LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108901.D
Acq On : 10 Sep 2018 18:57
Operator : JU/SJ
Sample : J4829-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES-3-4FT

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-BF090518.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	4.937	438	442	449	rVB	124438	146260	4.10%	0.458%
2	5.354	508	513	516	rBV	3356997	3337099	93.60%	10.460%
3	6.378	681	687	690	rBV	3483499	3455111	96.91%	10.830%
4	6.507	705	709	713	rBV	3505597	3432845	96.28%	10.760%
5	6.572	718	720	726	rVB	45869	40670	1.14%	0.127%
6	6.742	745	749	752	rBV	1315052	1065711	29.89%	3.340%
7	6.895	771	775	779	rBV	3062273	2756960	77.32%	8.641%
8	7.301	839	844	847	rBV	2207419	2086133	58.51%	6.539%
9	8.019	963	966	970	rBV	1388413	1220827	34.24%	3.827%
10	9.095	1145	1149	1153	rBV	4091249	3565419	100.00%	11.175%
11	9.489	1212	1216	1219	rBV	463649	373525	10.48%	1.171%
12	9.771	1260	1264	1268	rBV	1376522	1118008	31.36%	3.504%
13	10.554	1393	1397	1404	rBV	2018142	1678234	47.07%	5.260%
14	11.248	1511	1515	1518	rBV	1218414	1003883	28.16%	3.147%
15	11.783	1603	1606	1610	rBV	95902	94849	2.66%	0.297%
16	12.830	1780	1784	1787	rBV	3570353	3108948	87.20%	9.745%
17	13.418	1881	1884	1886	rBV	51414	45832	1.29%	0.144%
18	13.736	1934	1938	1946	rBV2	355475	514022	14.42%	1.611%
19	13.877	1958	1962	1965	rBV	1317678	1241215	34.81%	3.890%
20	14.059	1990	1993	1997	rBV	108065	114262	3.20%	0.358%
21	14.365	2042	2045	2050	rBV	130867	138476	3.88%	0.434%
22	14.659	2092	2095	2100	rVB	151782	143358	4.02%	0.449%
23	14.730	2104	2107	2110	rVV	91200	86438	2.42%	0.271%
24	14.983	2147	2150	2154	rVB	153659	158566	4.45%	0.497%
25	15.283	2197	2201	2206	rVV	694142	823002	23.08%	2.580%
26	15.336	2208	2210	2216	rVB	131942	154682	4.34%	0.485%

Sum of corrected areas: 31904335

LSC Report - Integrated Chromatogram

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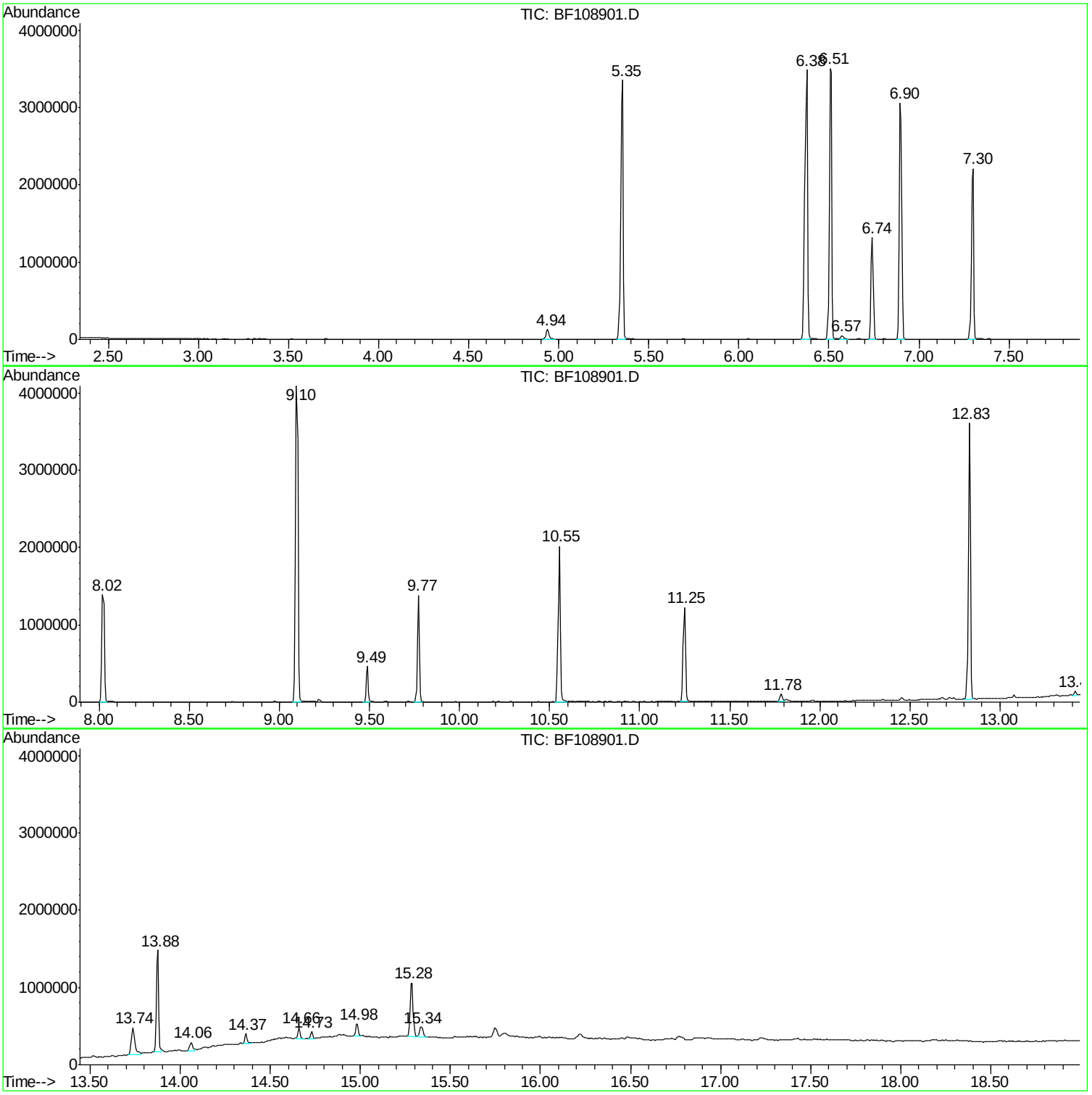
Sample : J4829-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES-3-4FT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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\BF091018\
Data File : BF108901.D
Acq On : 10 Sep 2018 18:57
Operator : JU/SJ
Sample : J4829-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES-3-4FT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

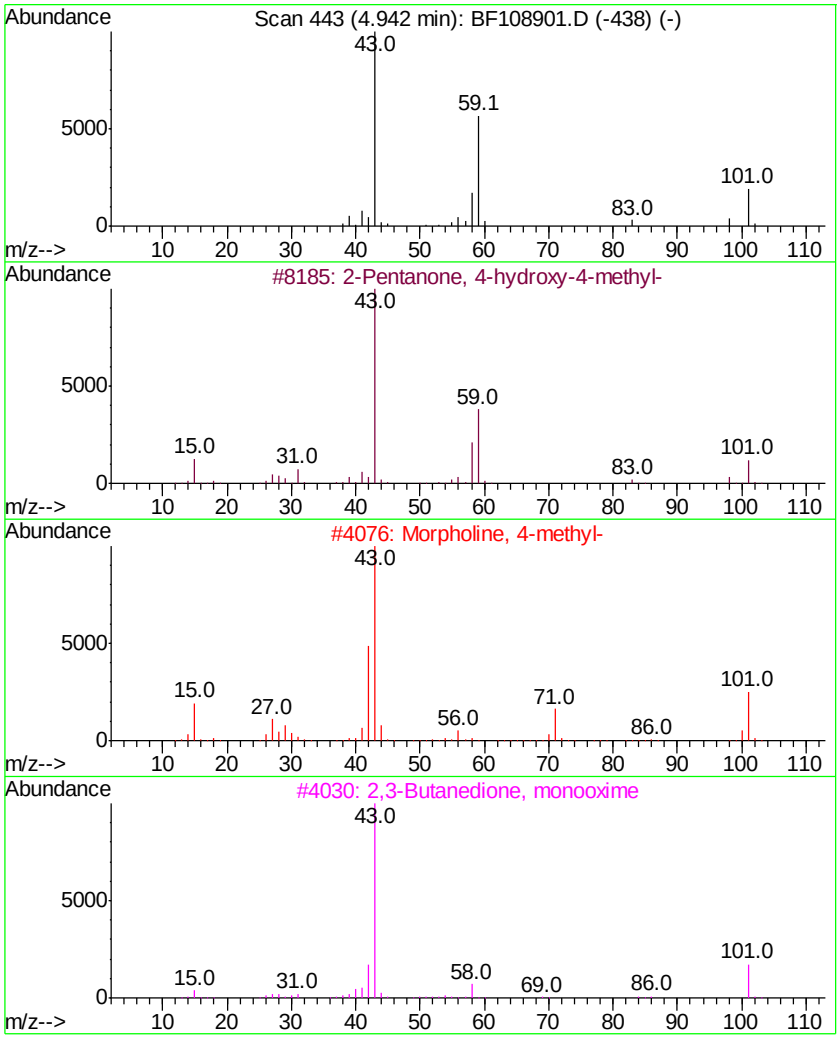
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

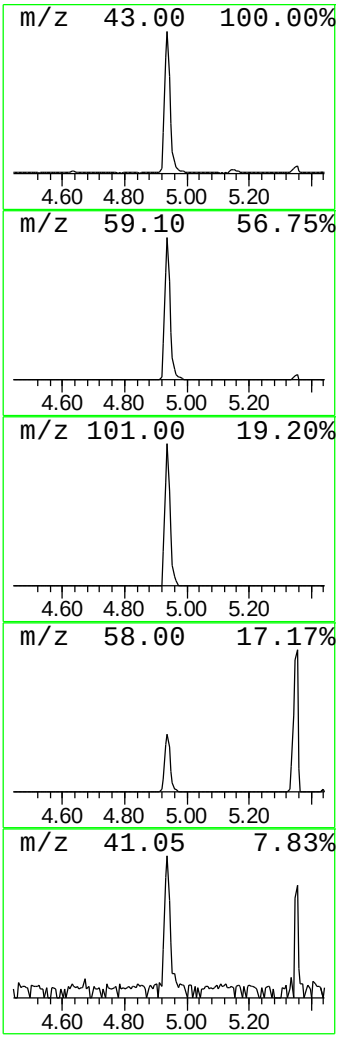
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	2.74 ng	146260	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Data File : BF108901.D
Acq On : 10 Sep 2018 18:57
Operator : JU/SJ
Sample : J4829-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-STONES-3-4FT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

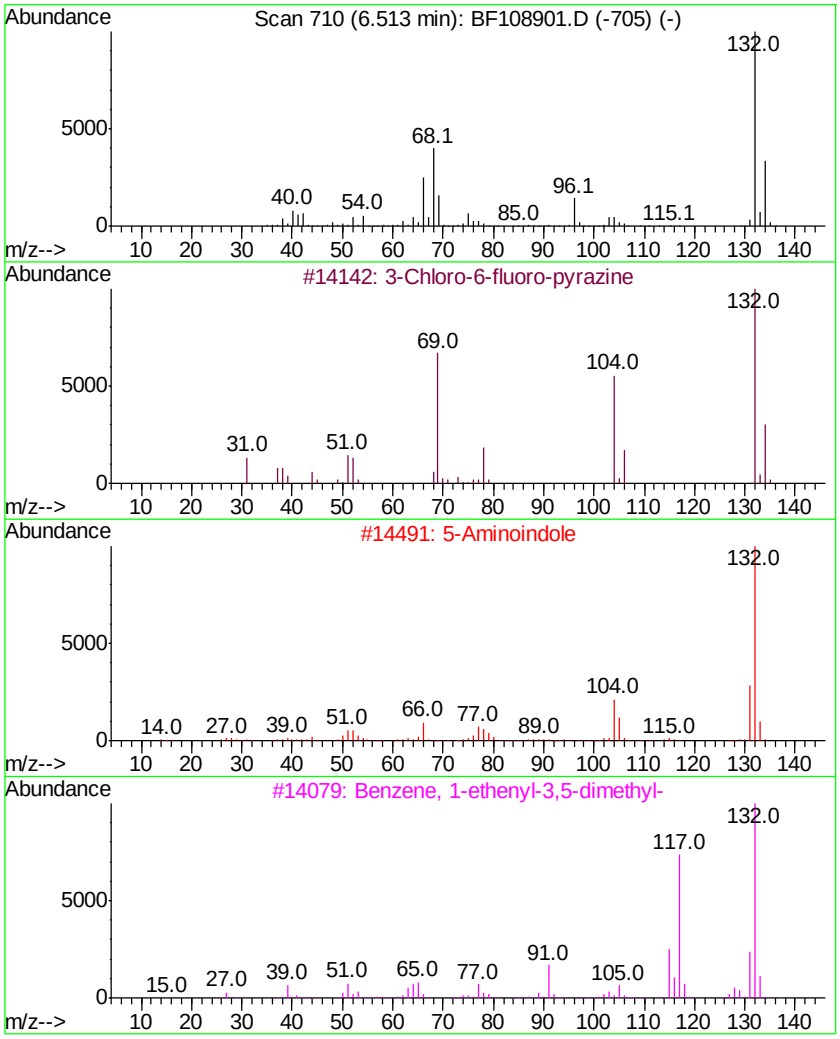
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

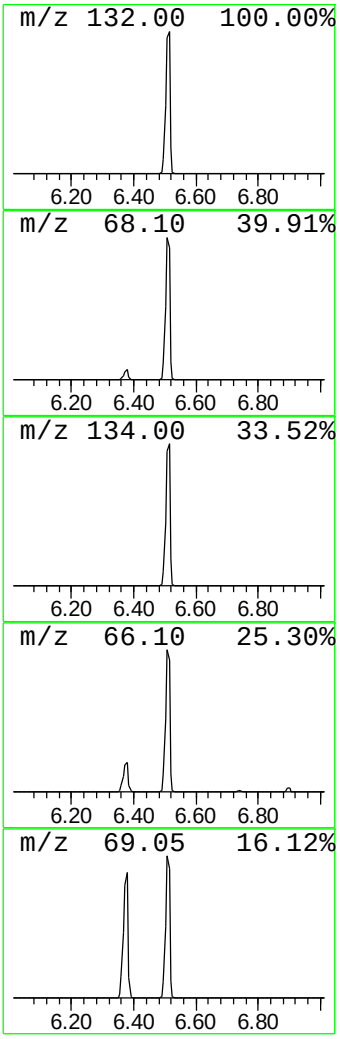
****

Peak Number 2 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	64.42 ng	3432850	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	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\BF091018\
Data File : BF108901.D
Acq On : 10 Sep 2018 18:57
Operator : JU/SJ
Sample : J4829-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-STONES-3-4FT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

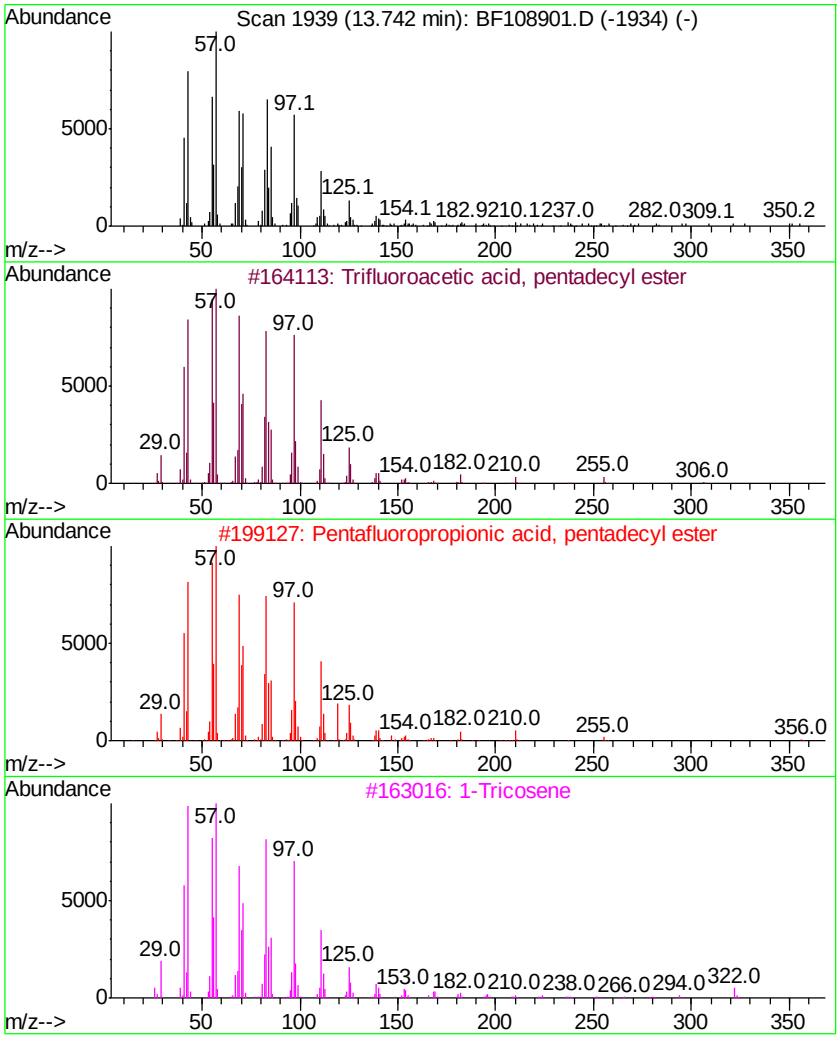
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

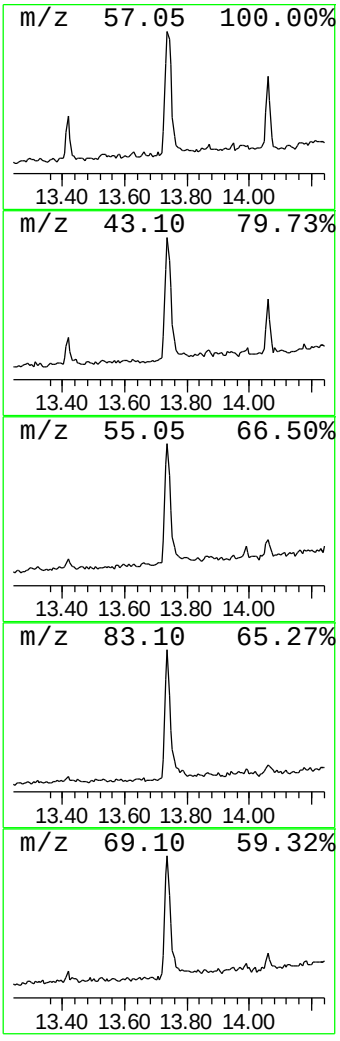
****

Peak Number 4 Trifluoroacetic acid, penta... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	8.28 ng	514022	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	1-Tricosene	322	C23H46	018835-32-0	93
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108901.D
Acq On : 10 Sep 2018 18:57
Operator : JU/SJ
Sample : J4829-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES-3-4FT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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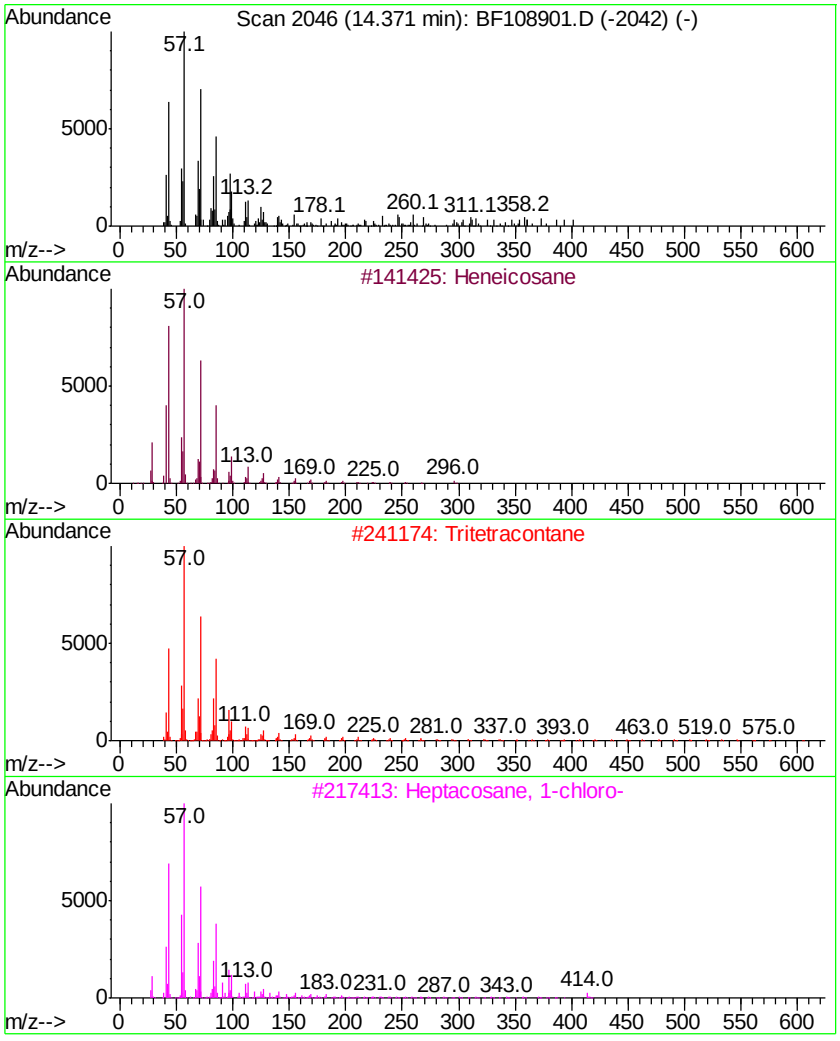
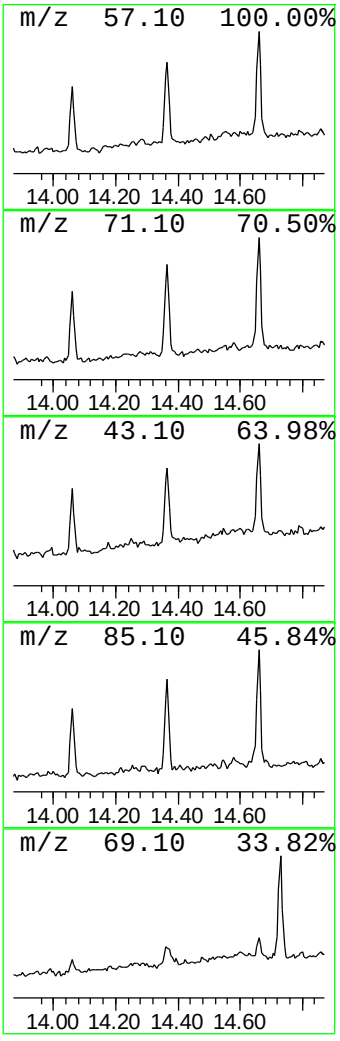
Peak Number 5 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	2.23 ng	138476	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Tritetracontane	605	C43H88	007098-21-7	91
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Tetratetracontane	619	C44H90	007098-22-8	80





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Sample : J4829-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES-3-4FT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
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TIC Library : C:\DATABASE\NIST11.L
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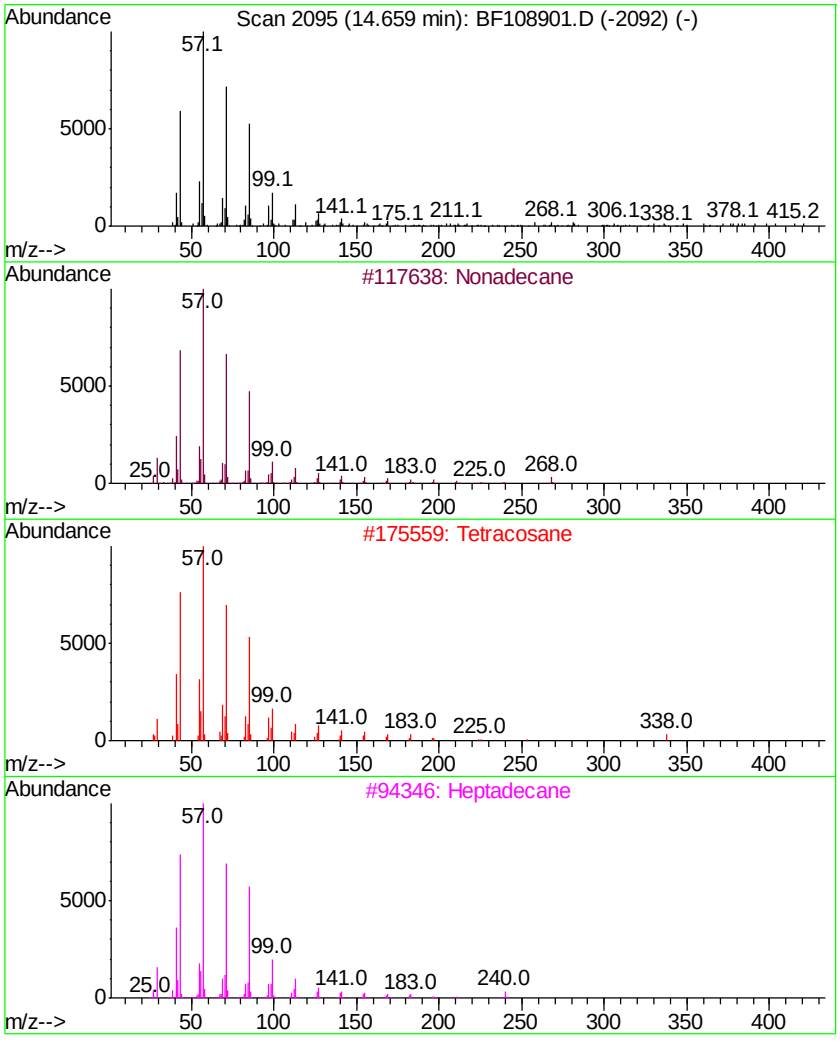
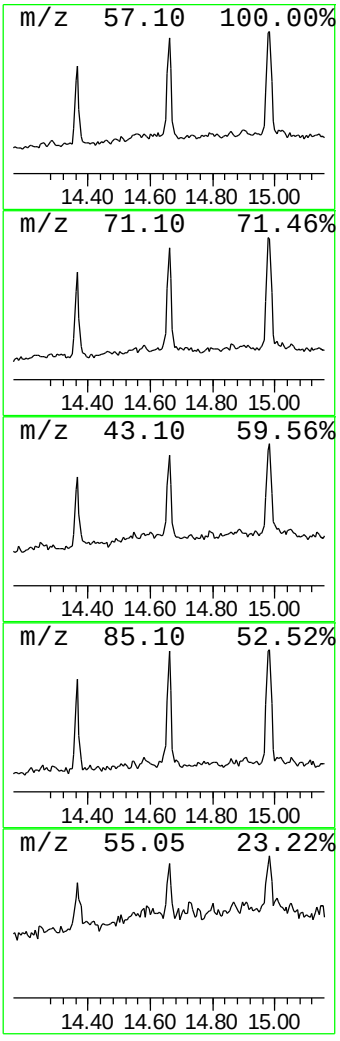
****

Peak Number 6 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	3.48 ng	143358	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tetracosane	338	C24H50	000646-31-1	83
3	Heptadecane	240	C17H36	000629-78-7	83
4	Hexacosane	366	C26H54	000630-01-3	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Library Search Compound Report

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Sample : J4829-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES-3-4FT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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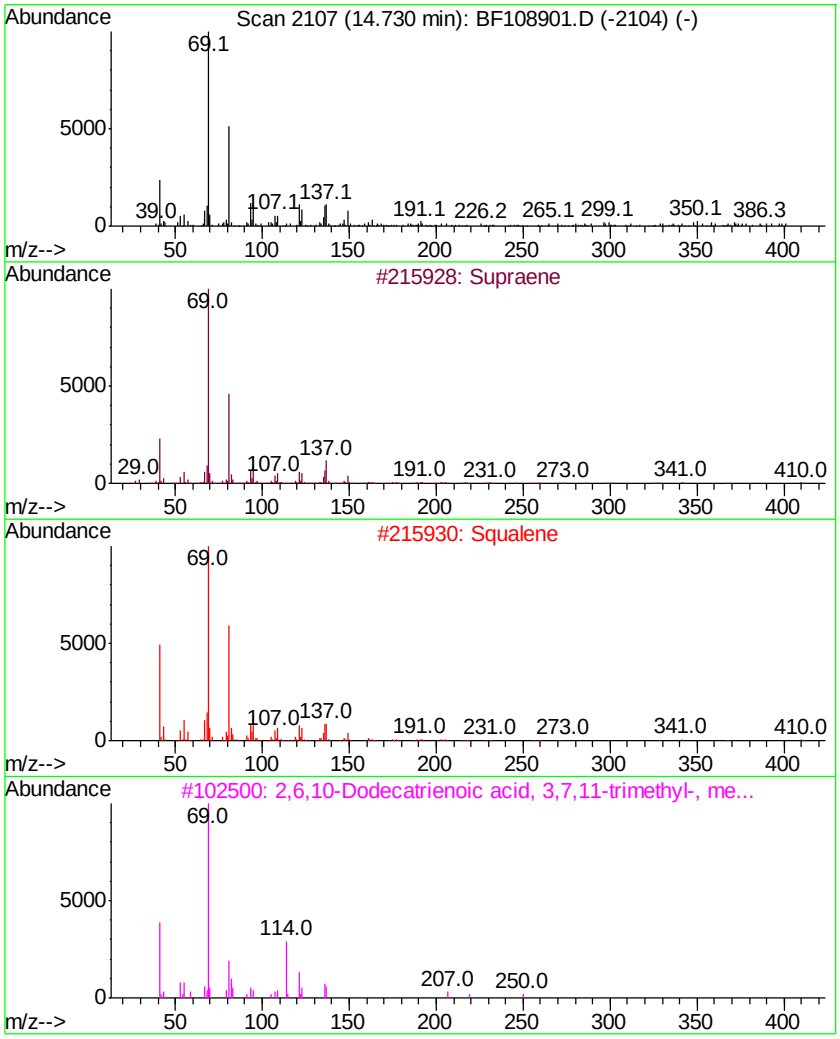
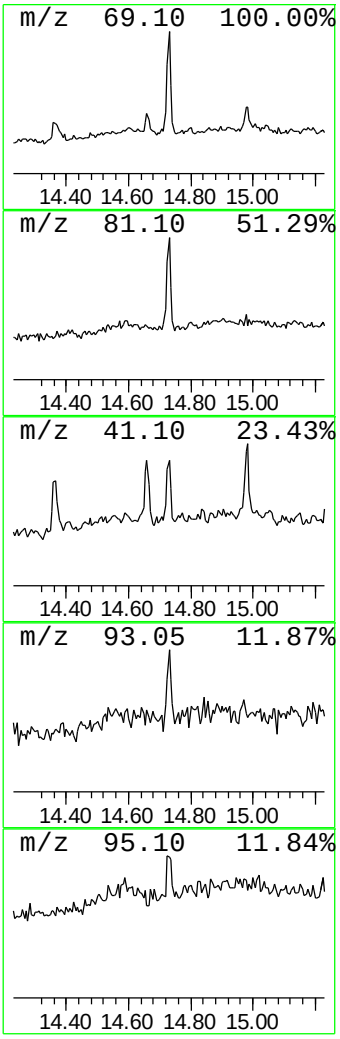
Peak Number 7 Supraene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.10 ng	86438	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	87
2	Squalene	410	C30H50	000111-02-4	87
3	2,6,10-Dodecatrienoic acid, 3,7,...	250	C16H26O2	003675-00-1	72
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	72
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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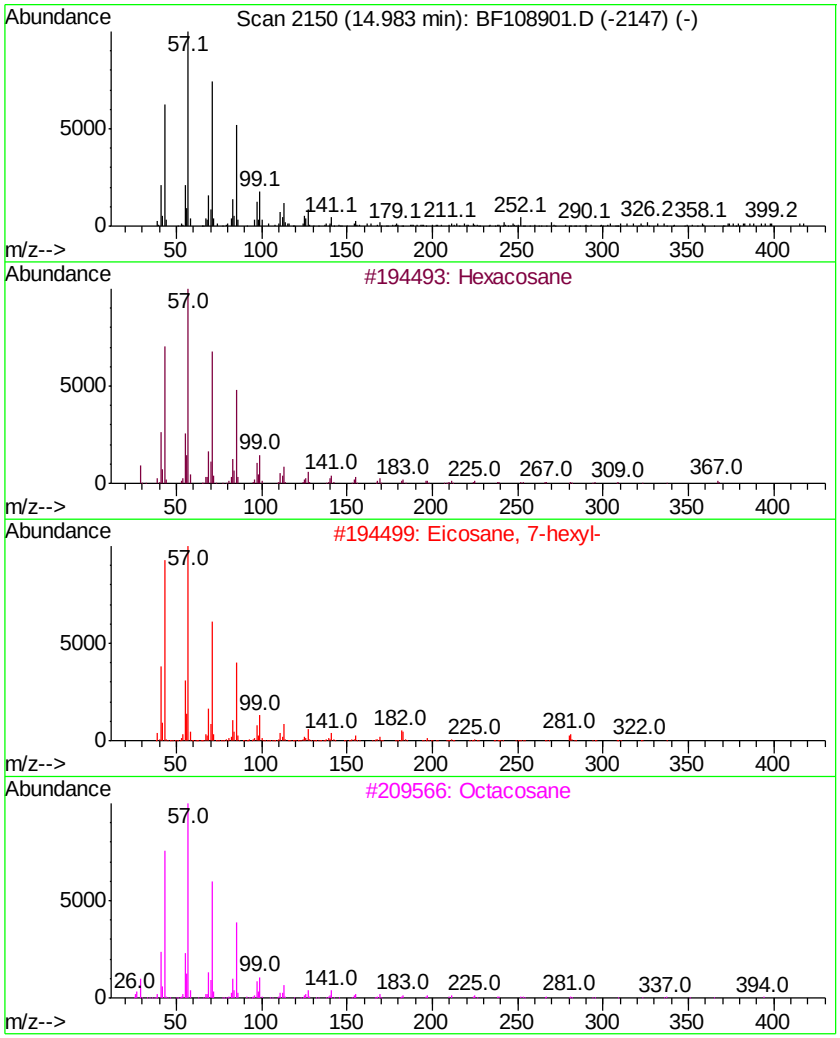
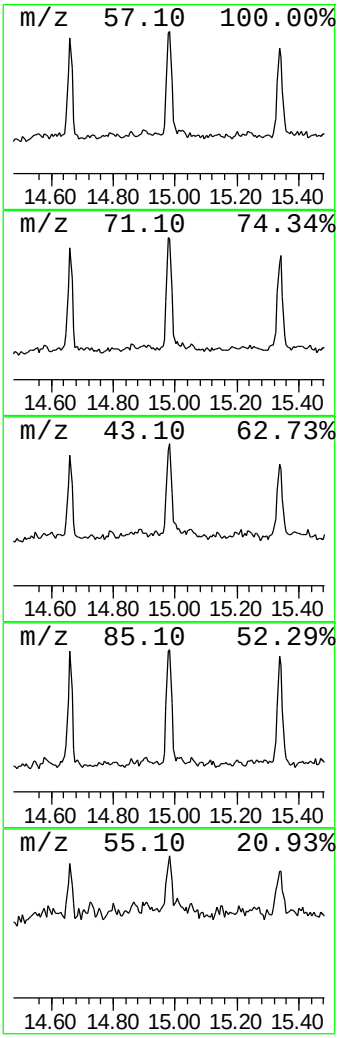
Peak Number 8 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	3.85 ng	158566	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
3	Octacosane	394	C28H58	000630-02-4	86
4	2-methyloctacosane	408	C29H60	1000376-72-8	86
5	Hexadecane	226	C16H34	000544-76-3	83





Tentatively Identified Compound (LSC) summary

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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...	4.94	2.7	ng	146260	1	6.74	1065710	20.0
unknown6.51	6.51	64.4	ng	3432850	1	6.74	1065710	20.0
Trifluoroacetic a...	13.74	8.3	ng	514022	5	13.88	1241220	20.0
Heneicosane	14.37	2.2	ng	138476	5	13.88	1241220	20.0
Nonadecane	14.66	3.5	ng	143358	6	15.29	823002	20.0
Supraene	14.73	2.1	ng	86438	6	15.29	823002	20.0
Hexacosane	14.98	3.9	ng	158566	6	15.29	823002	20.0