LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107943.D
Acq On : 3 Aug 2018 17:45
Operator : JU/SJ
Sample : J4298-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-3

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-BF073018.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	5.184	480	484	502	rBV	281025	509409	13.68%	1.462%
2	5.595	551	554	581	rBV	978809	2448687	65.76%	7.029%
3	6.595	721	724	743	rBV	1158705	2673381	71.80%	7.674%
4	6.725	743	746	782	rVB	1918878	3444649	92.51%	9.888%
5	6.960	782	786	800	rBV	241989	607796	16.32%	1.745%
6	7.101	807	810	834	rBV	1610141	2377702	63.85%	6.825%
7	7.519	878	881	904	rBV	755713	1824865	49.01%	5.238%
8	8.236	999	1003	1037	rBV	461492	1025539	27.54%	2.944%
9	9.301	1181	1184	1213	rBV	2513987	3723605	100.00%	10.689%
10	9.701	1248	1252	1262	rBV	250954	328383	8.82%	0.943%
11	9.989	1297	1301	1305	rBV	903461	955881	25.67%	2.744%
12	10.554	1390	1397	1401	rBV3	25434	46963	1.26%	0.135%
13	10.789	1433	1437	1449	rBV	1197381	1882496	50.56%	5.404%
14	11.330	1522	1529	1536	rBV4	60100	105411	2.83%	0.303%
15	11.389	1536	1539	1546	rVB2	30222	45464	1.22%	0.131%
16	11.489	1552	1556	1558	rBV	686315	778198	20.90%	2.234%
17	11.513	1558	1560	1567	rVV	593422	858688	23.06%	2.465%
18	11.571	1567	1570	1579	rVB	84848	181711	4.88%	0.522%
19	11.995	1638	1642	1644	rBV	106975	137586	3.69%	0.395%
20	12.024	1644	1647	1653	rVV2	94835	149061	4.00%	0.428%
21	12.107	1657	1661	1668	rVV2	86015	165192	4.44%	0.474%
22	12.289	1688	1692	1696	rBV2	33275	50081	1.34%	0.144%
23	12.542	1731	1735	1738	rBV2	63854	76466	2.05%	0.219%
24	12.636	1749	1751	1759	rVB3	34127	46411	1.25%	0.133%
25	12.707	1759	1763	1773	rBV	867197	1109201	29.79%	3.184%
26	12.860	1787	1789	1796	rVB3	26115	45236	1.21%	0.130%
27	12.936	1796	1802	1809	rBV	754369	1097918	29.49%	3.152%
28	13.071	1821	1825	1835	rBV	2291765	2725355	73.19%	7.823%
29	13.248	1851	1855	1856	rBV2	39411	48335	1.30%	0.139%
30	13.271	1856	1859	1864	rVV	83300	103322	2.77%	0.297%
31	13.336	1867	1870	1872	rVV	40073	46854	1.26%	0.134%
32	13.371	1873	1876	1884	rVB3	56999	110948	2.98%	0.318%
33	13.465	1889	1892	1895	rBV	39040	47922	1.29%	0.138%
34	13.501	1895	1898	1902	rBV2	31733	37921	1.02%	0.109%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107943.D
Acq On : 3 Aug 2018 17:45
Operator : JU/SJ
Sample : J4298-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-3

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-BF073018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.895	1962	1965	1967	rBV	62972	82166	2.21%	0.236%
36	13.948	1971	1974	1980	rVV3	125952	220052	5.91%	0.632%
37	14.083	1995	1997	2000	rVB	45579	37807	1.02%	0.109%
38	14.142	2002	2007	2010	rBV2	777394	1257833	33.78%	3.611%
39	14.248	2023	2025	2030	rBV3	53382	72824	1.96%	0.209%
40	14.565	2077	2079	2082	rBV3	46364	38477	1.03%	0.110%
41	15.224	2186	2191	2203	rBV	370632	1023362	27.48%	2.938%
42	15.542	2241	2245	2252	rBV	188274	324337	8.71%	0.931%
43	15.612	2253	2257	2264	rVV	252369	561047	15.07%	1.610%
44	15.677	2264	2268	2280	rVB2	410202	886595	23.81%	2.545%
45	17.253	2530	2536	2550	rBV3	129838	387210	10.40%	1.111%
46	17.730	2615	2617	2626	rVB2	61027	128833	3.46%	0.370%

Sum of corrected areas: 34837180

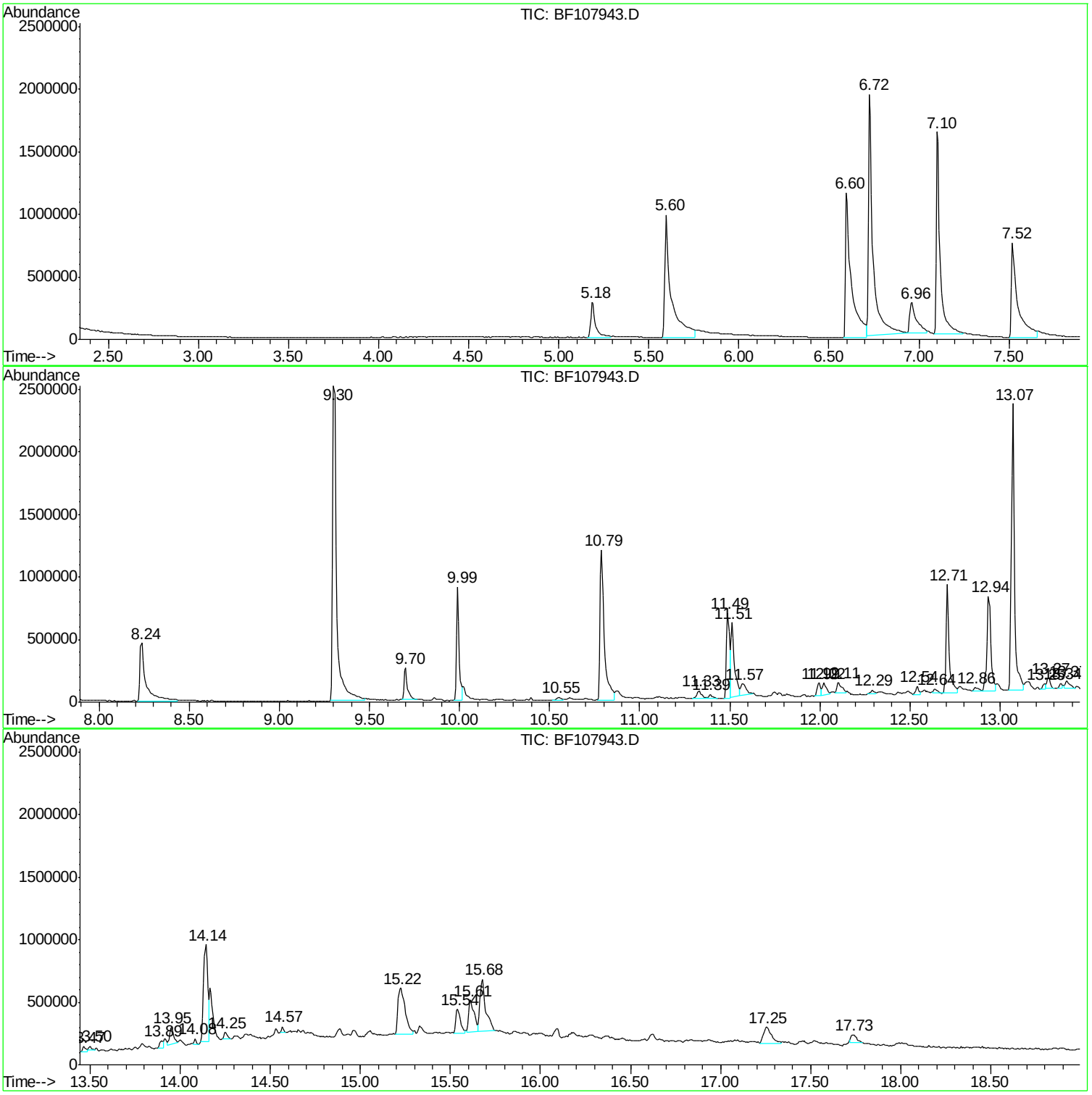
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107943.D
Acq On : 3 Aug 2018 17:45
Operator : JU/SJ
Sample : J4298-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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\BF080318\
Data File : BF107943.D
Acq On : 3 Aug 2018 17:45
Operator : JU/SJ
Sample : J4298-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

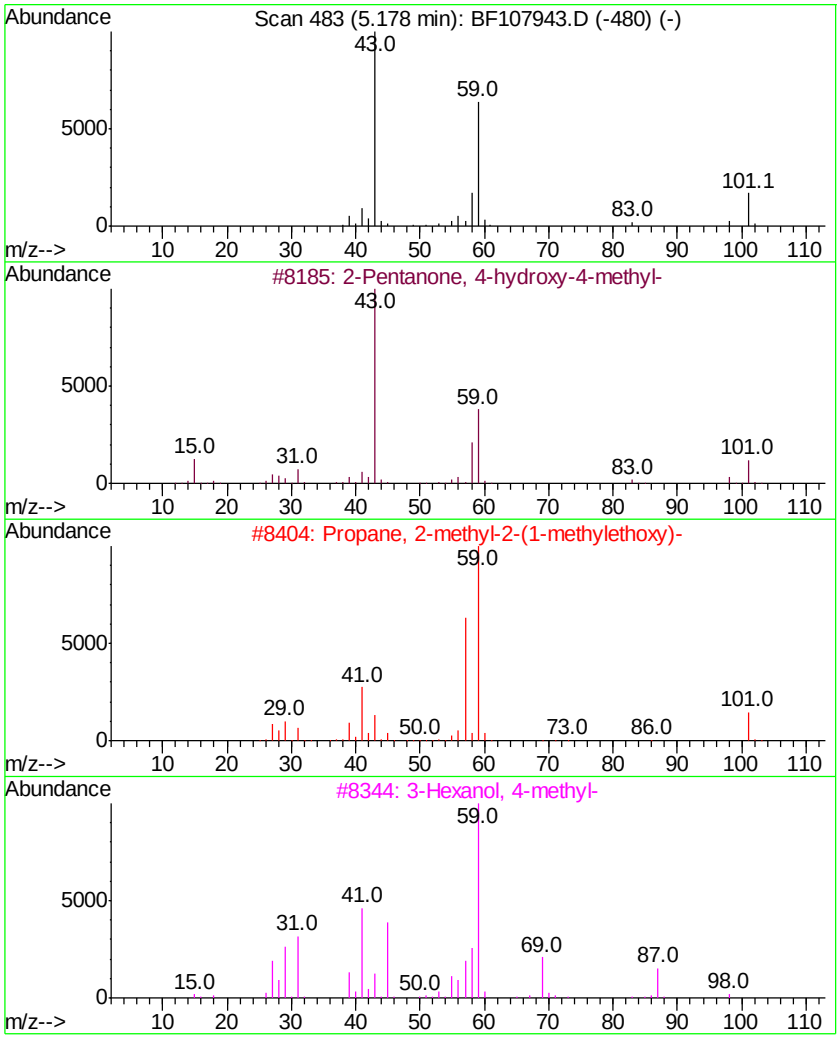
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

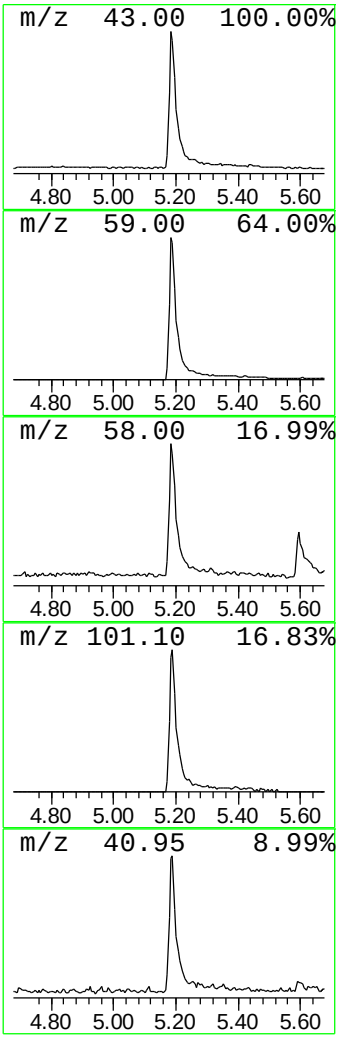
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	16.76 ng	509409	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	3-Octanol	130	C8H18O	000589-98-0	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107943.D
Acq On : 3 Aug 2018 17:45
Operator : JU/SJ
Sample : J4298-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

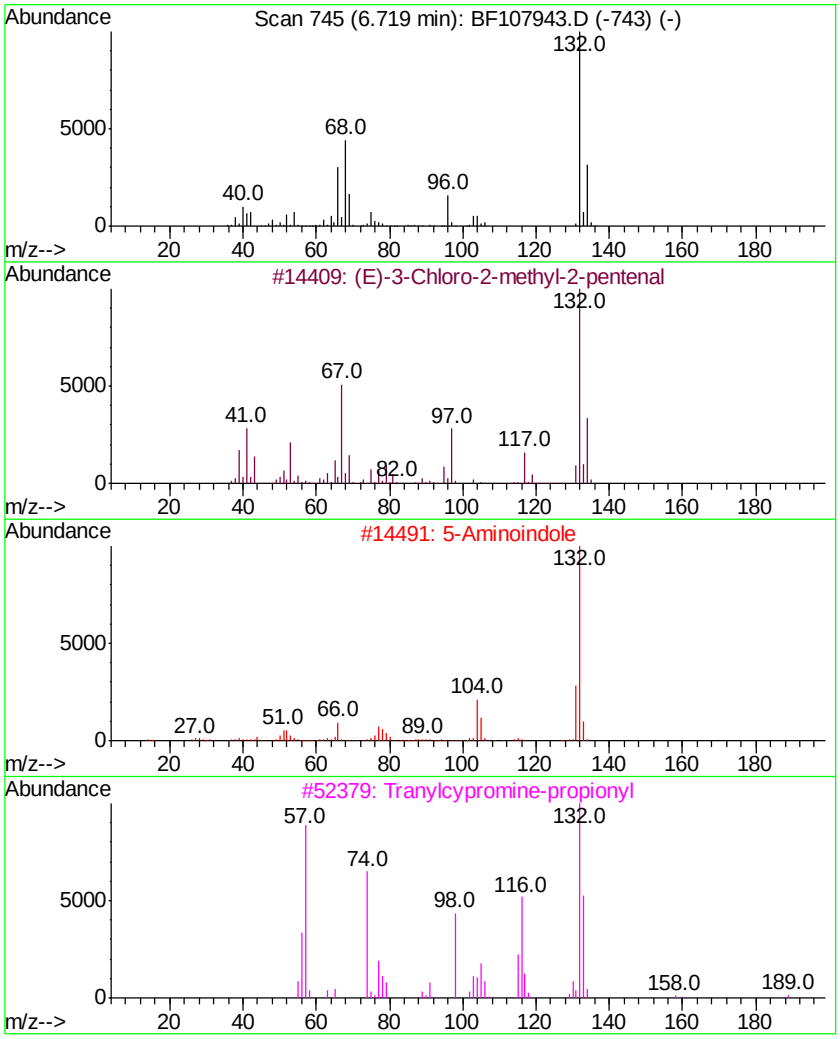
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

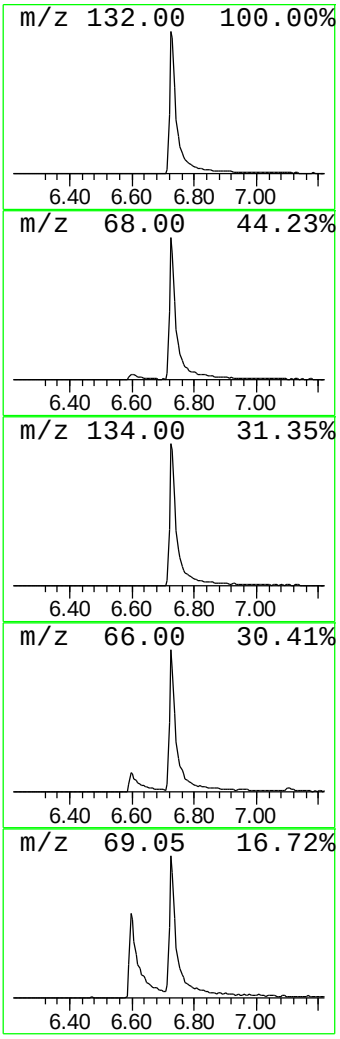
****

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	113.35 ng	3444650	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107943.D
Acq On : 3 Aug 2018 17:45
Operator : JU/SJ
Sample : J4298-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

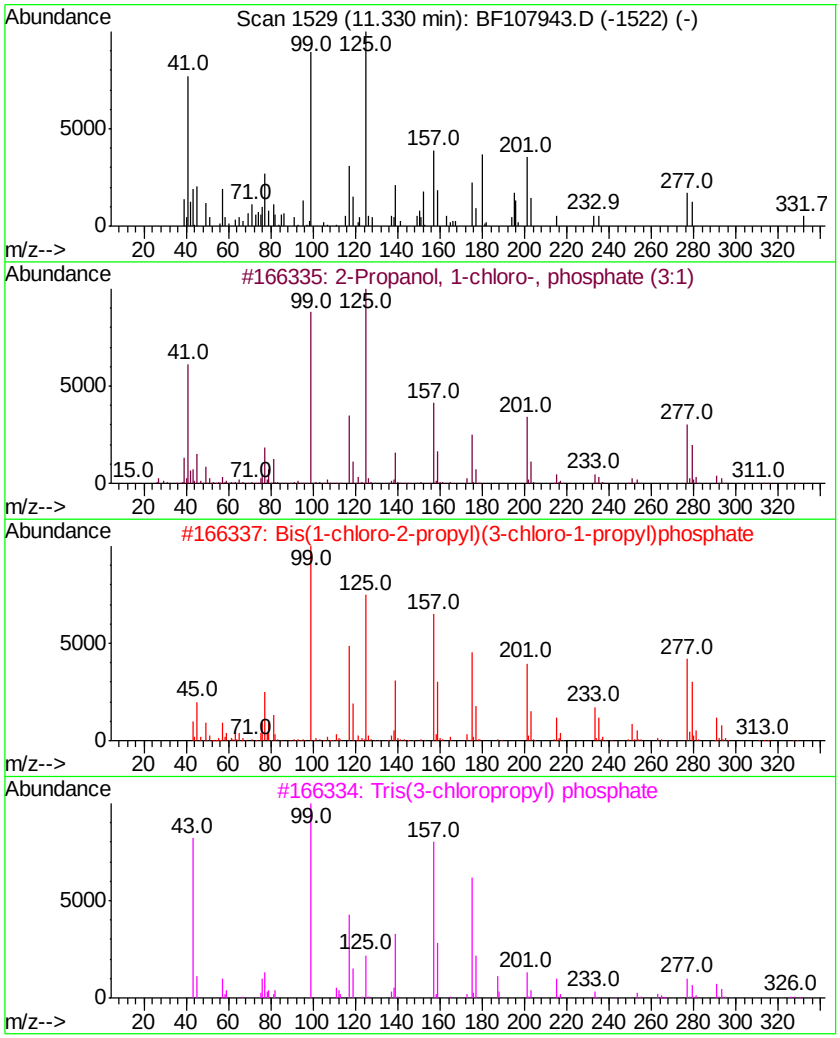
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

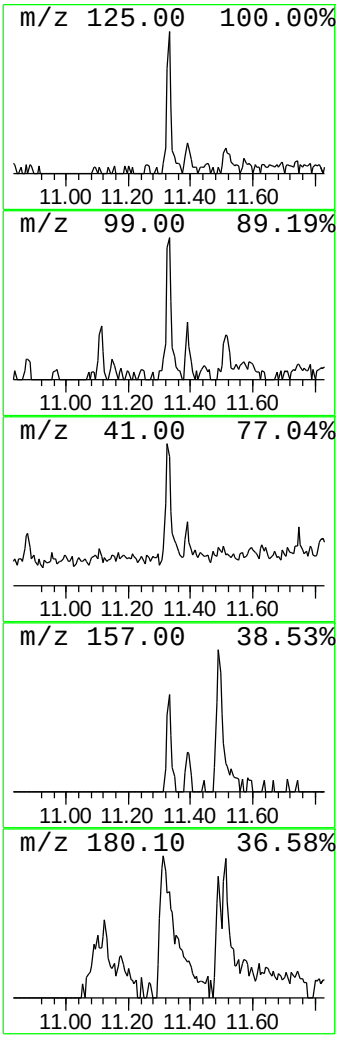
****

Peak Number 4 2-Propanol, 1-chloro-, phos... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	2.71 ng	105411	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	80
2	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	64
3	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	27
4	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	25
5	Phosphoric acid, dibutyl 1-methy...	250	C11H23O4P	005954-40-5	14





Library Search Compound Report

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Data File : BF107943.D
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Operator : JU/SJ
Sample : J4298-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

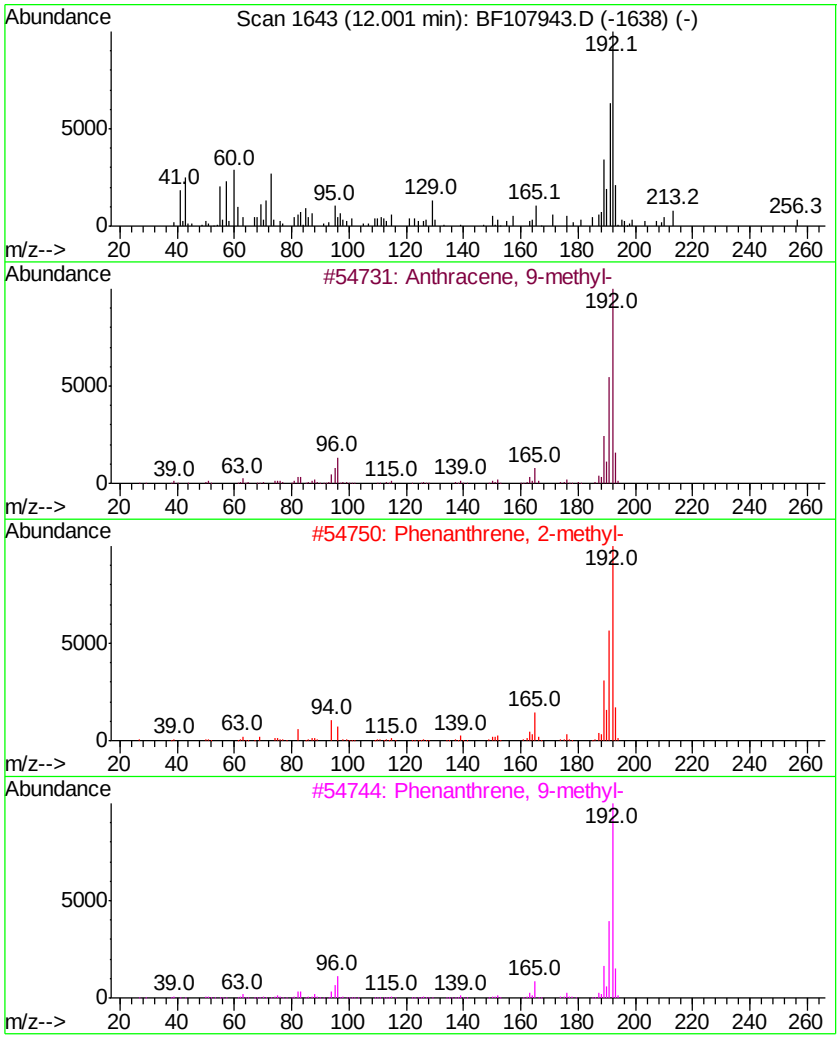
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

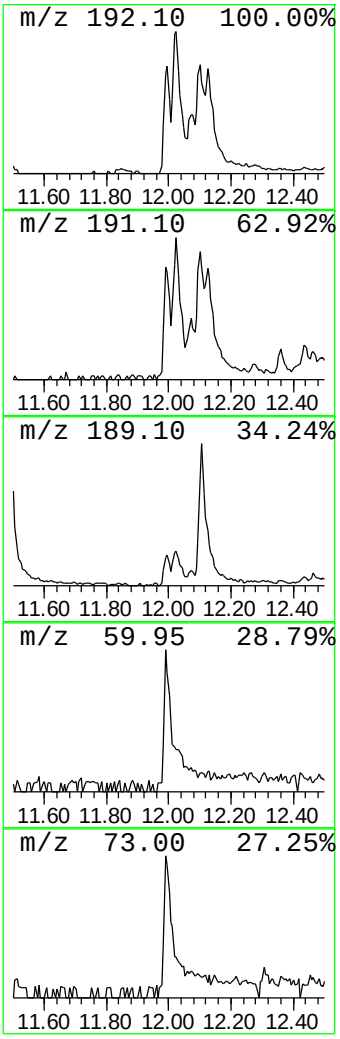
****

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.54 ng	137586	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
3	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	64
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	62
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107943.D
Acq On : 3 Aug 2018 17:45
Operator : JU/SJ
Sample : J4298-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

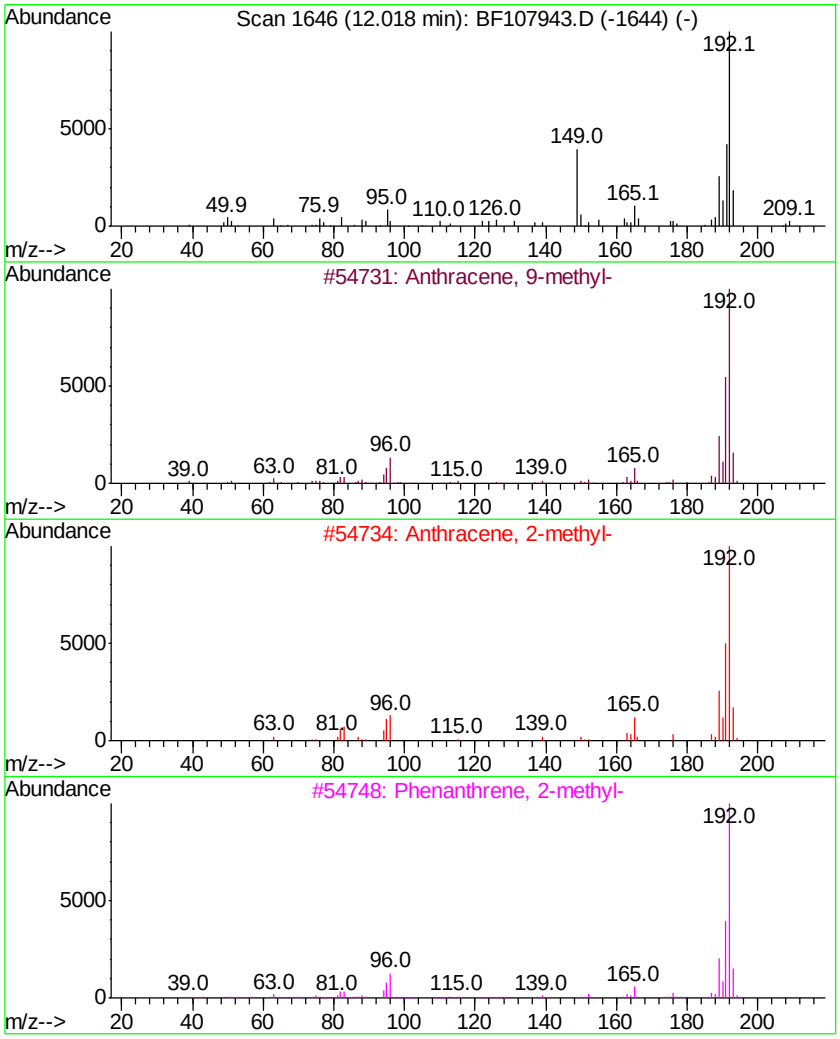
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

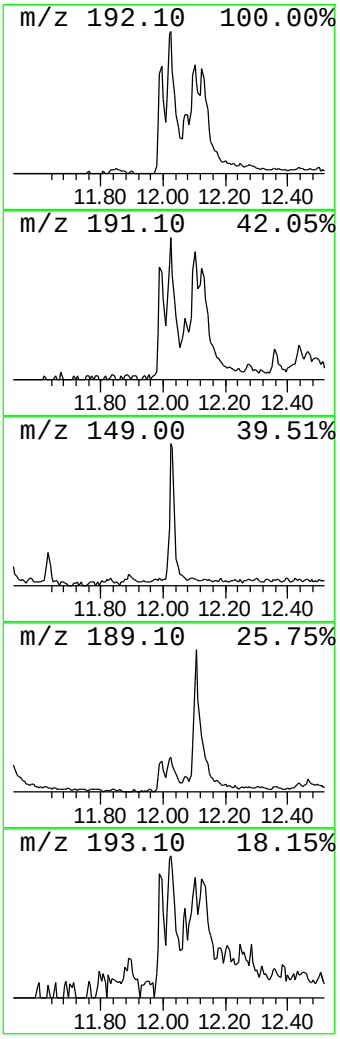
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.83 ng	149061	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	60
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	55
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	49
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107943.D
Acq On : 3 Aug 2018 17:45
Operator : JU/SJ
Sample : J4298-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

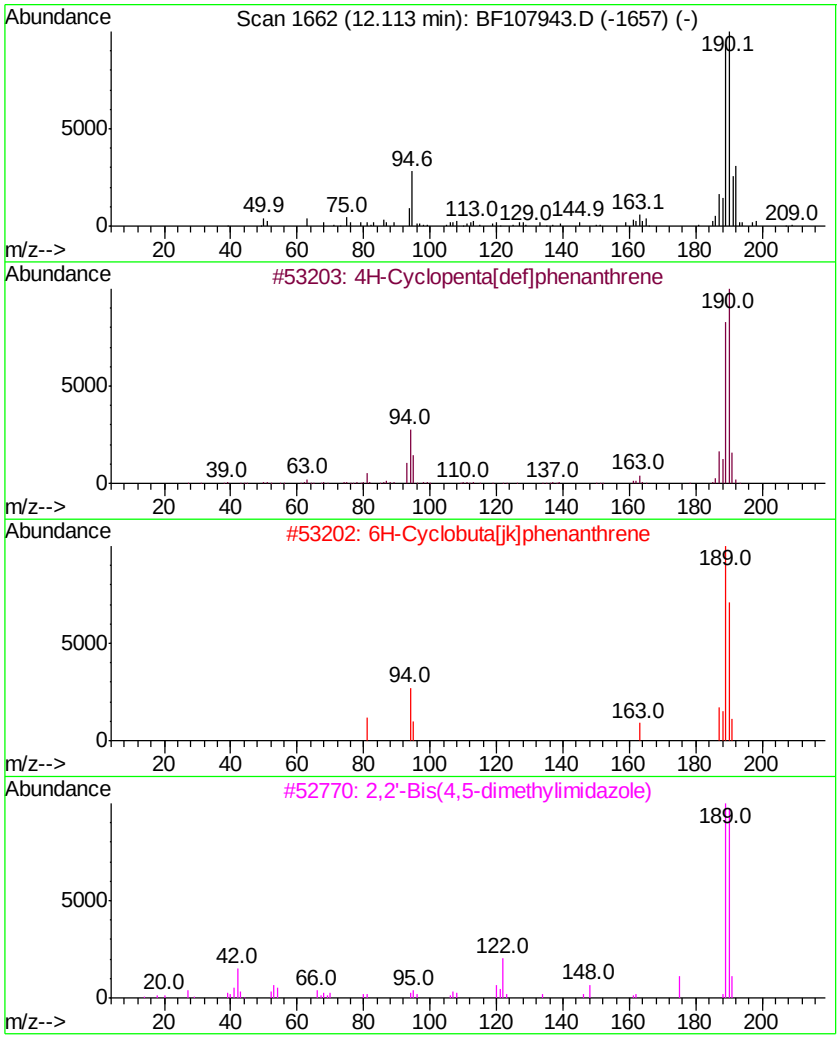
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

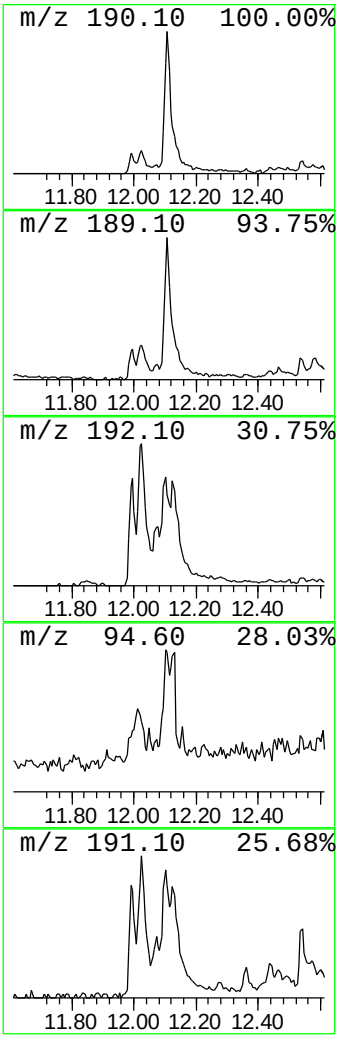
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	4.25 ng	165192	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	4-(4-Chlorophenyl)pyridine	189	C11H8ClN	005957-96-0	17





Library Search Compound Report

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Data File : BF107943.D
Acq On : 3 Aug 2018 17:45
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Sample : J4298-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

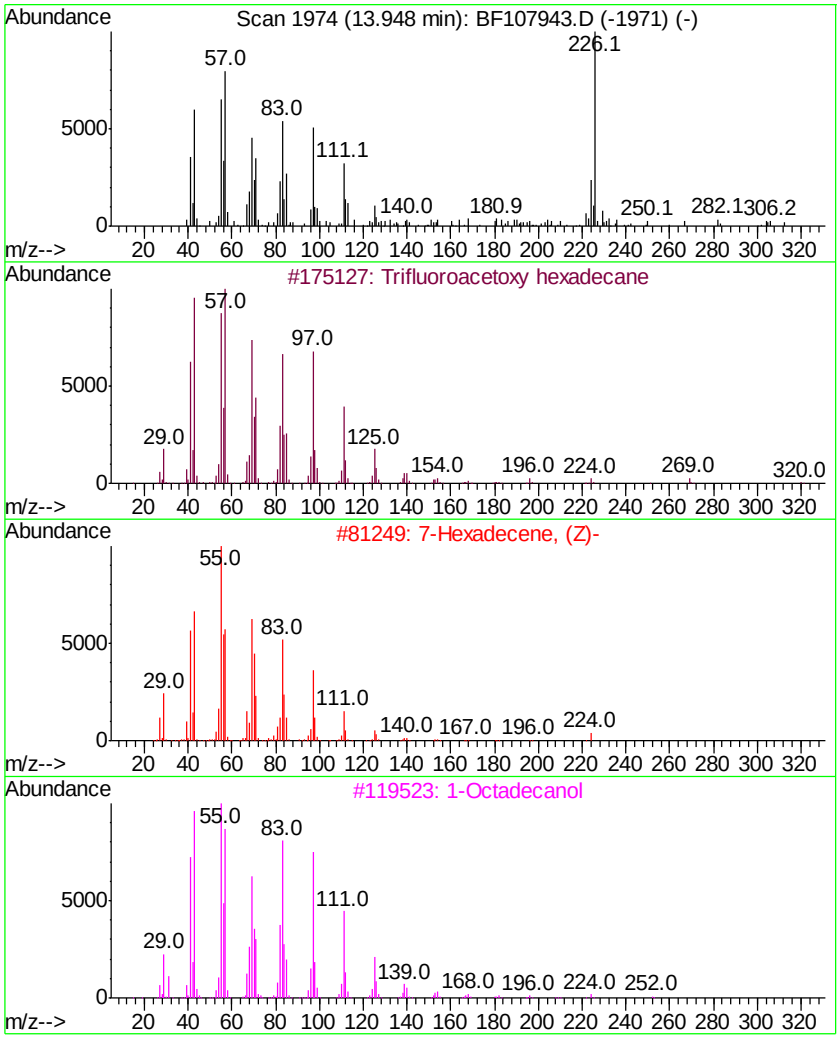
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

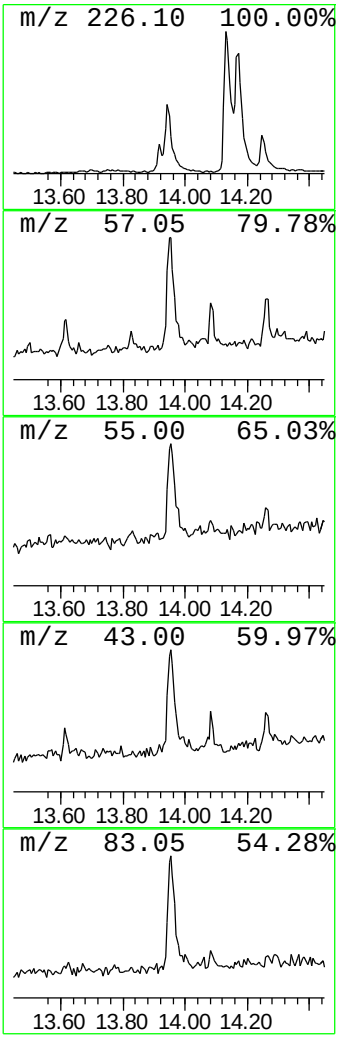
****

Peak Number 8 Trifluoroacetoxy hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.50 ng	220052	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	83
2	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	45
3	1-Octadecanol	270	C18H38O	000112-92-5	41
4	1-Nonadecene	266	C19H38	018435-45-5	38
5	Fumaric acid, hexadecyl 2-methyl...	394	C24H42O4	1000330-55-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080318\
Data File : BF107943.D
Acq On : 3 Aug 2018 17:45
Operator : JU/SJ
Sample : J4298-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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
2-Pentanone, 4-hy...	5.18	16.8	ng	509409	1	6.96	607796	20.0
unknown6.72	6.72	113.3	ng	3444650	1	6.96	607796	20.0
2-Propanol, 1-chl...	11.33	2.7	ng	105411	4	11.49	778198	20.0
Anthracene, 9-met...	12.00	3.5	ng	137586	4	11.49	778198	20.0
Anthracene, 2-met...	12.02	3.8	ng	149061	4	11.49	778198	20.0
4H-Cyclopenta[def...	12.11	4.3	ng	165192	4	11.49	778198	20.0
Trifluoroacetoxy ...	13.95	3.5	ng	220052	5	14.14	1257830	20.0