LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110909.D
Acq On : 20 Nov 2018 22:03
Operator : JU/SJ
Sample : J5957-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-2

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-BF110818.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	218780	298814	62.99%	4.822%
2	5.169	521	524	535	rBV2	7341	15473	3.26%	0.250%
3	5.569	589	592	611	rBV	93035	176897	37.29%	2.855%
4	6.581	759	764	779	rBV2	143196	301811	63.62%	4.870%
5	6.710	783	786	799	rVB	409184	390297	82.28%	6.298%
6	6.940	822	825	832	rBV	358396	325384	68.59%	5.251%
7	6.993	832	834	842	rVB	6569	9058	1.91%	0.146%
8	7.098	848	852	866	rBV	341431	365098	76.97%	5.891%
9	7.510	918	922	940	rBV	188245	276246	58.24%	4.458%
10	7.657	944	947	950	rVB	21193	16484	3.47%	0.266%
11	8.222	1040	1043	1064	rBV	293618	408375	86.09%	6.590%
12	9.298	1222	1226	1240	rBV	419107	474362	100.00%	7.655%
13	9.692	1290	1293	1303	rVB	43576	52992	11.17%	0.855%
14	9.986	1339	1343	1354	rBV	346553	385368	81.24%	6.219%
15	10.386	1409	1411	1415	rVB	5832	4993	1.05%	0.081%
16	10.781	1475	1478	1490	rBV	180164	206346	43.50%	3.330%
17	10.863	1490	1492	1497	rVB3	5902	8082	1.70%	0.130%
18	11.480	1594	1597	1608	rBV	332357	345506	72.84%	5.575%
19	11.980	1679	1682	1693	rBV	102122	107098	22.58%	1.728%
20	12.322	1737	1740	1743	rBV2	5906	5761	1.21%	0.093%
21	12.704	1803	1805	1811	rVB4	5108	6369	1.34%	0.103%
22	12.769	1813	1816	1828	rVB5	19754	29456	6.21%	0.475%
23	12.933	1841	1844	1850	rVB	9205	12141	2.56%	0.196%
24	13.057	1862	1865	1874	rBV	455255	409426	86.31%	6.607%
25	13.257	1894	1899	1903	rBV3	7645	12696	2.68%	0.205%
26	13.604	1955	1958	1961	rBV3	17229	16801	3.54%	0.271%
27	13.933	2011	2014	2022	rBV	128824	168229	35.46%	2.715%
28	14.074	2035	2038	2040	rVB3	6209	6088	1.28%	0.098%
29	14.133	2044	2048	2055	rBV	321663	332901	70.18%	5.372%
30	14.210	2058	2061	2062	rBV3	5865	5922	1.25%	0.096%
31	14.251	2065	2068	2071	rVB	38010	31656	6.67%	0.511%
32	14.557	2117	2120	2122	rBV	74987	67675	14.27%	1.092%
33	14.868	2169	2173	2179	rBV	141184	138615	29.22%	2.237%
34	14.945	2184	2186	2190	rVB3	12793	13760	2.90%	0.222%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110909.D
Acq On : 20 Nov 2018 22:03
Operator : JU/SJ
Sample : J5957-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-2

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-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.221	2228	2233	2240	rVB	141800	165885	34.97%	2.677%
36	15.615	2295	2300	2304	rBV	130015	169120	35.65%	2.729%
37	15.668	2304	2309	2316	rVV2	138299	209262	44.11%	3.377%
38	16.068	2372	2377	2384	rVB	96559	143213	30.19%	2.311%
39	16.592	2461	2466	2471	rVB2	48999	83386	17.58%	1.346%

Sum of corrected areas: 6197046

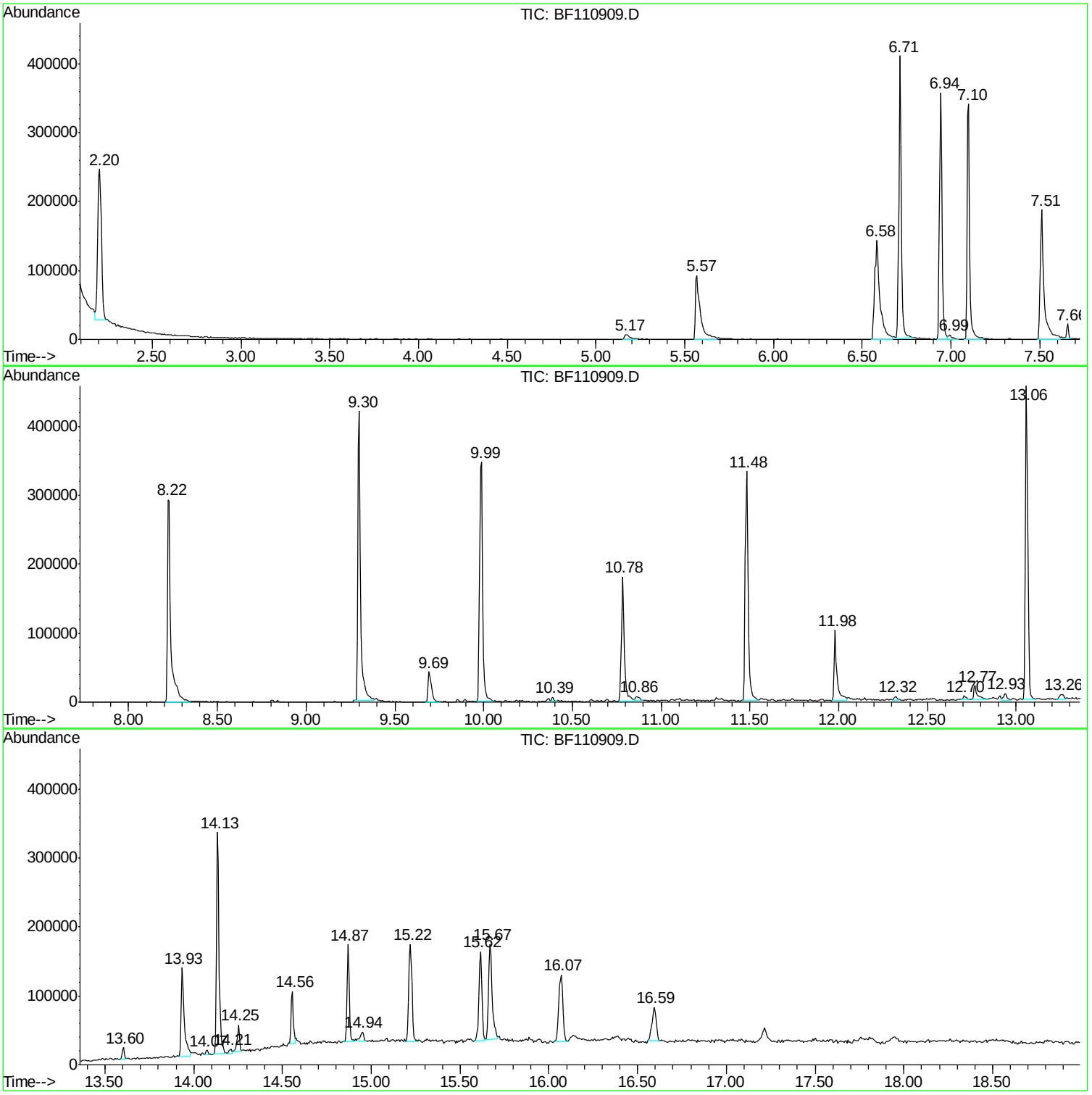
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110909.D
Acq On : 20 Nov 2018 22:03
Operator : JU/SJ
Sample : J5957-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110909.D
Acq On : 20 Nov 2018 22:03
Operator : JU/SJ
Sample : J5957-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

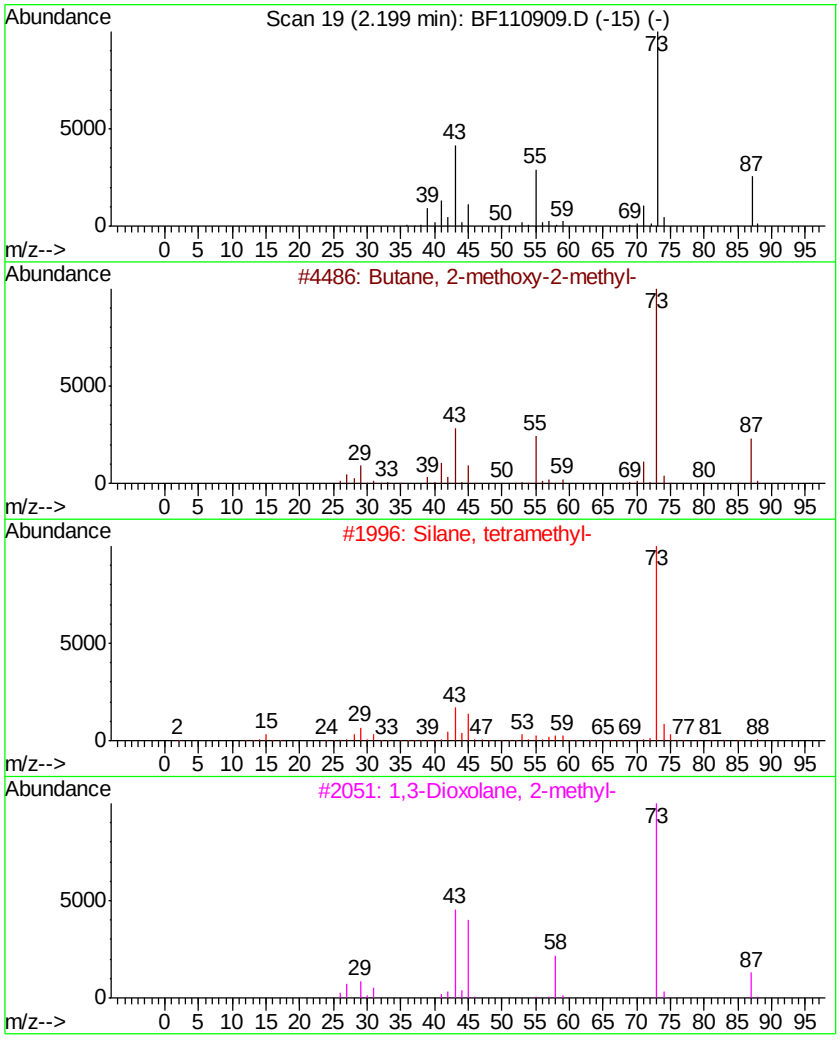
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

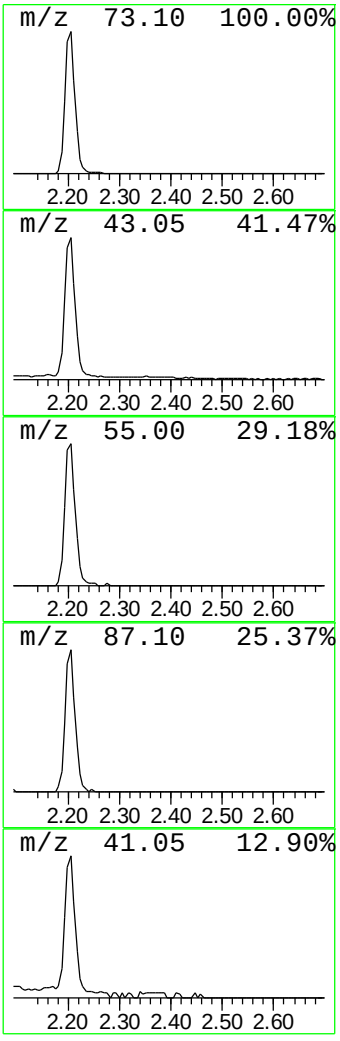
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	18.37 ng	298814	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110909.D
Acq On : 20 Nov 2018 22:03
Operator : JU/SJ
Sample : J5957-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

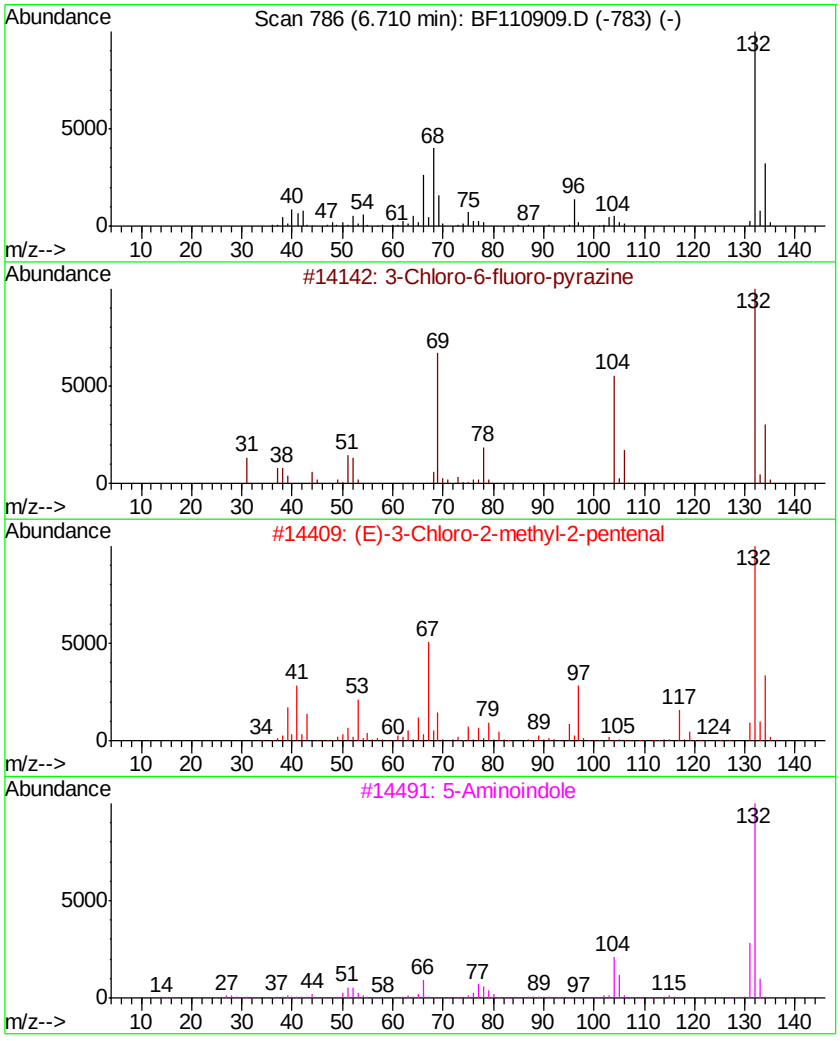
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

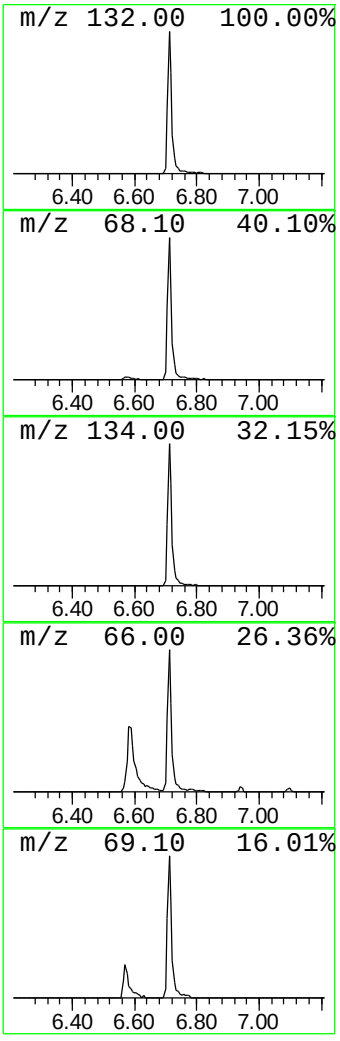
****

Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	23.99 ng	390297	1,4-Dichlorobenzene-d4	6.94

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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110909.D
Acq On : 20 Nov 2018 22:03
Operator : JU/SJ
Sample : J5957-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

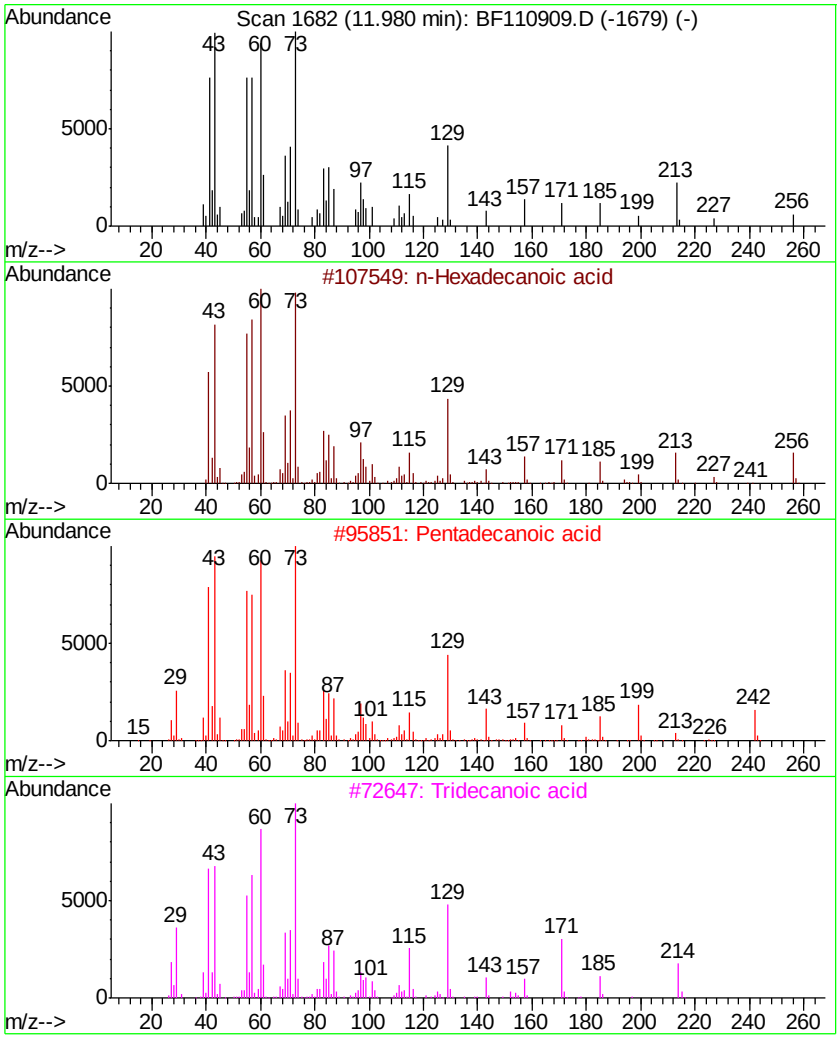
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

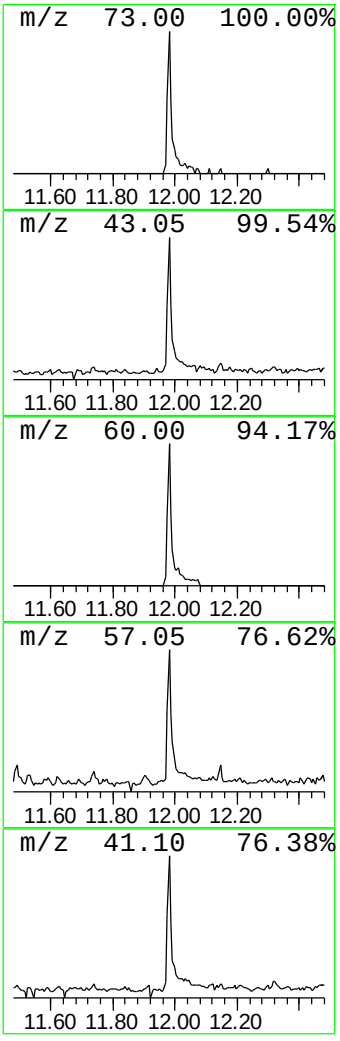
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	6.20 ng	107098	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110909.D
Acq On : 20 Nov 2018 22:03
Operator : JU/SJ
Sample : J5957-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

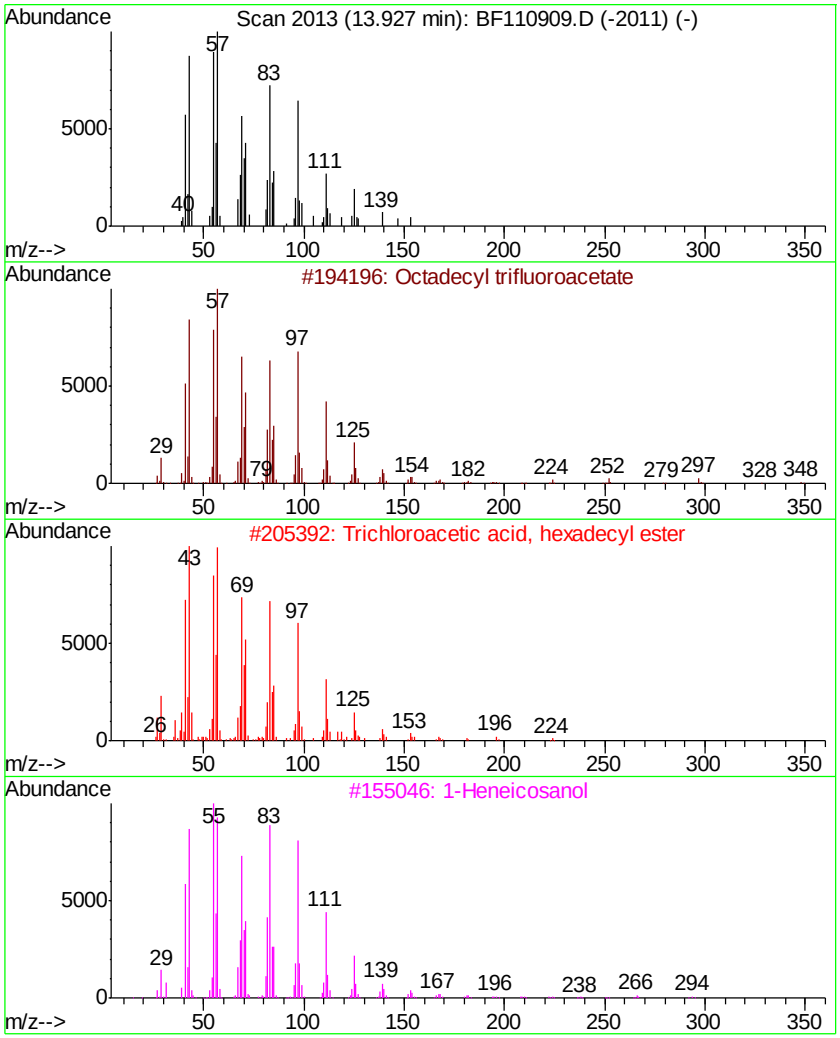
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

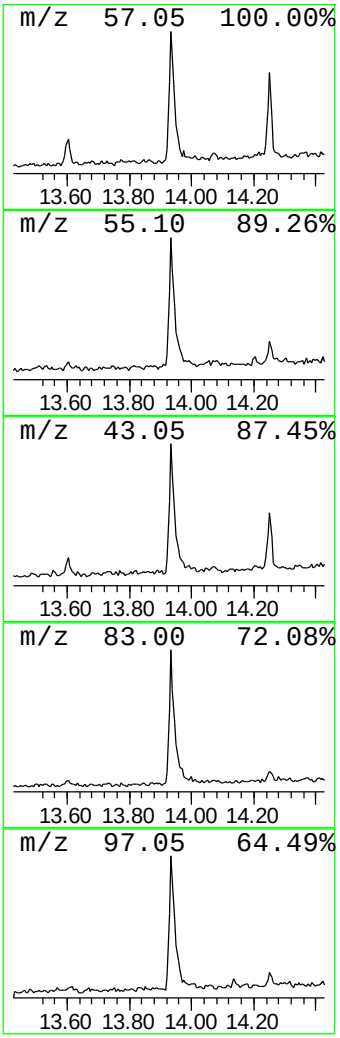
****

Peak Number 5 Octadecyl trifluoroacetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	10.11 ng	168229	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110909.D
Acq On : 20 Nov 2018 22:03
Operator : JU/SJ
Sample : J5957-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

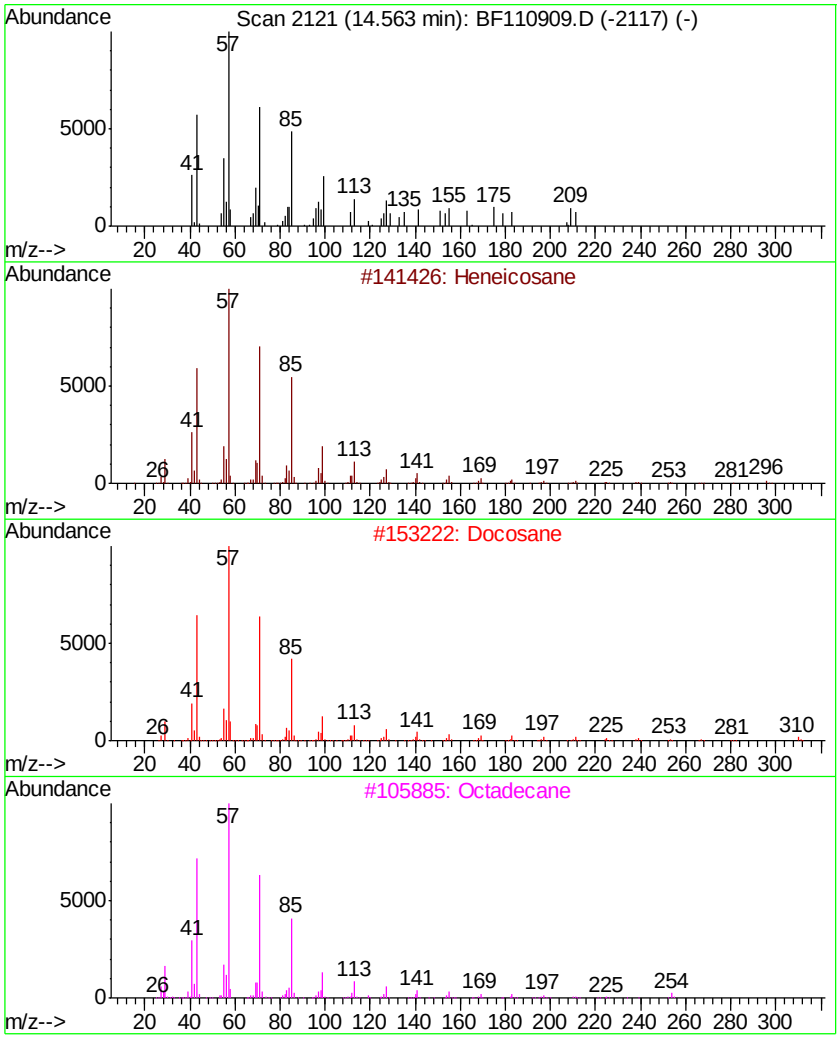
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

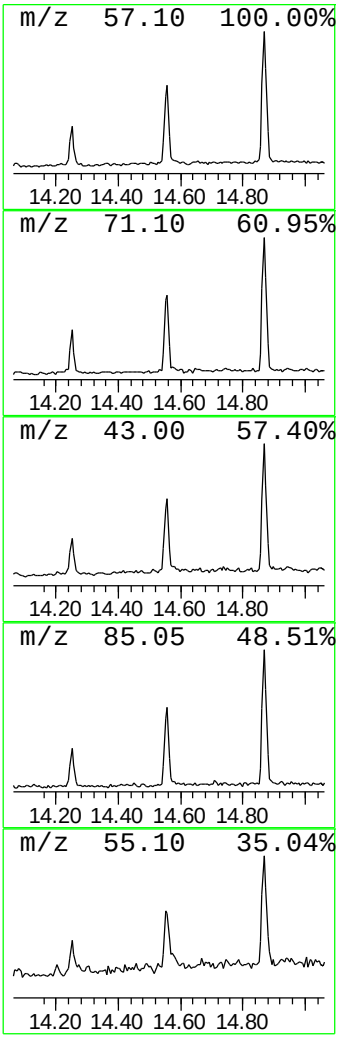
****

Peak Number 6 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	4.07 ng	67675	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Docosane	310	C22H46	000629-97-0	90
3	Octadecane	254	C18H38	000593-45-3	87
4	Triacontane	422	C30H62	000638-68-6	86
5	Hexadecane	226	C16H34	000544-76-3	86





Library Search Compound Report

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Operator : JU/SJ
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

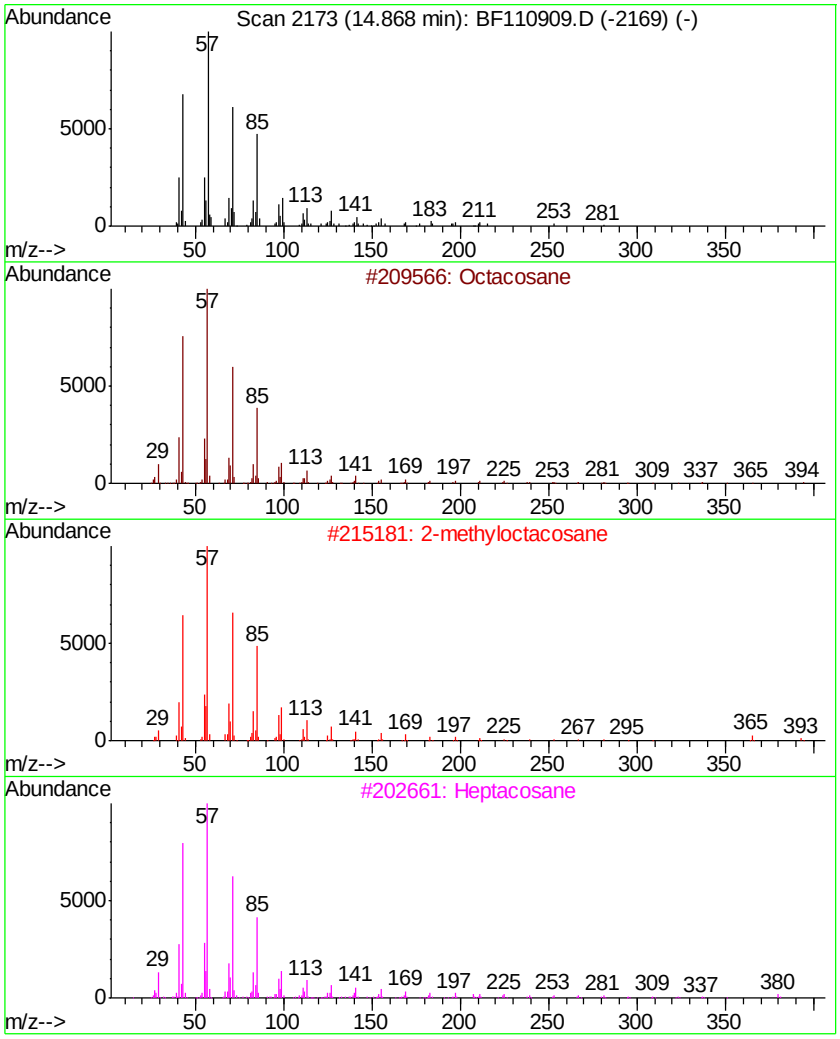
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

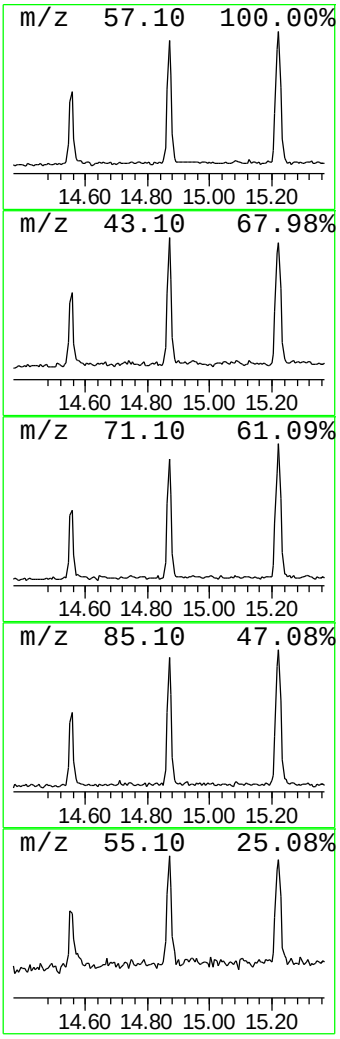
****

Peak Number 7 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	8.33 ng	138615	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hentriacontane	437	C31H64	000630-04-6	91





Library Search Compound Report

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Data File : BF110909.D
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Sample : J5957-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

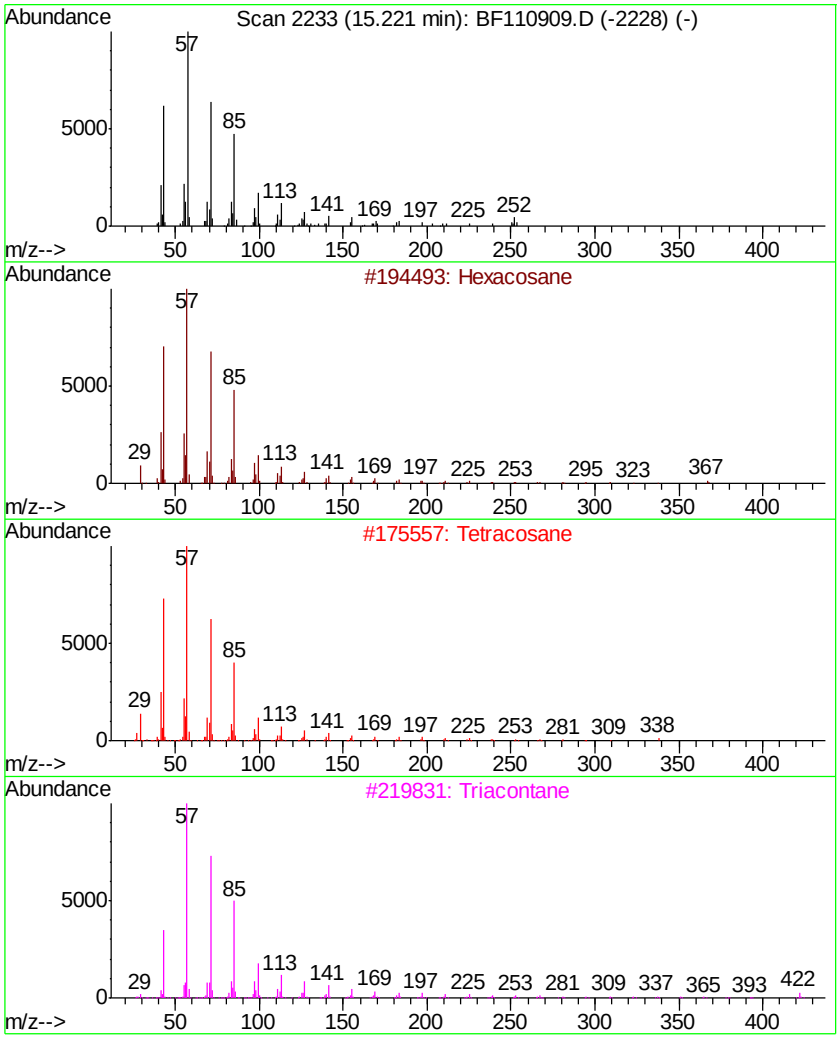
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

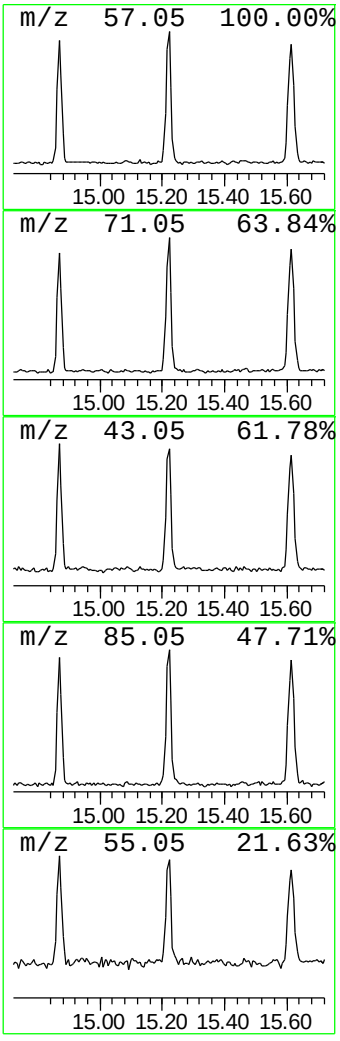
****

Peak Number 8 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	15.85 ng	165885	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Triacontane	422	C30H62	000638-68-6	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Data File : BF110909.D
Acq On : 20 Nov 2018 22:03
Operator : JU/SJ
Sample : J5957-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

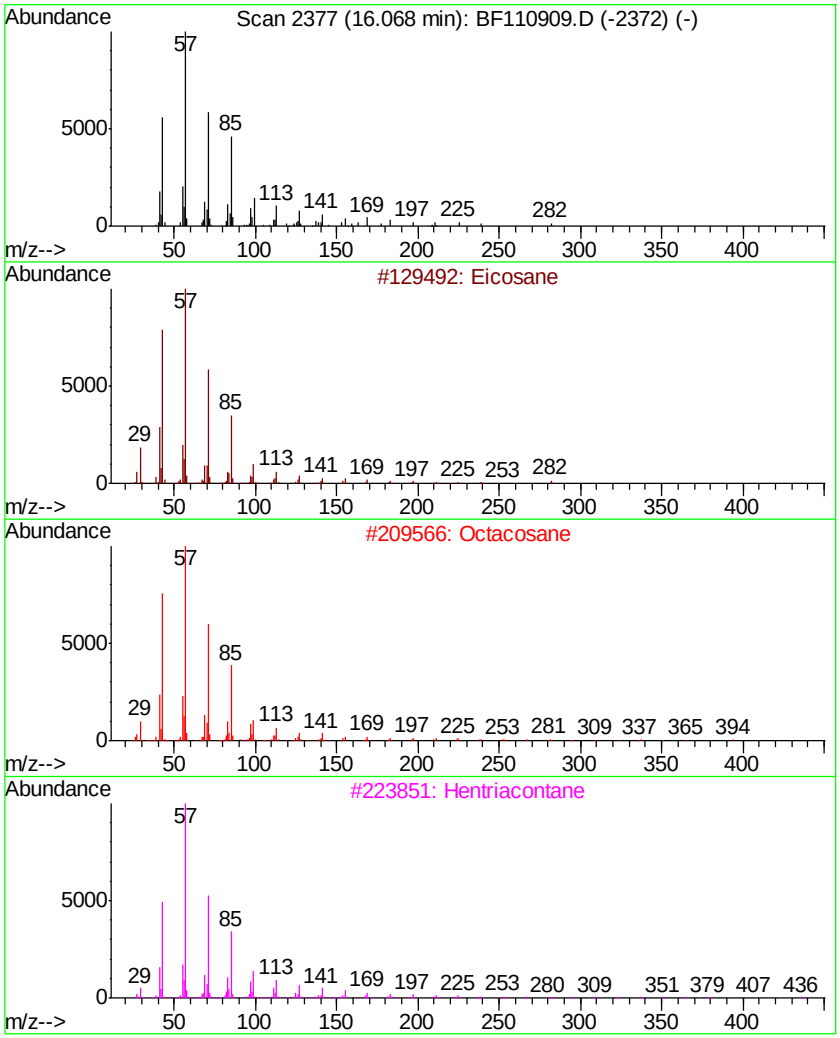
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

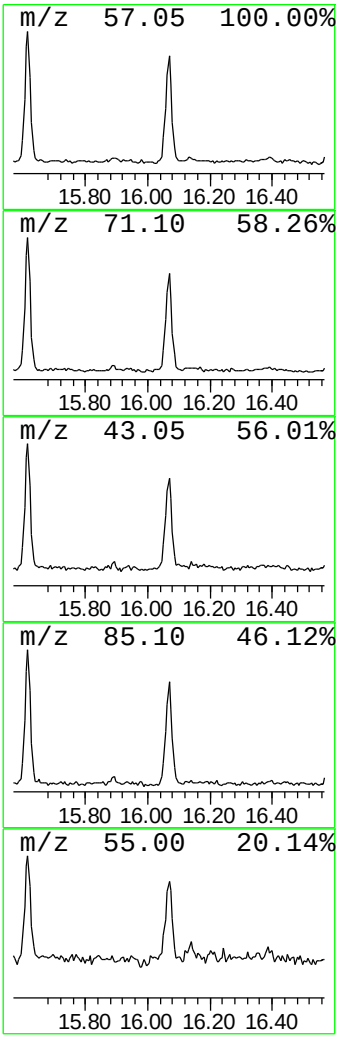
****

Peak Number 10 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	13.69 ng	143213	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Octacosane	394	C28H58	000630-02-4	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Octadecane	254	C18H38	000593-45-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112018\
Data File : BF110909.D
Acq On : 20 Nov 2018 22:03
Operator : JU/SJ
Sample : J5957-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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
Butane, 2-methoxy...	2.20	18.4	ng	298814	1	6.94	325384	20.0
unknown6.71	6.71	24.0	ng	390297	1	6.94	325384	20.0
n-Hexadecanoic acid	11.98	6.2	ng	107098	4	11.48	345506	20.0
Octadecyl trifluo...	13.93	10.1	ng	168229	5	14.13	332901	20.0
Heneicosane	14.56	4.1	ng	67675	5	14.13	332901	20.0
Octacosane	14.87	8.3	ng	138615	5	14.13	332901	20.0
Hexacosane	15.22	15.9	ng	165885	6	15.67	209262	20.0
Eicosane	16.07	13.7	ng	143213	6	15.67	209262	20.0