LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
Data File : BF112933.D
Acq On : 7 Mar 2019 20:39
Operator : JU/SJ
Sample : K1760-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z2-12

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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	5.340	548	553	557	rBV	3603549	3810394	77.79%	7.815%
2	6.369	722	728	745	rBV	4043644	4324038	88.28%	8.868%
3	6.498	745	750	754	rBV	4133023	4231405	86.39%	8.678%
4	6.728	786	789	793	rBV	1453637	1217438	24.86%	2.497%
5	6.887	812	816	819	rBV	3956938	3344131	68.27%	6.858%
6	7.287	879	884	897	rBV	2534932	2797604	57.12%	5.738%
7	7.516	920	923	927	rVB	68463	53910	1.10%	0.111%
8	8.010	1003	1007	1030	rBV	1677407	1592738	32.52%	3.267%
9	9.086	1186	1190	1204	rBV	5034012	4898063	100.00%	10.045%
10	9.480	1253	1257	1263	rBV	328585	325876	6.65%	0.668%
11	9.757	1300	1304	1321	rBV	1755040	1801426	36.78%	3.695%
12	10.545	1433	1438	1449	rBV	3226418	3255473	66.46%	6.677%
13	10.675	1458	1460	1467	rVB3	31955	49826	1.02%	0.102%
14	10.910	1497	1500	1504	rVB	57704	52709	1.08%	0.108%
15	11.239	1552	1556	1563	rBV	1888272	1925124	39.30%	3.948%
16	11.292	1563	1565	1570	rVB2	49450	57972	1.18%	0.119%
17	11.710	1631	1636	1639	rBV	50945	71452	1.46%	0.147%
18	11.774	1643	1647	1656	rVV2	654163	749330	15.30%	1.537%
19	12.280	1730	1733	1737	rVB2	133511	122107	2.49%	0.250%
20	12.439	1757	1760	1763	rBV	131134	125782	2.57%	0.258%
21	12.557	1777	1780	1789	rBV	301324	387897	7.92%	0.796%
22	12.669	1794	1799	1804	rVB	121356	146761	3.00%	0.301%
23	12.816	1820	1824	1828	rBV	4322107	4460167	91.06%	9.147%
24	13.398	1921	1923	1927	rVB	57809	52837	1.08%	0.108%
25	13.727	1975	1979	1989	rVB	309589	367280	7.50%	0.753%
26	13.857	1996	2001	2012	rBV	1501688	1783893	36.42%	3.659%
27	14.045	2029	2033	2036	rVB	345927	315597	6.44%	0.647%
28	14.345	2081	2084	2089	rBV	612286	561244	11.46%	1.151%
29	14.639	2131	2134	2140	rVV	819809	784724	16.02%	1.609%
30	14.710	2143	2146	2150	rVB	139358	128360	2.62%	0.263%
31	14.868	2170	2173	2183	rVB	75680	167579	3.42%	0.344%
32	14.957	2184	2188	2192	rVV	843001	867346	17.71%	1.779%
33	15.262	2235	2240	2244	rBV	1142398	1493152	30.48%	3.062%
34	15.310	2244	2248	2256	rVB	706548	927165	18.93%	1.902%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
Data File : BF112933.D
Acq On : 7 Mar 2019 20:39
Operator : JU/SJ
Sample : K1760-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z2-12

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.715	2312	2317	2323	rBV	521431	779198	15.91%	1.598%
36	16.180	2392	2396	2406	rVB	288872	525893	10.74%	1.079%
37	16.733	2485	2490	2496	rVB	110772	203620	4.16%	0.418%

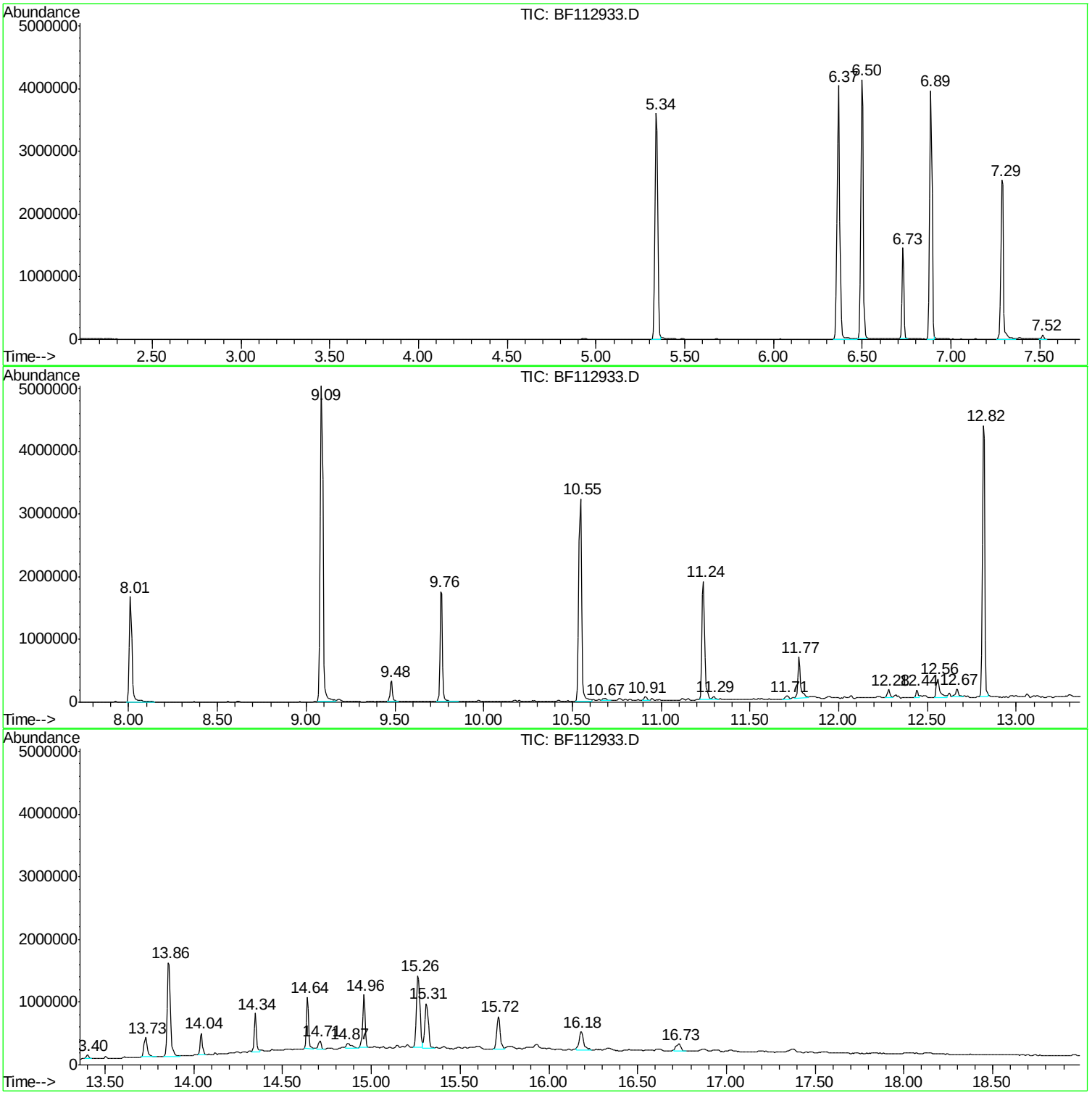
Sum of corrected areas: 48759511

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
Data File : BF112933.D
Acq On : 7 Mar 2019 20:39
Operator : JU/SJ
Sample : K1760-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z2-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
Data File : BF112933.D
Acq On : 7 Mar 2019 20:39
Operator : JU/SJ
Sample : K1760-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z2-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

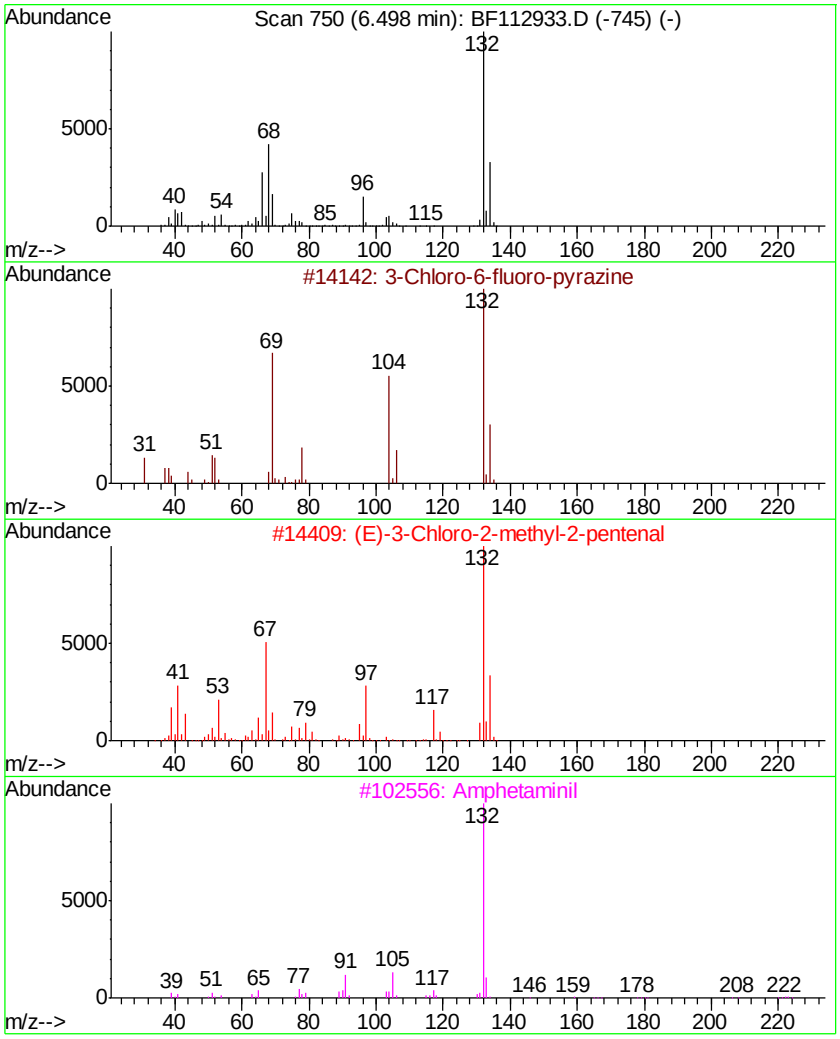
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

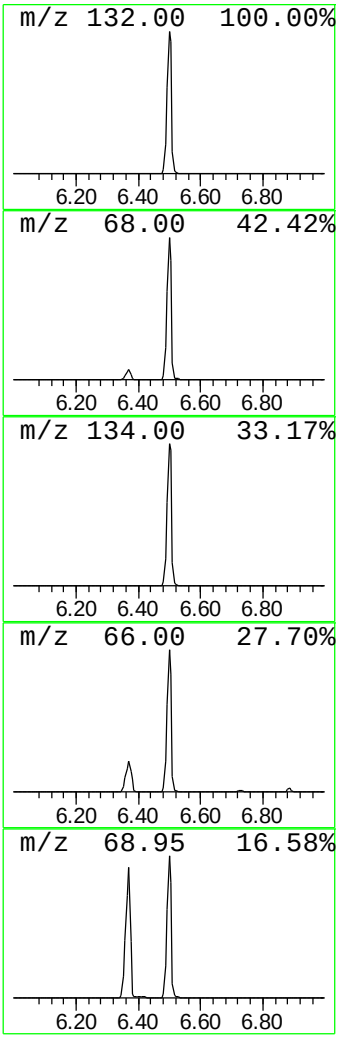
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	69.51 ng	4231410	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
Data File : BF112933.D
Acq On : 7 Mar 2019 20:39
Operator : JU/SJ
Sample : K1760-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z2-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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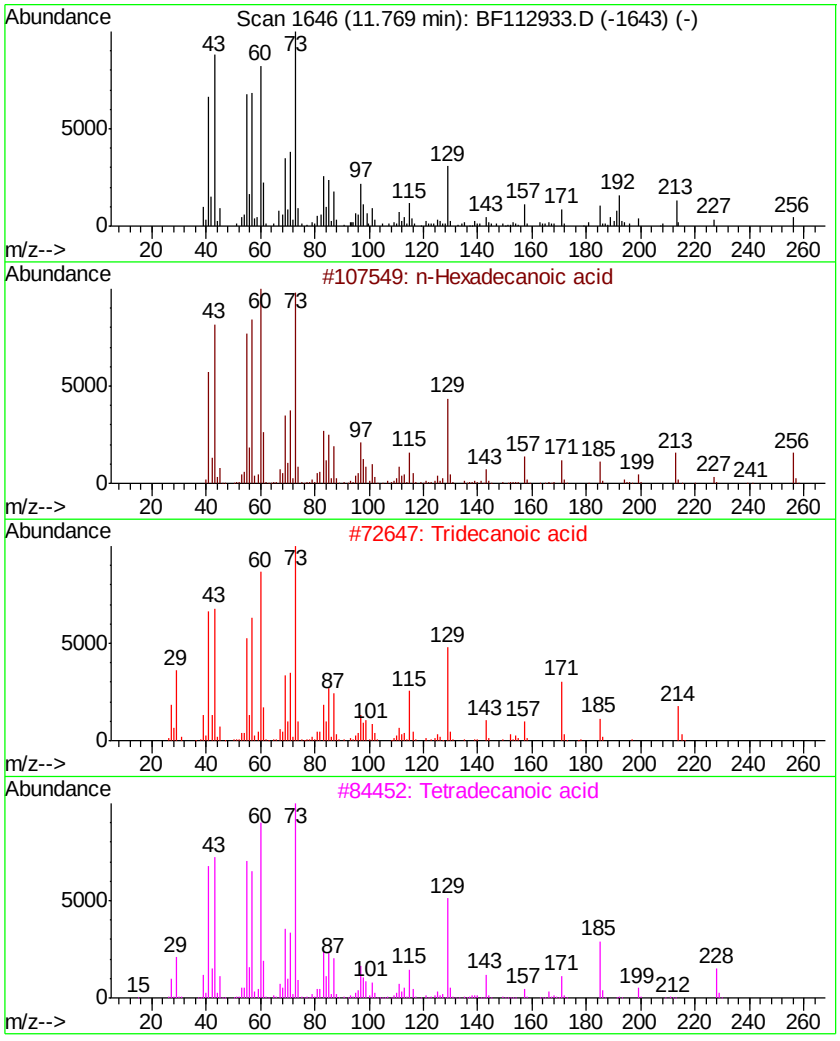
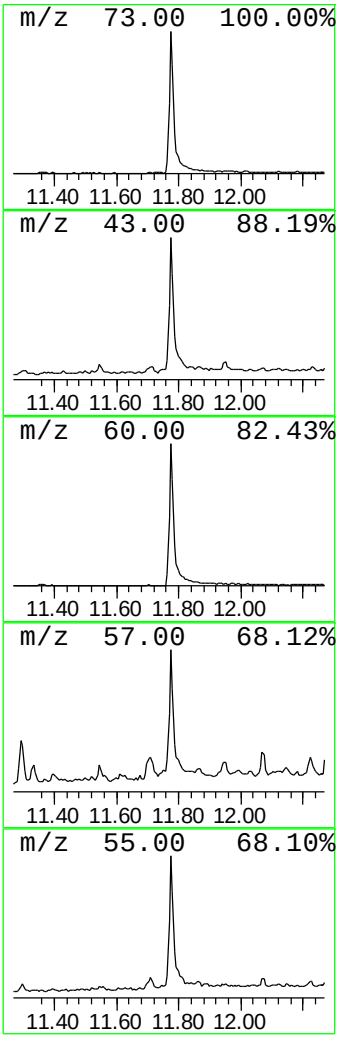
Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	7.78 ng	749330	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	Nonanoic acid	158	C9H18O2	000112-05-0	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
Data File : BF112933.D
Acq On : 7 Mar 2019 20:39
Operator : JU/SJ
Sample : K1760-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z2-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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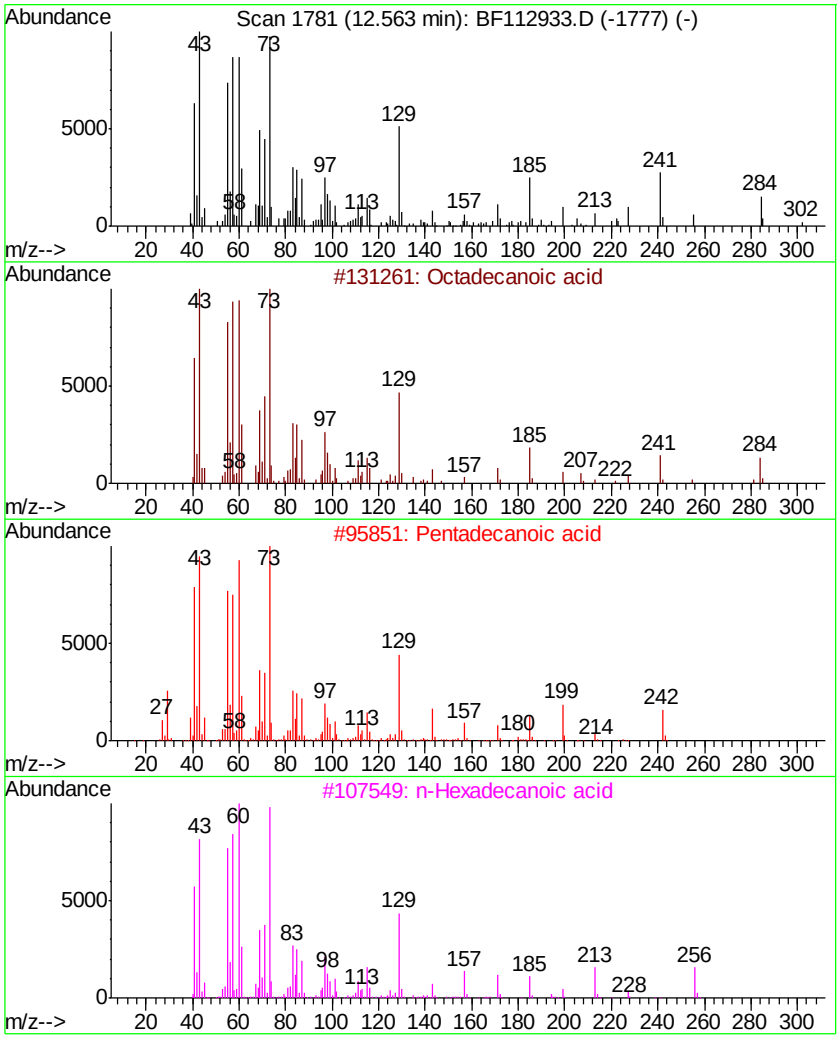
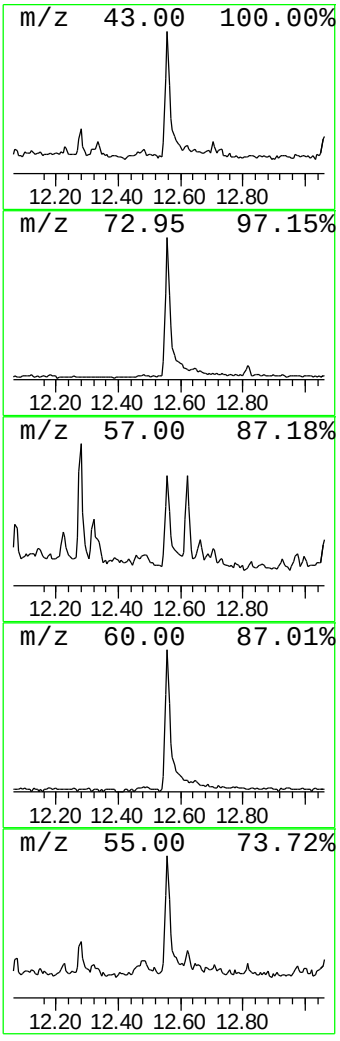
Peak Number 4 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	4.35 ng	387897	Chrysene-d12	13.86

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
Data File : BF112933.D
Acq On : 7 Mar 2019 20:39
Operator : JU/SJ
Sample : K1760-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z2-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

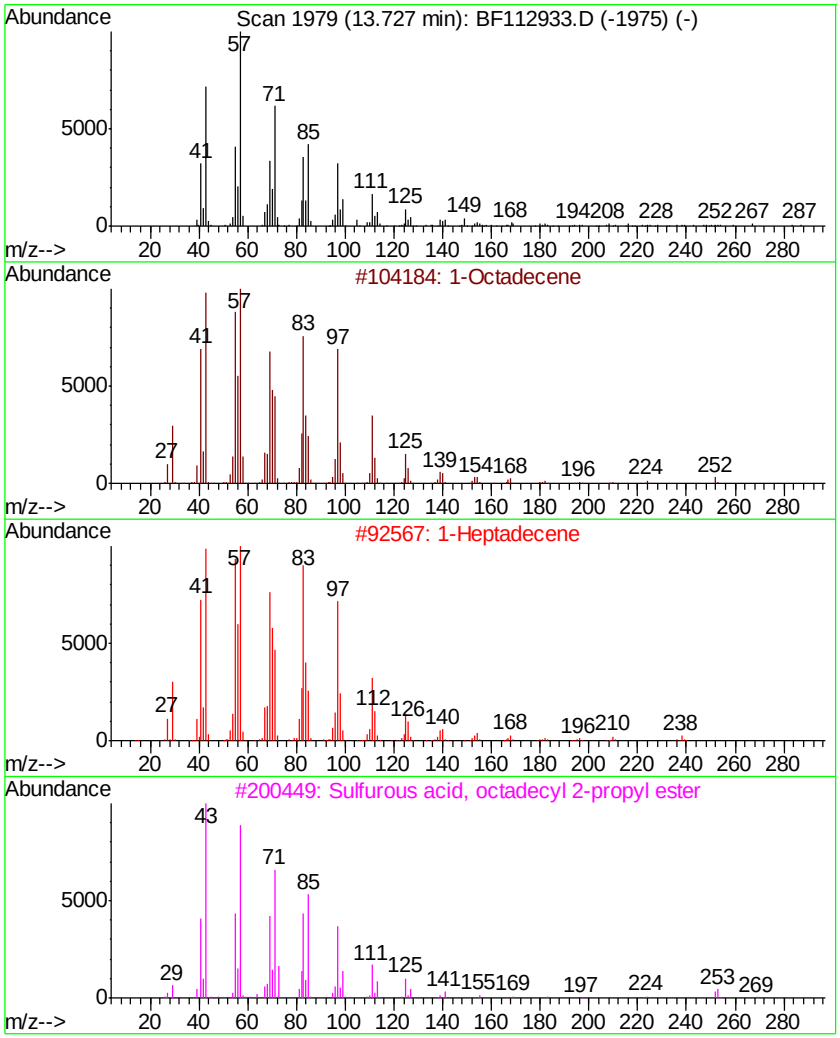
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

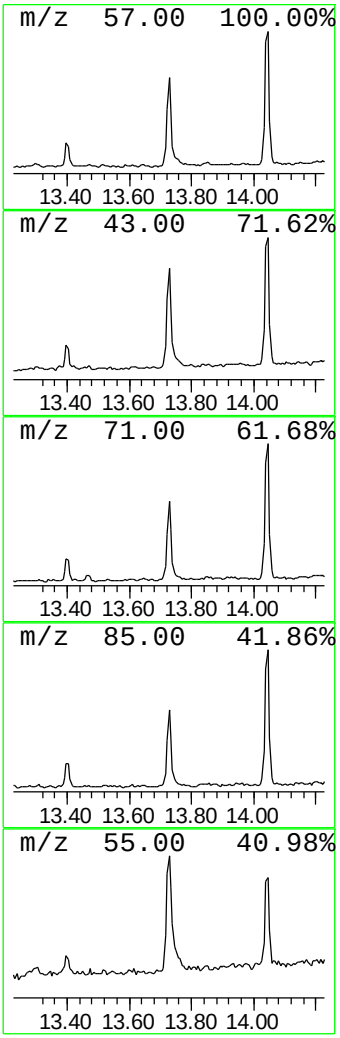
****

Peak Number 5 1-Octadecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	4.12 ng	367280	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	1-Heptadecene	238	C17H34	006765-39-5	89
3	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
4	Undecane	156	C11H24	001120-21-4	76
5	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
Data File : BF112933.D
Acq On : 7 Mar 2019 20:39
Operator : JU/SJ
Sample : K1760-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z2-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

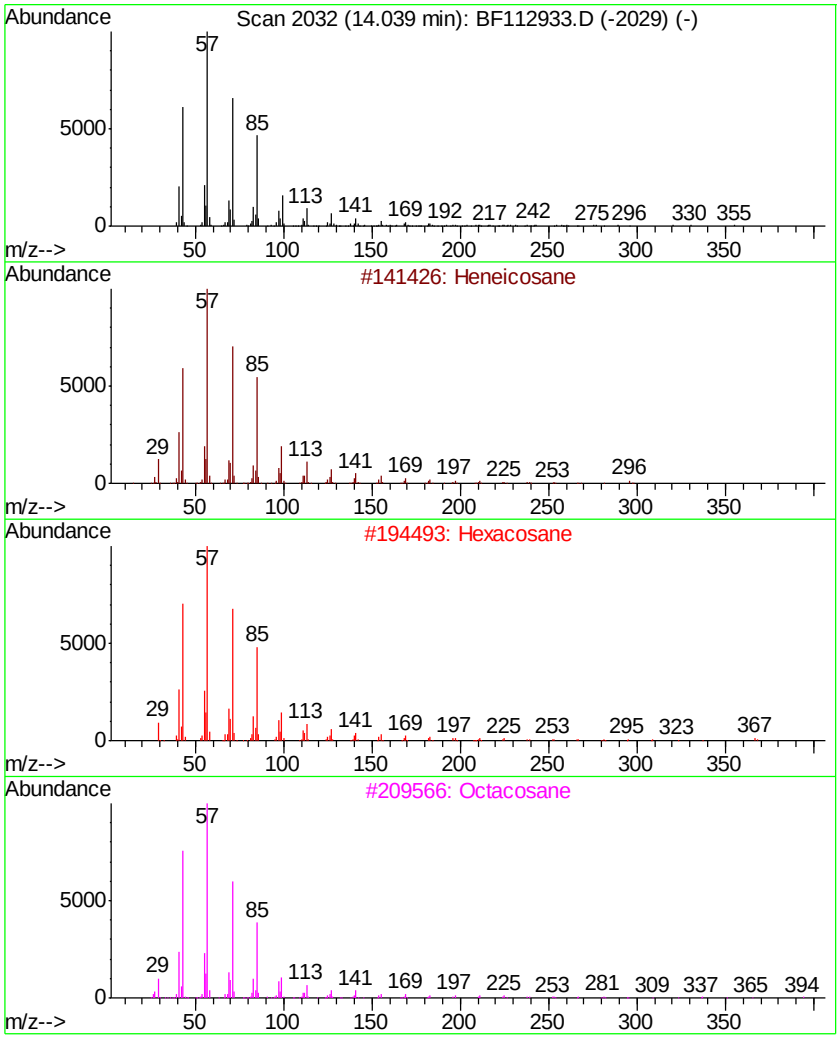
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

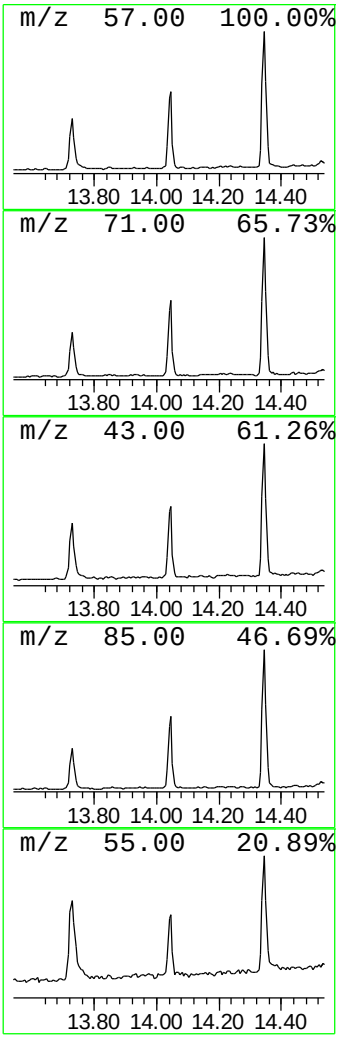
****

Peak Number 6 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	3.54 ng	315597	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Library Search Compound Report

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Data File : BF112933.D
Acq On : 7 Mar 2019 20:39
Operator : JU/SJ
Sample : K1760-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z2-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

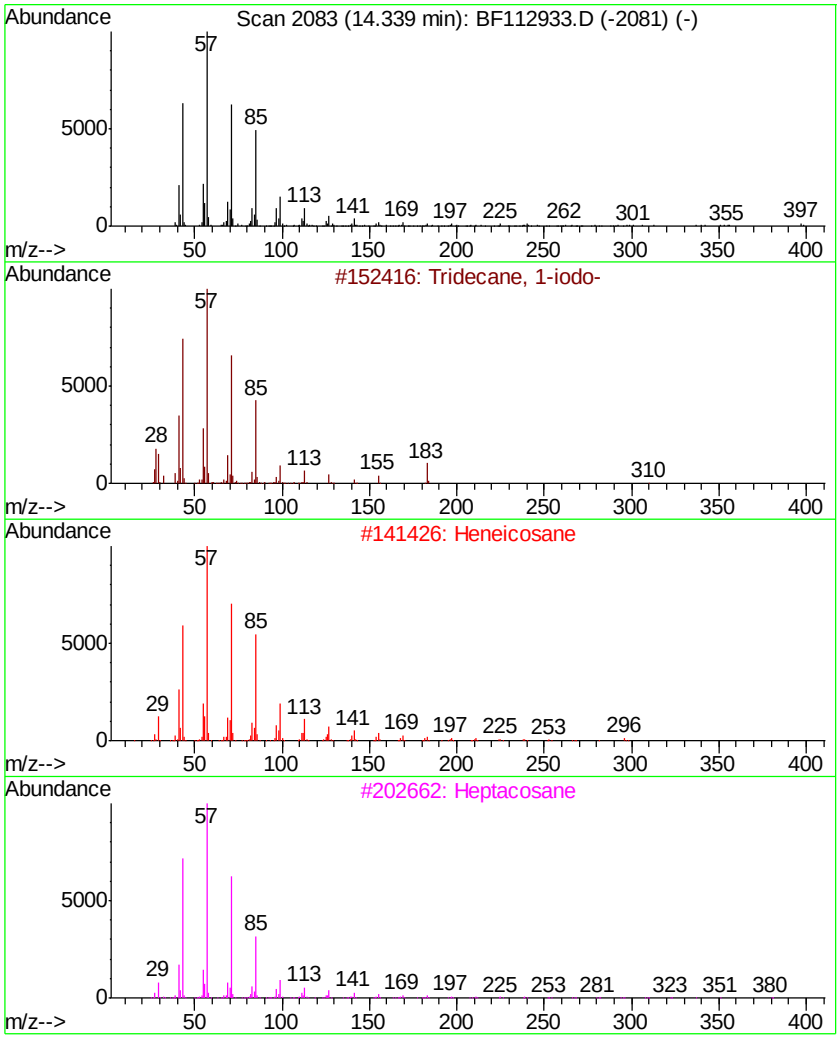
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

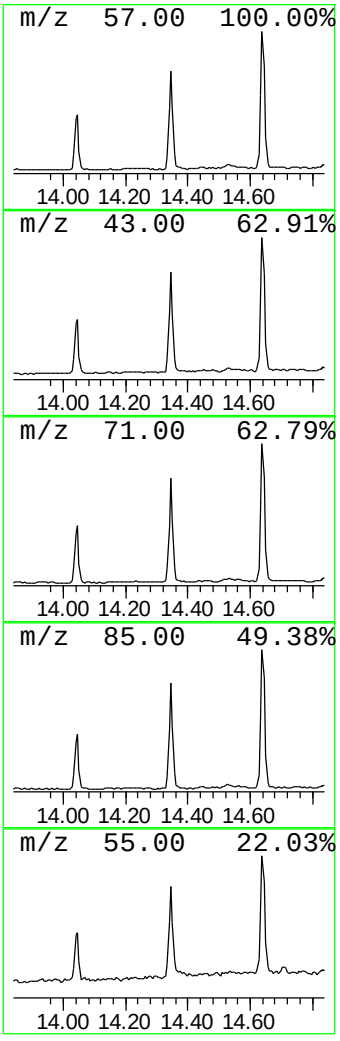
****

Peak Number 7 Tridecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	6.29 ng	561244	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
Data File : BF112933.D
Acq On : 7 Mar 2019 20:39
Operator : JU/SJ
Sample : K1760-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z2-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

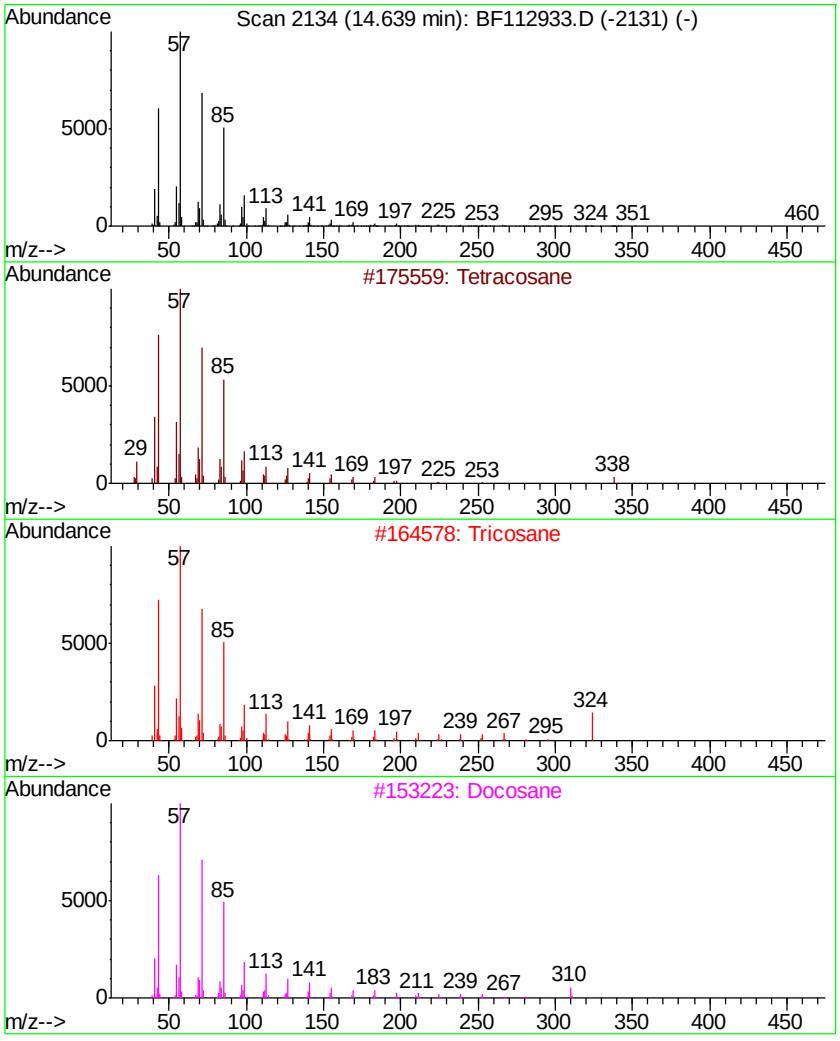
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

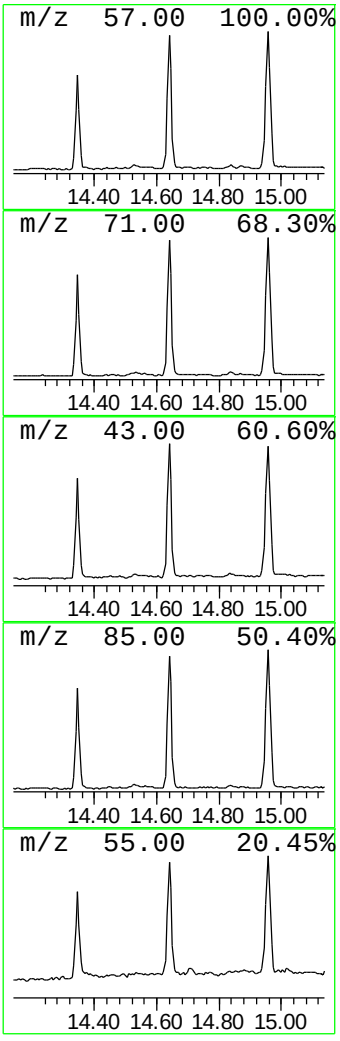
****

Peak Number 8 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	10.51 ng	784724	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Tricosane	324	C23H48	000638-67-5	95
3	Docosane	310	C22H46	000629-97-0	94
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
5	Heneicosane	296	C21H44	000629-94-7	91





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Data File : BF112933.D
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Sample : K1760-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z2-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

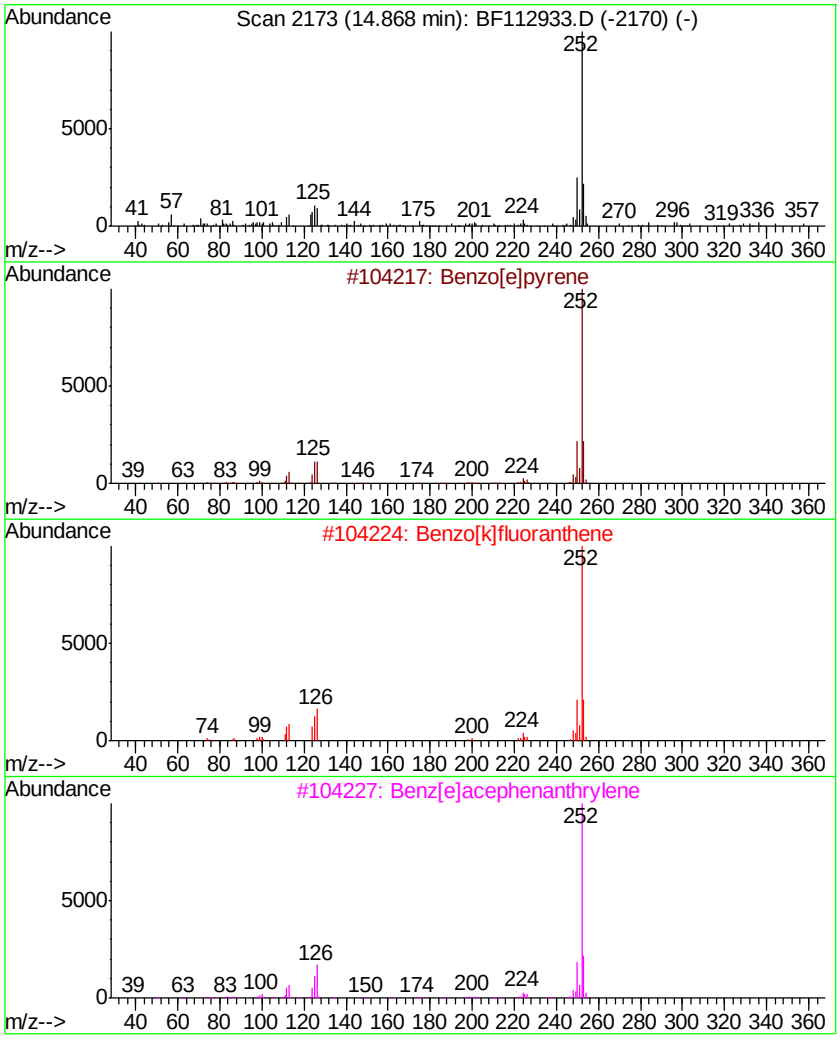
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

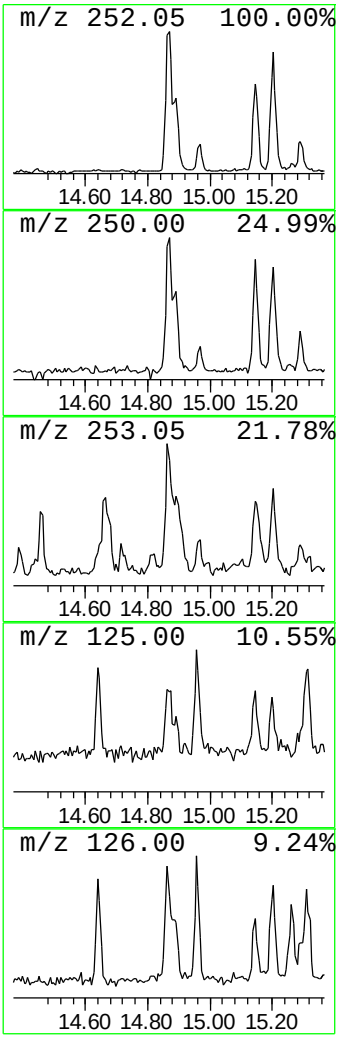
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.24 ng	167579	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	87
5	Perylene	252	C20H12	000198-55-0	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030719\
Data File : BF112933.D
Acq On : 7 Mar 2019 20:39
Operator : JU/SJ
Sample : K1760-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z2-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.50	6.50	69.5	ng	4231410	1	6.73	1217440	20.0
n-Hexadecanoic acid	11.77	7.8	ng	749330	4	11.24	1925120	20.0
Octadecanoic acid	12.56	4.3	ng	387897	5	13.86	1783890	20.0
1-Octadecene	13.73	4.1	ng	367280	5	13.86	1783890	20.0
Heneicosane	14.04	3.5	ng	315597	5	13.86	1783890	20.0
Tridecane, 1-iodo-	14.34	6.3	ng	561244	5	13.86	1783890	20.0
Tetracosane	14.64	10.5	ng	784724	6	15.26	1493150	20.0
Benzo[e]pyrene	14.87	2.2	ng	167579	6	15.26	1493150	20.0