.0
Nonadecane	14.99	2.6	ng	72209	6	15.32	559087	20.0
Benzo[e]pyrene	15.20	2.6	ng	73916	6	15.32	559087	20.0
Sulfurous acid, b...	15.77	2.8	ng	77813	6	15.32	559087	20.0