LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
Data File : BF109498.D
Acq On : 2 Oct 2018 13:53
Operator : JU/SJ
Sample : J5169-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-6

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-BF092218.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	4.898	474	478	489	rBV	45304	68869	3.01%	0.341%
2	5.322	546	550	577	rBV	1340668	1736150	75.95%	8.584%
3	6.351	720	725	742	rBV	1647855	1898712	83.06%	9.388%
4	6.475	742	746	769	rVB	1902791	1943490	85.02%	9.610%
5	6.704	781	785	795	rBV	627747	622854	27.25%	3.080%
6	6.857	808	811	833	rVB	1385812	1462379	63.97%	7.231%
7	7.263	876	880	895	rBV	1116824	1217562	53.26%	6.020%
8	7.986	999	1003	1020	rBV	808535	827890	36.22%	4.094%
9	9.063	1181	1186	1196	rBV	2293949	2285994	100.00%	11.303%
10	9.451	1249	1252	1263	rBV	190588	182775	8.00%	0.904%
11	9.733	1296	1300	1312	rVB	1051170	954968	41.77%	4.722%
12	10.516	1429	1433	1448	rBV	1242236	1308216	57.23%	6.468%
13	11.210	1547	1551	1559	rBV	1092848	964083	42.17%	4.767%
14	11.745	1639	1642	1652	rBV3	68786	93306	4.08%	0.461%
15	12.415	1753	1756	1760	rBV	72533	69791	3.05%	0.345%
16	12.533	1771	1776	1780	rBV4	22051	33865	1.48%	0.167%
17	12.645	1790	1795	1798	rVB	61804	63828	2.79%	0.316%
18	12.792	1816	1820	1823	rBV	2122624	1831128	80.10%	9.054%
19	13.033	1858	1861	1864	rVB3	25110	24748	1.08%	0.122%
20	13.698	1970	1974	1982	rVB2	125014	171247	7.49%	0.847%
21	13.839	1993	1998	2001	rBV	781261	772576	33.80%	3.820%
22	13.862	2001	2002	2005	rVB	70303	36527	1.60%	0.181%
23	14.015	2025	2028	2034	rVB	46779	48337	2.11%	0.239%
24	14.321	2077	2080	2082	rBV	62059	62657	2.74%	0.310%
25	14.615	2127	2130	2133	rBV	86739	90482	3.96%	0.447%
26	14.680	2138	2141	2145	rVB	64891	66873	2.93%	0.331%
27	14.845	2166	2169	2177	rVB	33086	60505	2.65%	0.299%
28	14.927	2180	2183	2188	rVB	100145	105928	4.63%	0.524%
29	15.180	2223	2226	2232	rBV	24627	39241	1.72%	0.194%
30	15.239	2232	2236	2240	rBV	592500	735196	32.16%	3.635%
31	15.280	2240	2243	2250	rVB2	105926	131156	5.74%	0.649%
32	15.680	2306	2311	2316	rBV	105546	143051	6.26%	0.707%
33	16.139	2384	2389	2400	rVB2	81800	170105	7.44%	0.841%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
Data File : BF109498.D
Acq On : 2 Oct 2018 13:53
Operator : JU/SJ
Sample : J5169-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-6

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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 20224489

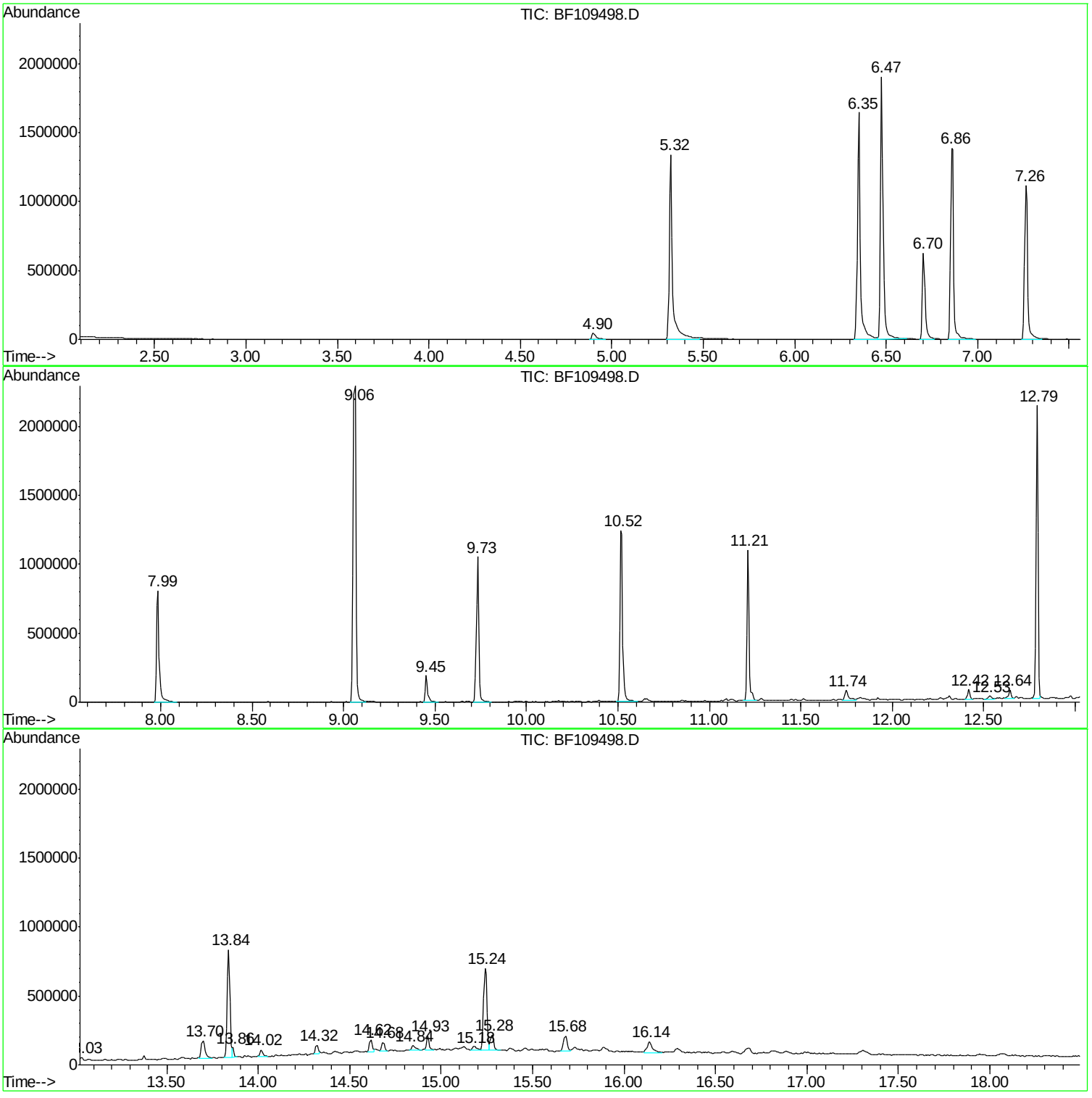
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
Data File : BF109498.D
Acq On : 2 Oct 2018 13:53
Operator : JU/SJ
Sample : J5169-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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\BF100218\
Data File : BF109498.D
Acq On : 2 Oct 2018 13:53
Operator : JU/SJ
Sample : J5169-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

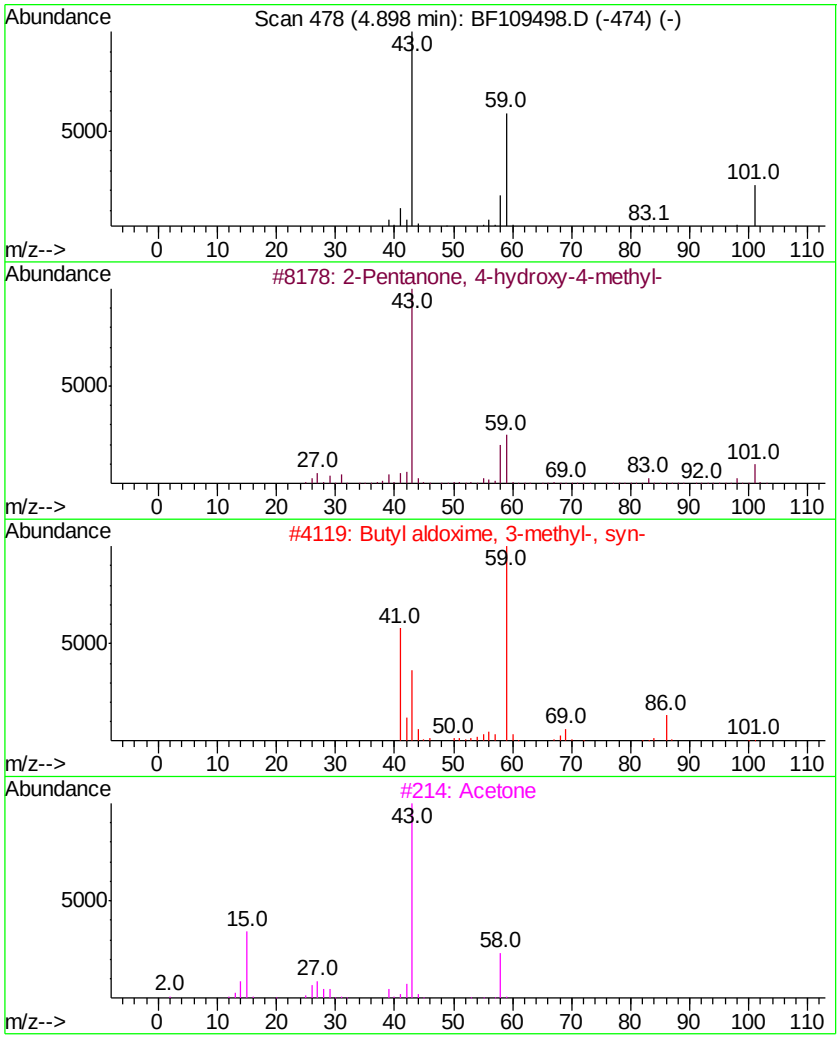
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

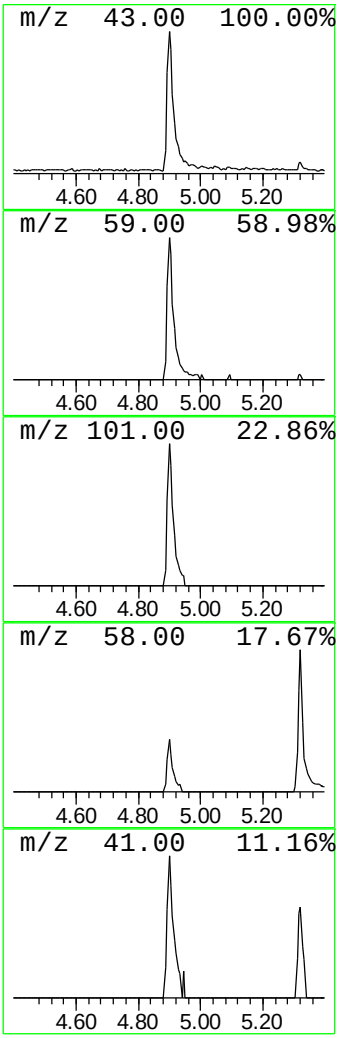
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	2.21 ng	68869	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
3	Acetone	58	C3H6O	000067-64-1	9
4	3-Heptanol	116	C7H16O	000589-82-2	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
Data File : BF109498.D
Acq On : 2 Oct 2018 13:53
Operator : JU/SJ
Sample : J5169-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

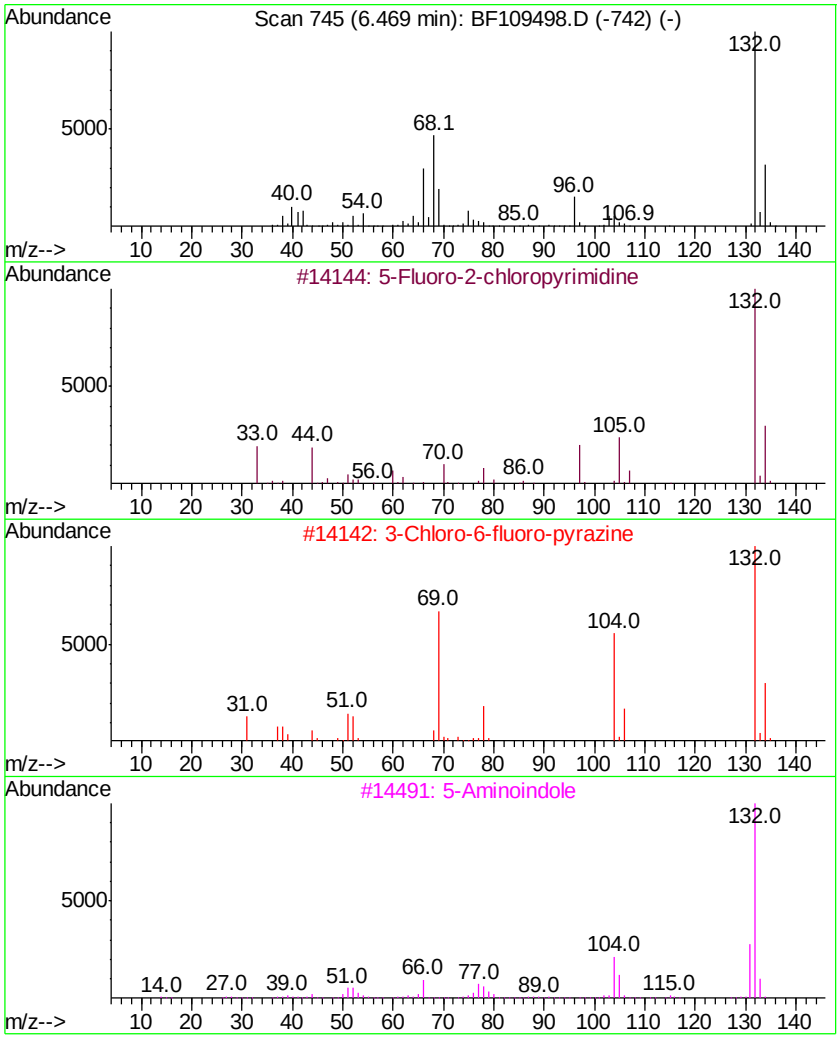
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

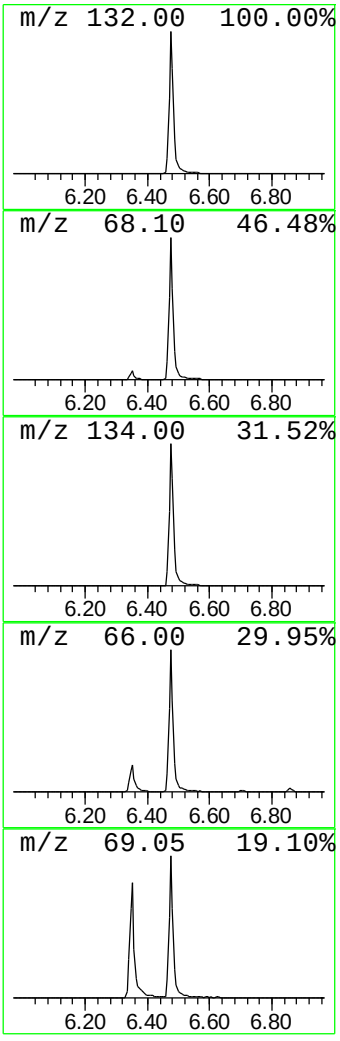
****

Peak Number 2 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	62.41 ng	1943490	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
Data File : BF109498.D
Acq On : 2 Oct 2018 13:53
Operator : JU/SJ
Sample : J5169-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

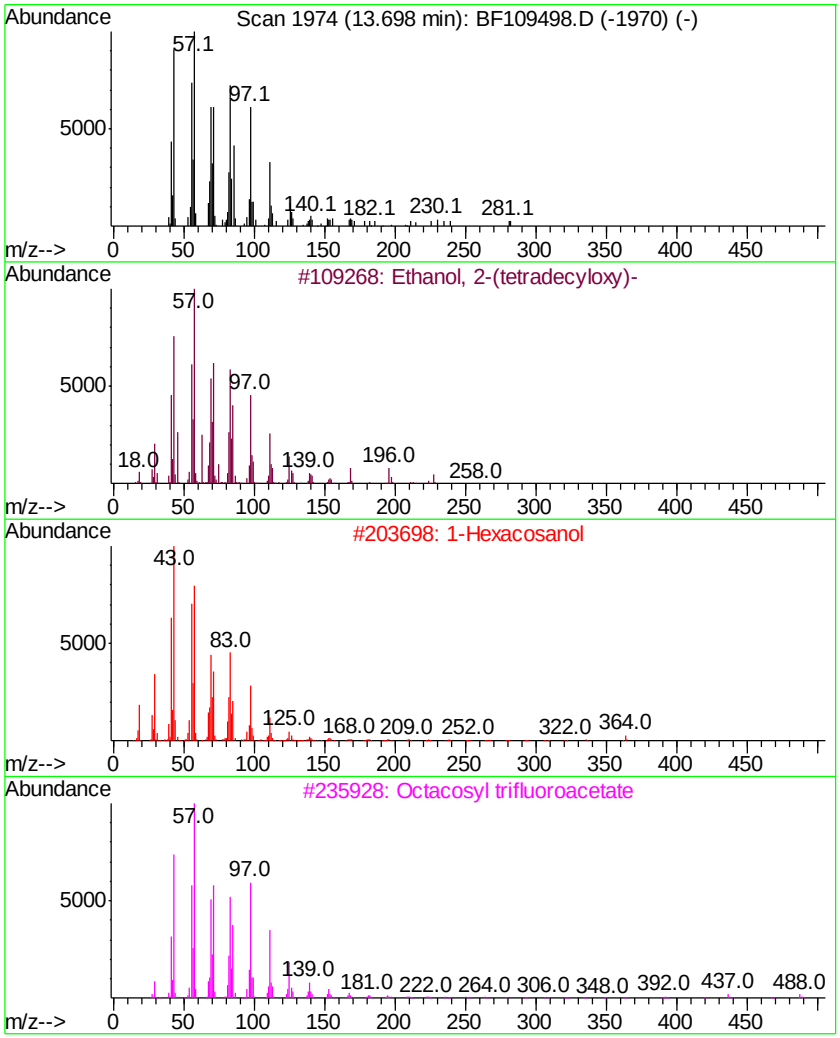
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

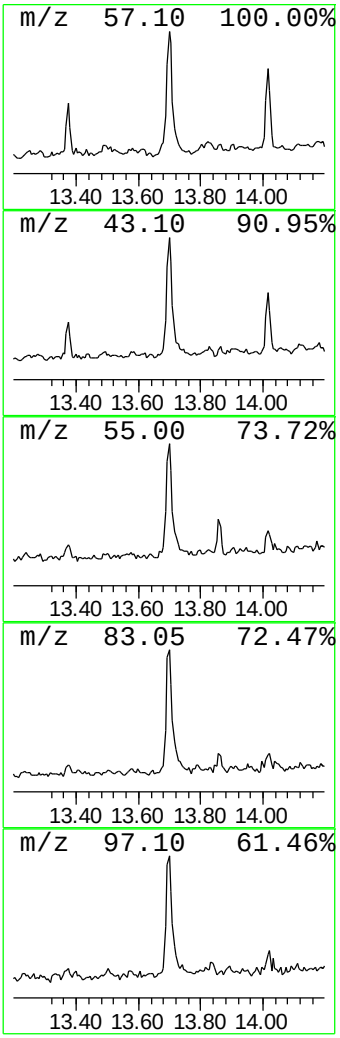
****

Peak Number 4 Ethanol, 2-(tetradecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	4.43 ng	171247	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	1-Hexacosanol	382	C26H54O	000506-52-5	91
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	90
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
Data File : BF109498.D
Acq On : 2 Oct 2018 13:53
Operator : JU/SJ
Sample : J5169-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

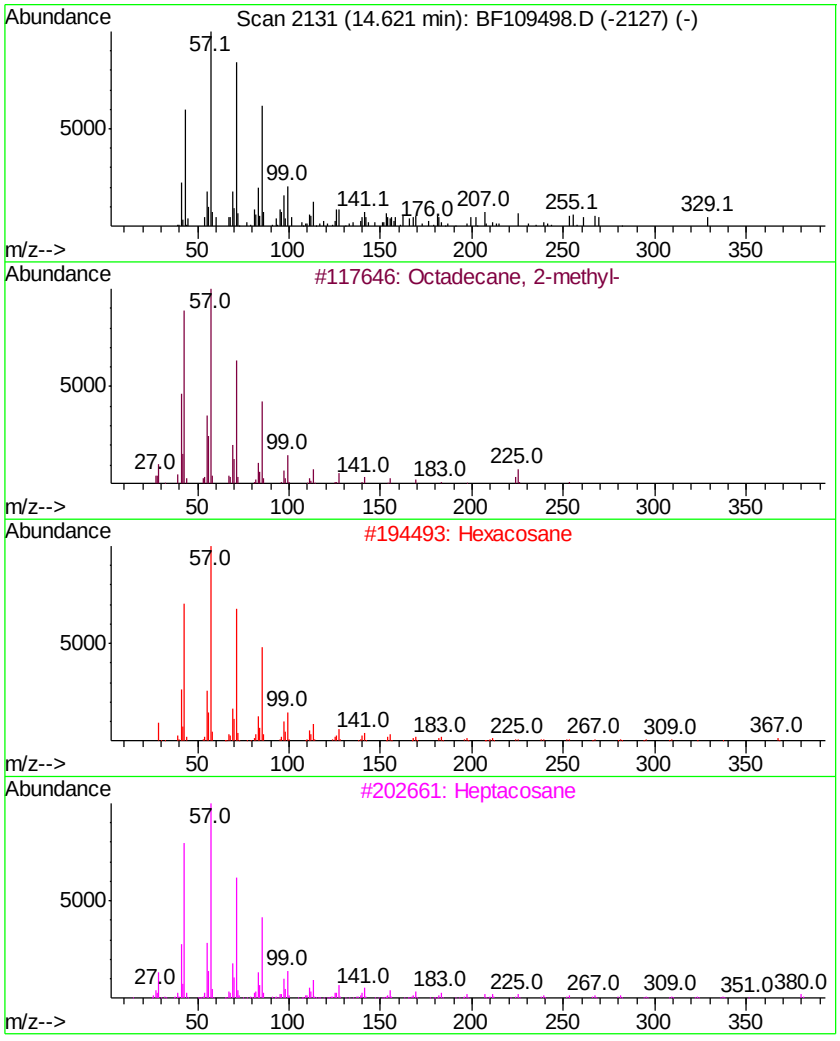
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

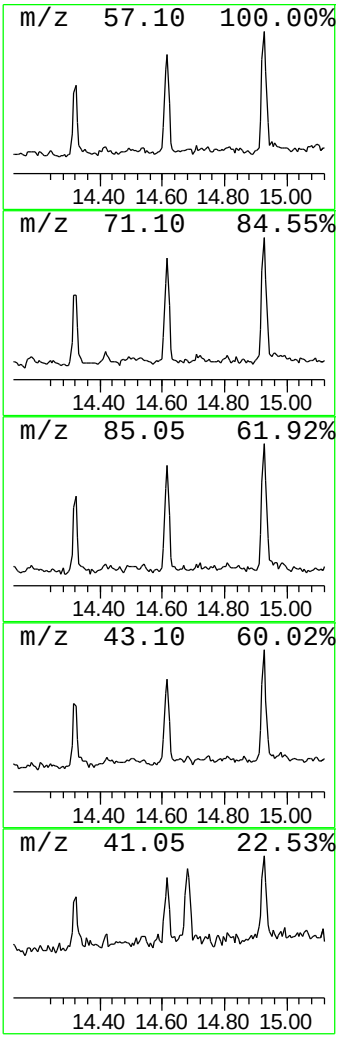
****

Peak Number 5 Octadecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	2.46 ng	90482	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Pentacosane	352	C25H52	000629-99-2	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
Data File : BF109498.D
Acq On : 2 Oct 2018 13:53
Operator : JU/SJ
Sample : J5169-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

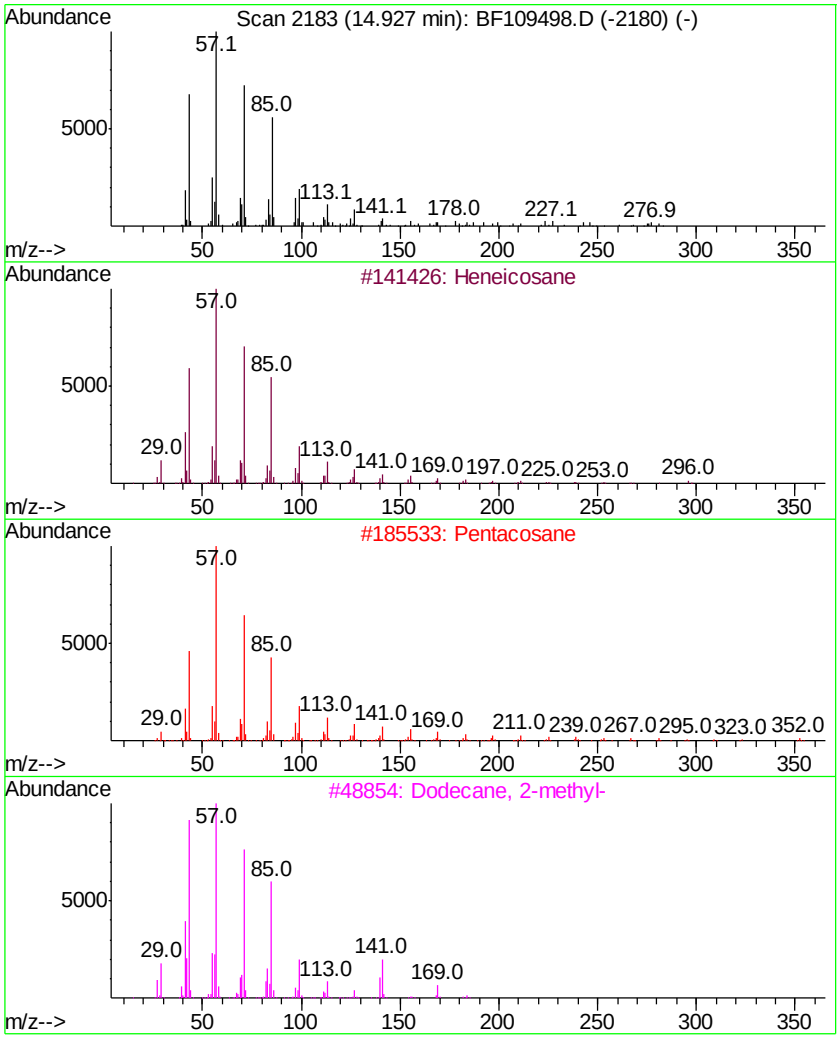
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

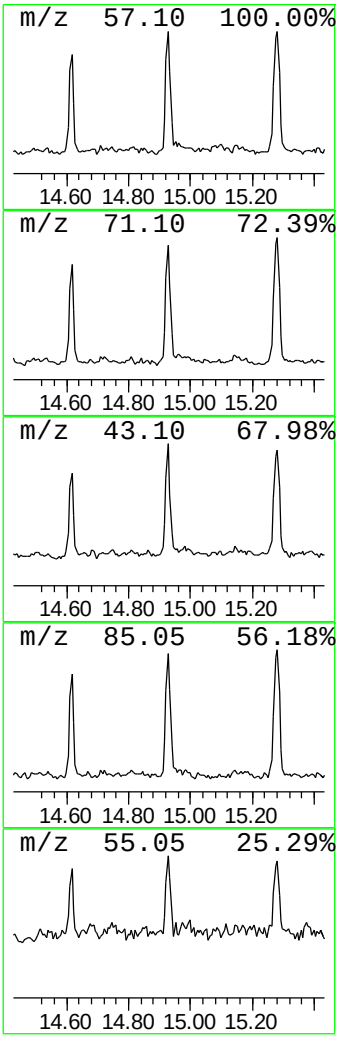
****

Peak Number 6 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	2.88 ng	105928	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Pentacosane	352	C25H52	000629-99-2	90
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Heptadecane	240	C17H36	000629-78-7	86





Library Search Compound Report

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Data File : BF109498.D
Acq On : 2 Oct 2018 13:53
Operator : JU/SJ
Sample : J5169-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

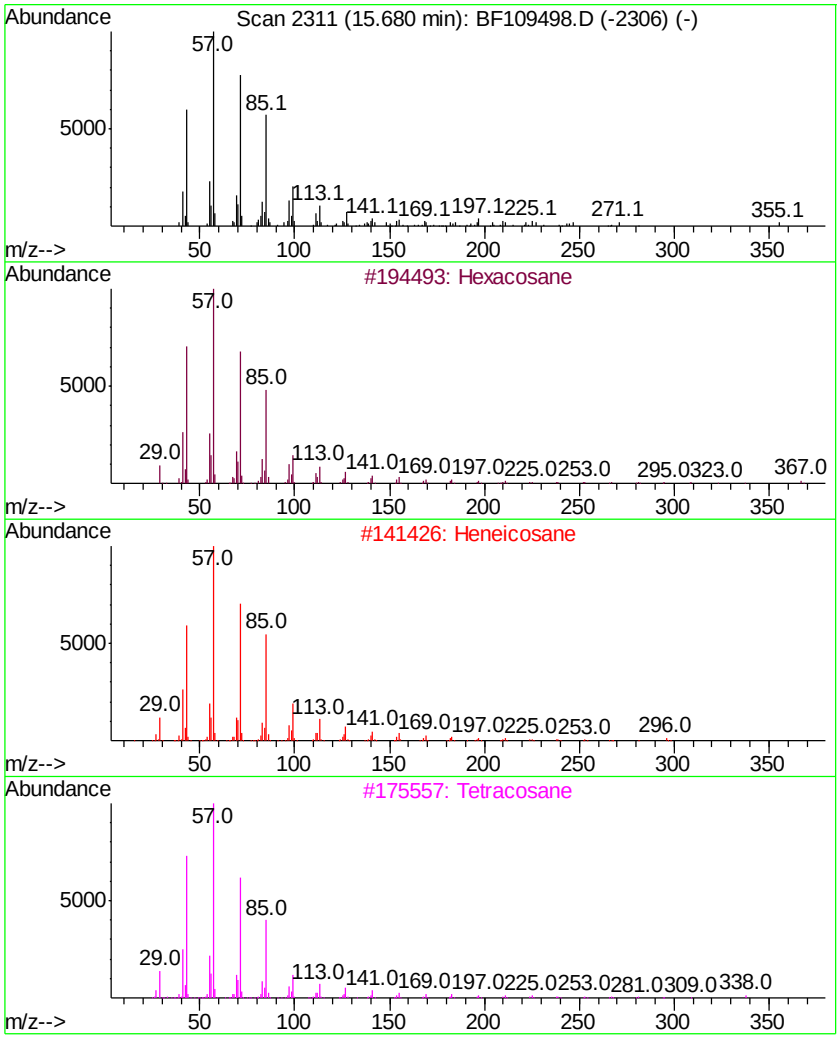
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

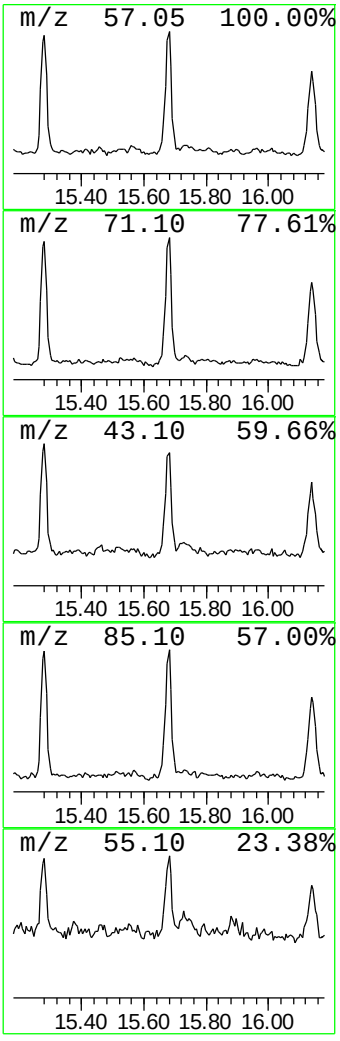
****

Peak Number 7 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	3.89 ng	143051	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Pentacosane	352	C25H52	000629-99-2	86
5	Octacosane	394	C28H58	000630-02-4	86





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Data File : BF109498.D
Acq On : 2 Oct 2018 13:53
Operator : JU/SJ
Sample : J5169-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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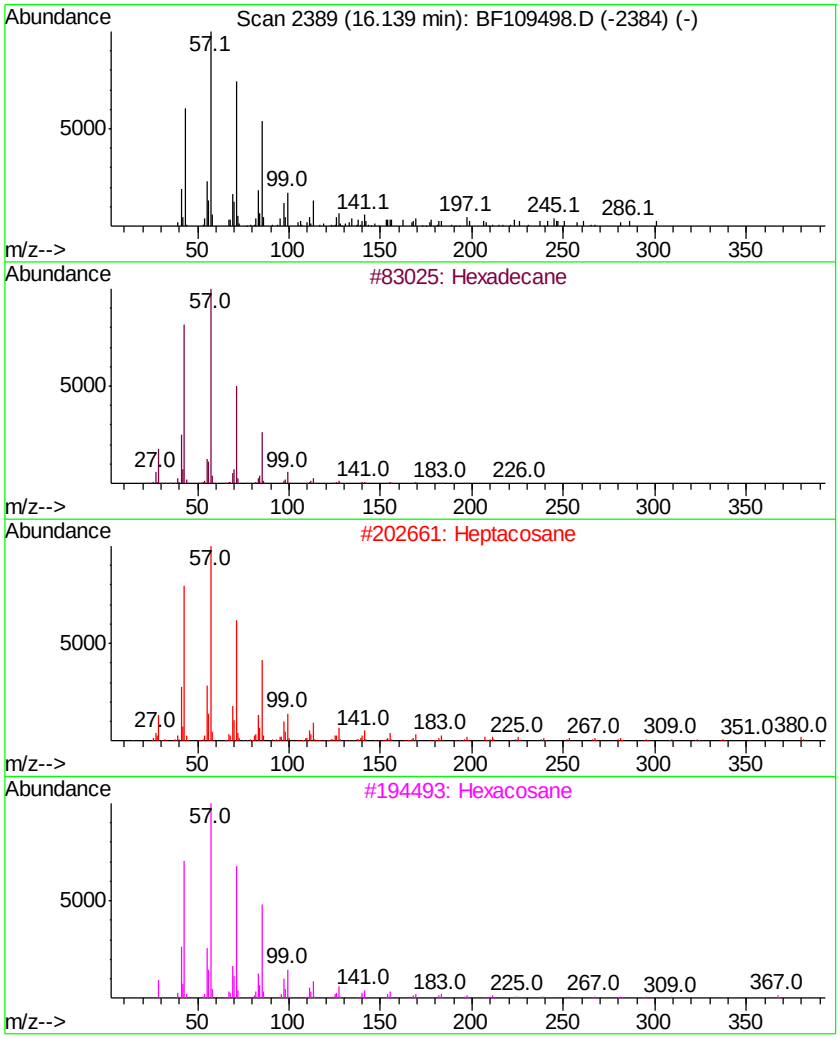
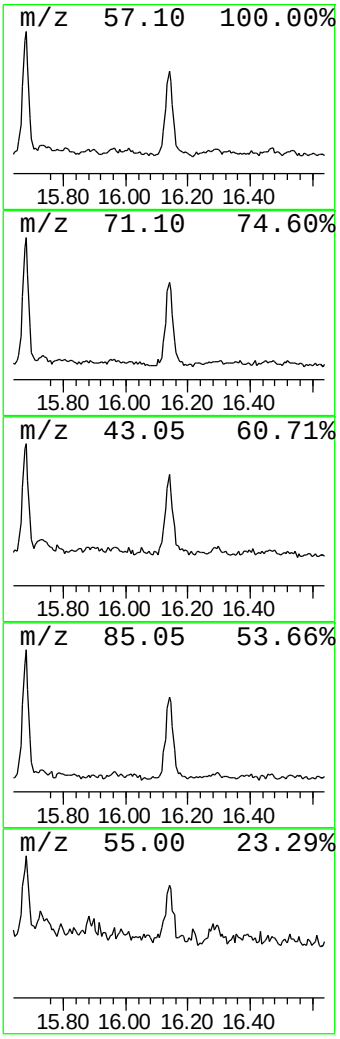
Peak Number 8 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	4.63 ng	170105	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Heneicosane	296	C21H44	000629-94-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100218\
Data File : BF109498.D
Acq On : 2 Oct 2018 13:53
Operator : JU/SJ
Sample : J5169-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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...	4.90	2.2	ng	68869	1	6.70	622854	20.0
unknown6.47	6.47	62.4	ng	1943490	1	6.70	622854	20.0
Ethanol, 2-(tetra...	13.70	4.4	ng	171247	5	13.84	772576	20.0
Octadecane, 2-met...	14.62	2.5	ng	90482	6	15.24	735196	20.0
Heneicosane	14.93	2.9	ng	105928	6	15.24	735196	20.0
Hexacosane	15.68	3.9	ng	143051	6	15.24	735196	20.0
Hexadecane	16.14	4.6	ng	170105	6	15.24	735196	20.0