LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113988.D
Acq On : 25 Apr 2019 20:02
Operator : JU/SJ
Sample : K2555-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-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-BF042219.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	2.152	6	11	17	rBV	162371	206767	4.45%	0.793%
2	5.510	578	582	595	rBV	1310094	1262128	27.16%	4.839%
3	6.516	749	753	766	rBV	1098274	934199	20.10%	3.582%
4	6.663	774	778	782	rBV	2582924	2320717	49.94%	8.898%
5	6.892	814	817	821	rBV	681932	578141	12.44%	2.217%
6	7.051	840	844	848	rBV	2494361	2147200	46.20%	8.233%
7	7.451	908	912	915	rBV	1774700	1672752	35.99%	6.414%
8	8.175	1031	1035	1049	rBV	788897	736578	15.85%	2.824%
9	9.251	1214	1218	1221	rBV	4095378	3454643	74.34%	13.246%
10	9.933	1330	1334	1347	rBV	879260	923689	19.88%	3.542%
11	10.716	1463	1467	1486	rBV	2347686	2543705	54.74%	9.753%
12	11.416	1582	1586	1594	rBV	1169699	1045455	22.50%	4.009%
13	11.939	1671	1675	1679	rBV	150737	148095	3.19%	0.568%
14	12.722	1805	1808	1819	rBV2	65766	85607	1.84%	0.328%
15	13.004	1851	1856	1859	rBV	4456397	4647214	100.00%	17.818%
16	14.051	2030	2034	2050	rVB	1174558	1242287	26.73%	4.763%
17	14.527	2110	2115	2119	rBV2	89749	94219	2.03%	0.361%
18	14.845	2165	2169	2172	rBV	147032	147931	3.18%	0.567%
19	15.186	2223	2227	2232	rBV	185493	200565	4.32%	0.769%
20	15.545	2282	2288	2291	rBV	772434	1086545	23.38%	4.166%
21	15.574	2291	2293	2304	rVB	194717	228661	4.92%	0.877%
22	16.021	2363	2369	2375	rBV	132280	195597	4.21%	0.750%
23	16.539	2450	2457	2464	rBV	70325	126845	2.73%	0.486%
24	17.145	2554	2560	2566	rVB5	23542	51411	1.11%	0.197%

Sum of corrected areas: 26080951

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
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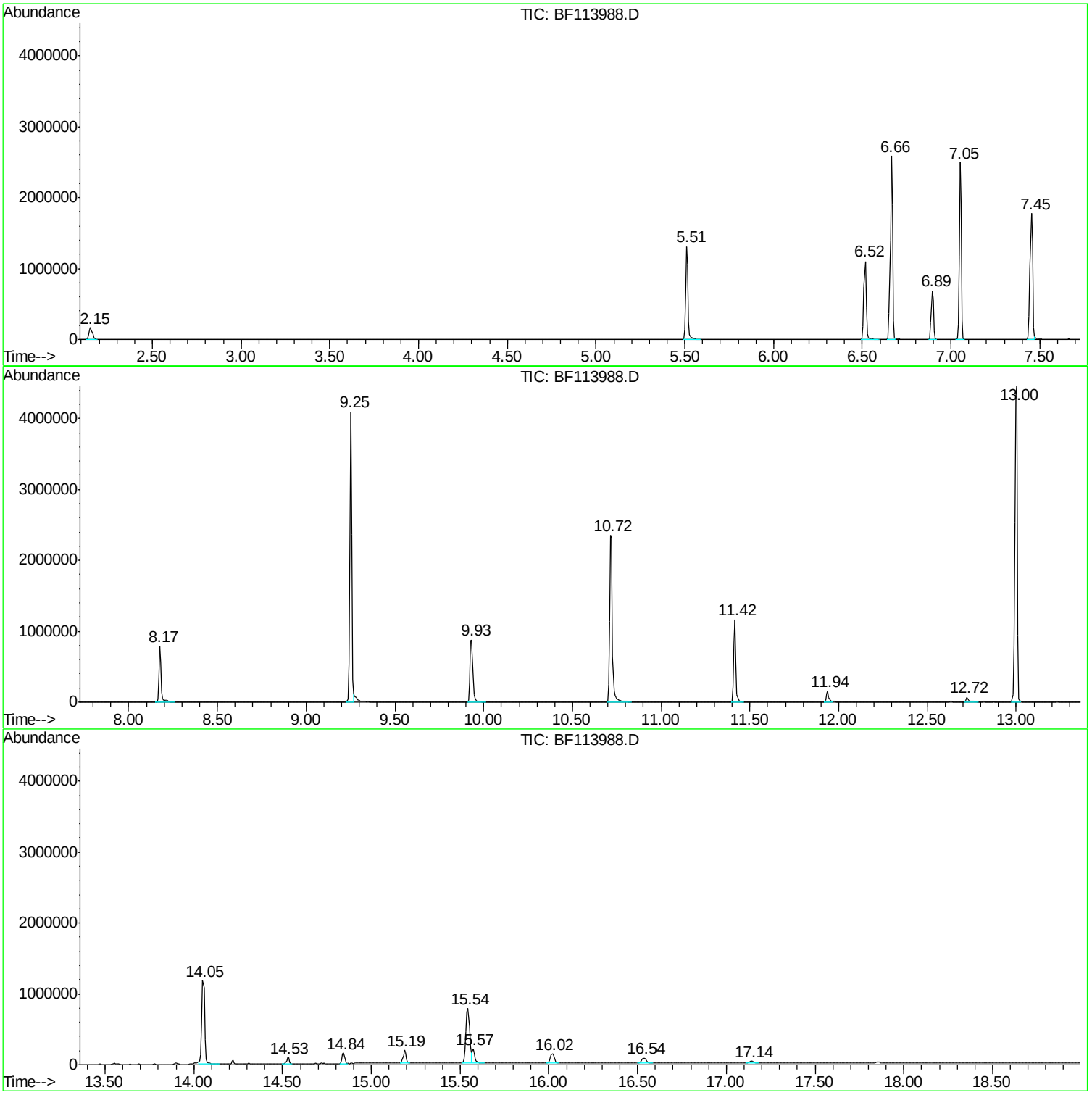
Operator : JU/SJ
Sample : K2555-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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\BF042519\
Data File : BF113988.D
Acq On : 25 Apr 2019 20:02
Operator : JU/SJ
Sample : K2555-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-12

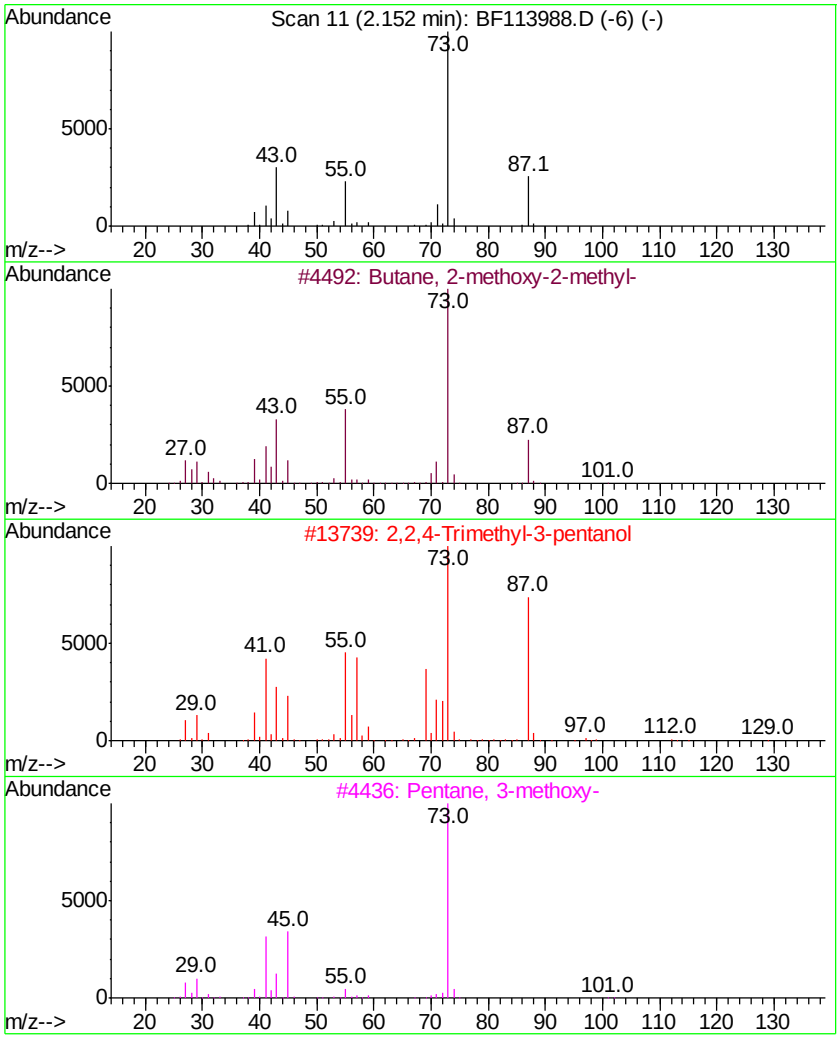
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

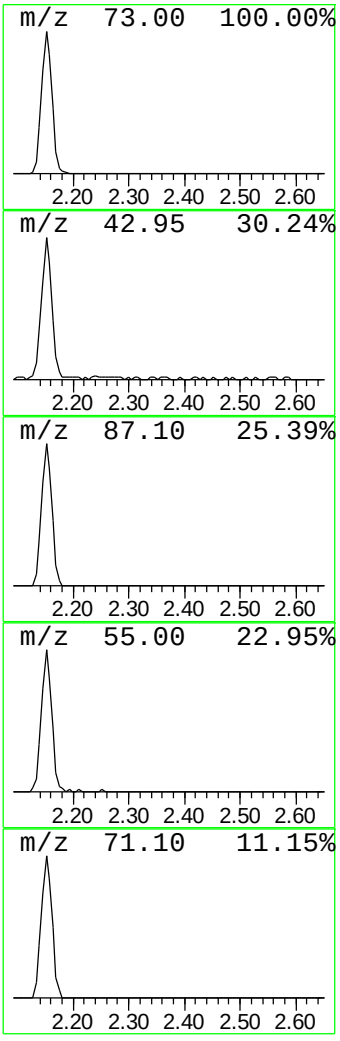
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	7.15 ng	206767	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Acq On : 25 Apr 2019 20:02
Operator : JU/SJ
Sample : K2555-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

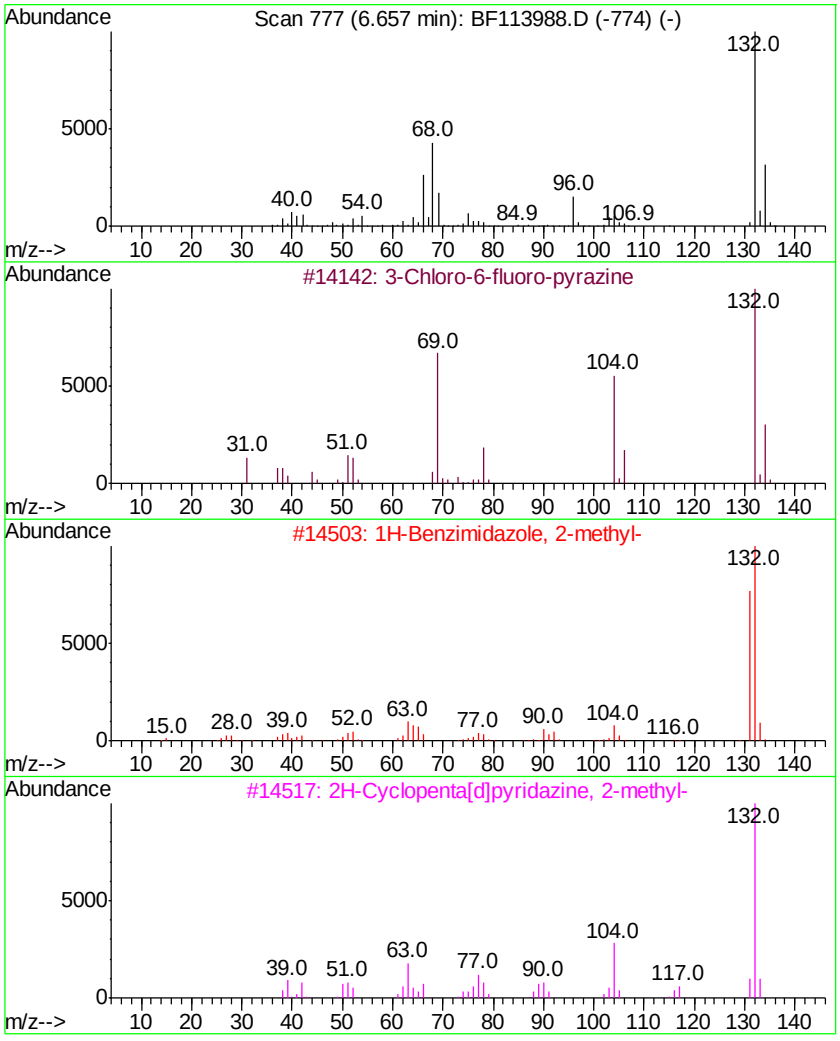
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

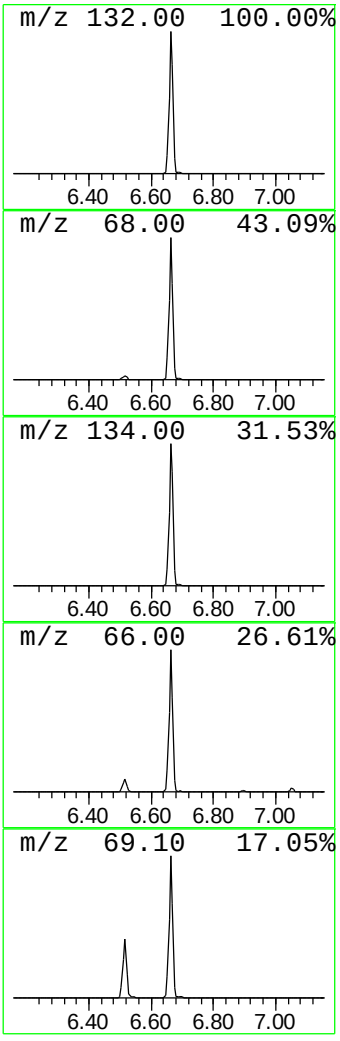
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	80.28 ng	2320720	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113988.D
Acq On : 25 Apr 2019 20:02
Operator : JU/SJ
Sample : K2555-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

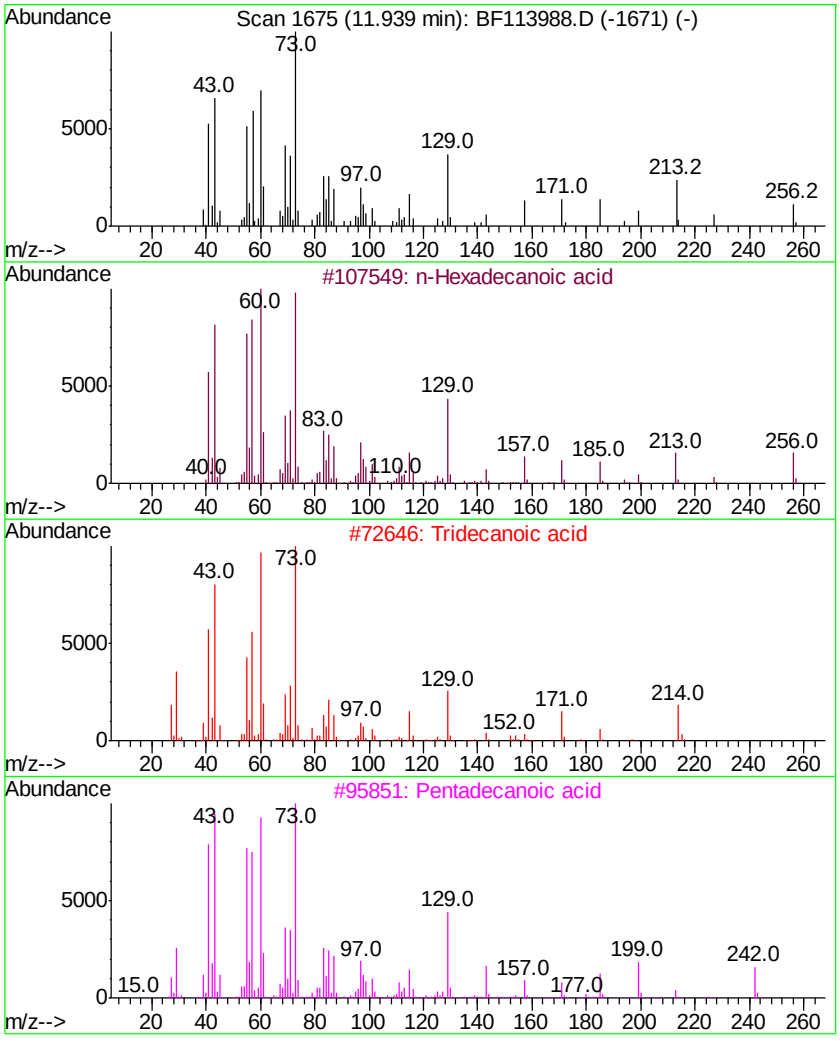
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

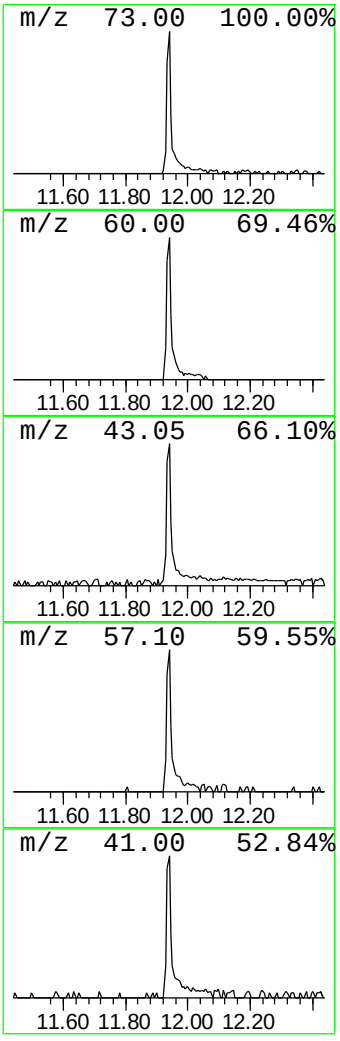
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.83 ng	148095	Phenanthrene-d10	11.42

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	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113988.D
Acq On : 25 Apr 2019 20:02
Operator : JU/SJ
Sample : K2555-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

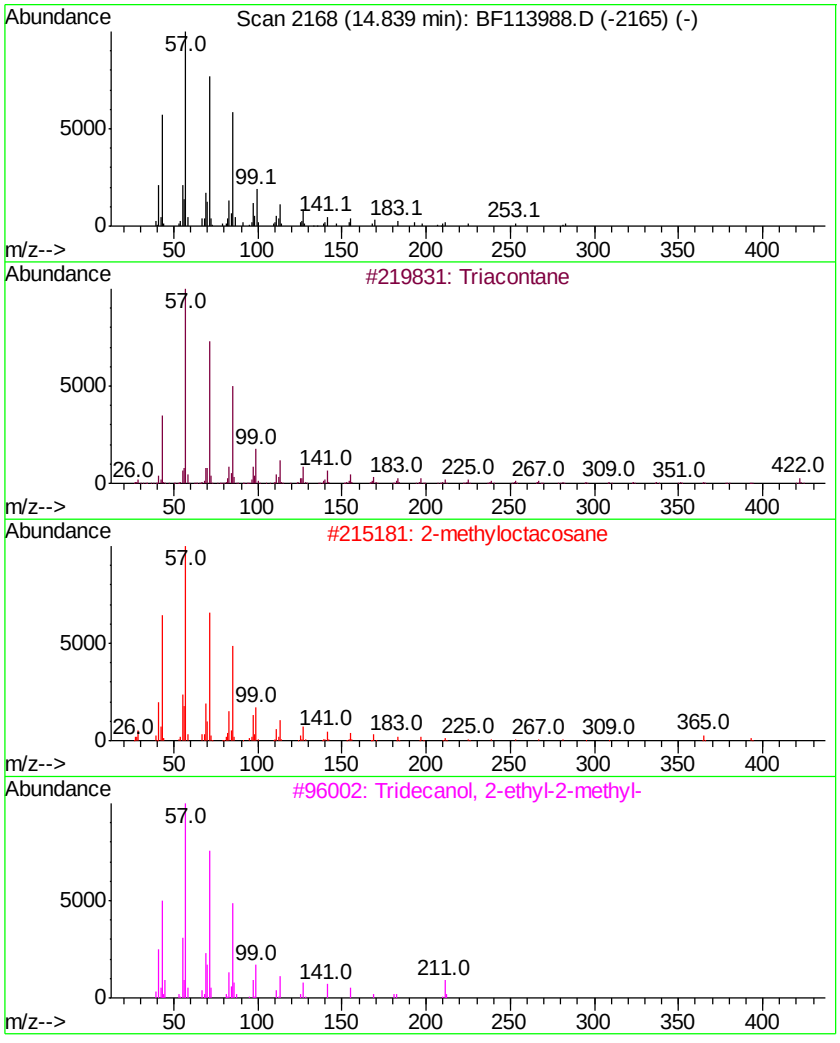
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

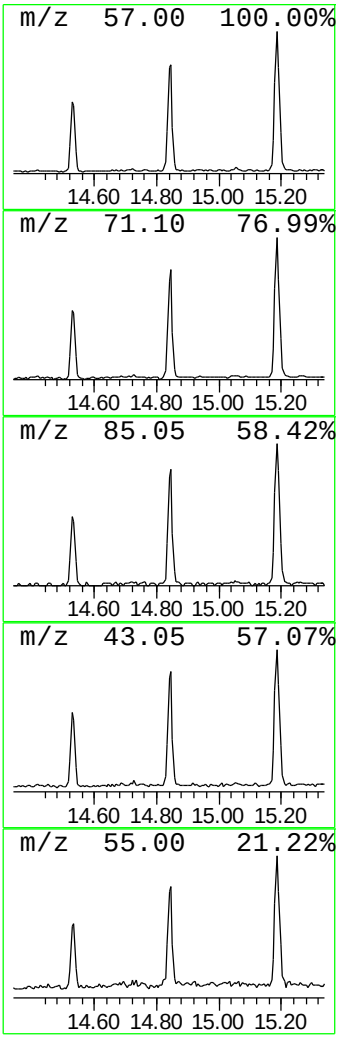
****

Peak Number 5 Triacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.72 ng	147931	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113988.D
Acq On : 25 Apr 2019 20:02
Operator : JU/SJ
Sample : K2555-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

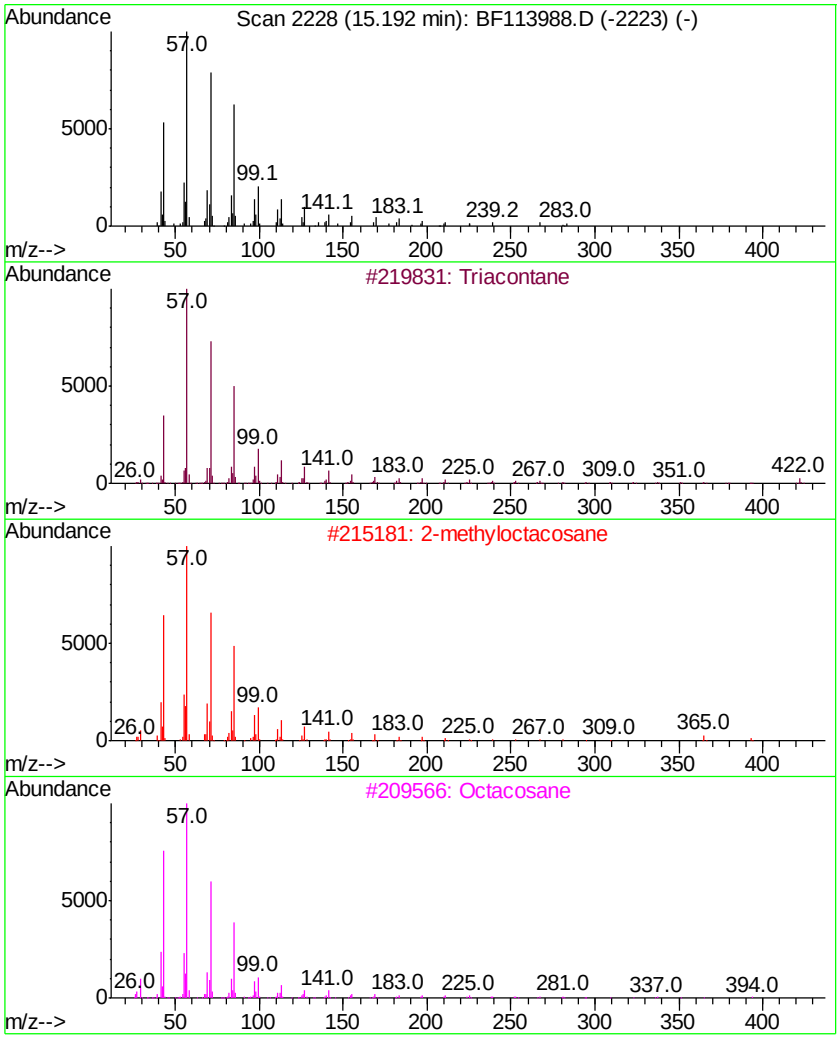
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

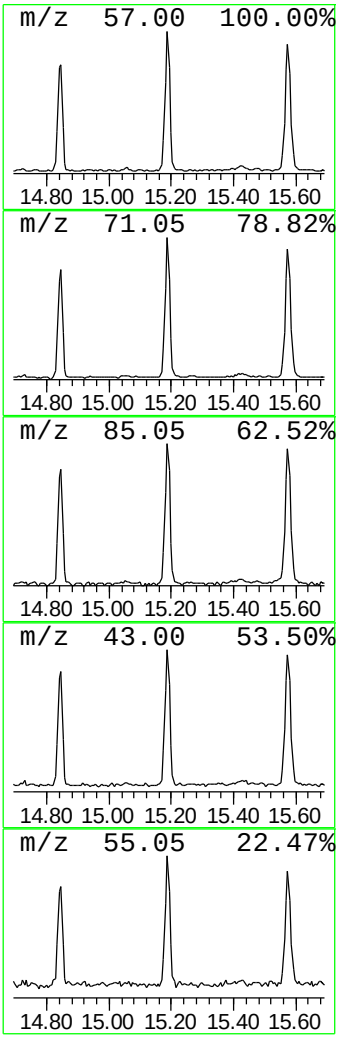
****

Peak Number 6 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	3.69 ng	200565	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Operator : JU/SJ
Sample : K2555-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

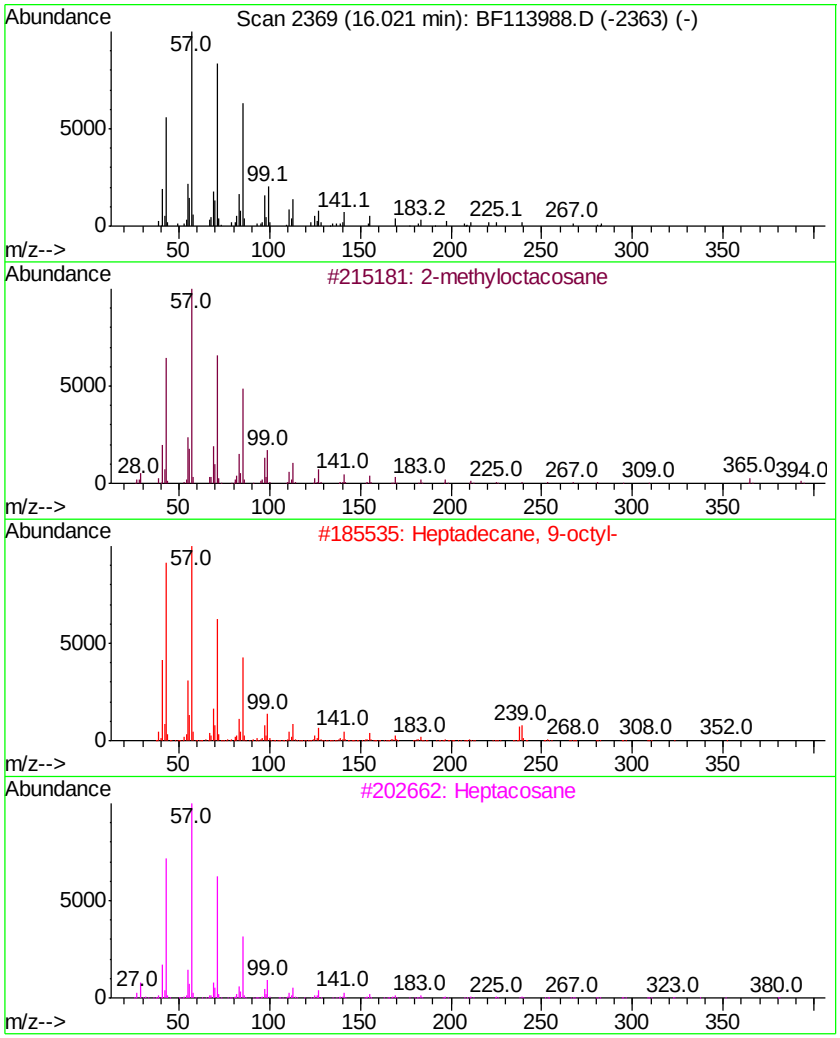
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

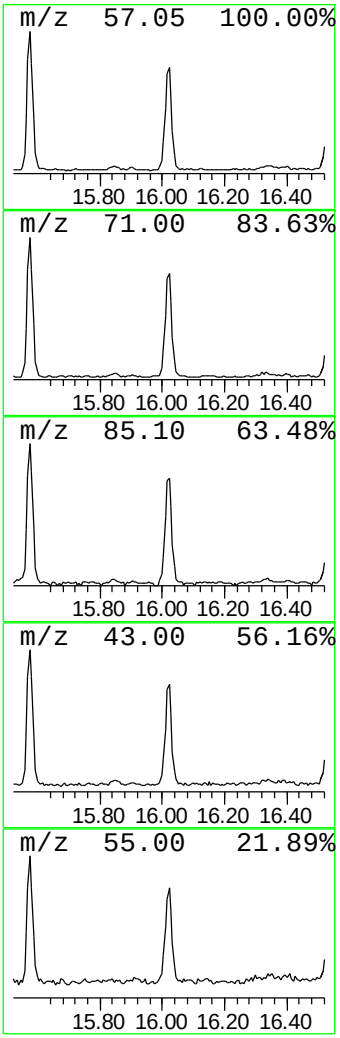
****

Peak Number 7 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	3.60 ng	195597	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Misc :
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Instrument : BNA_F
ClientSampleId : HW-12

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

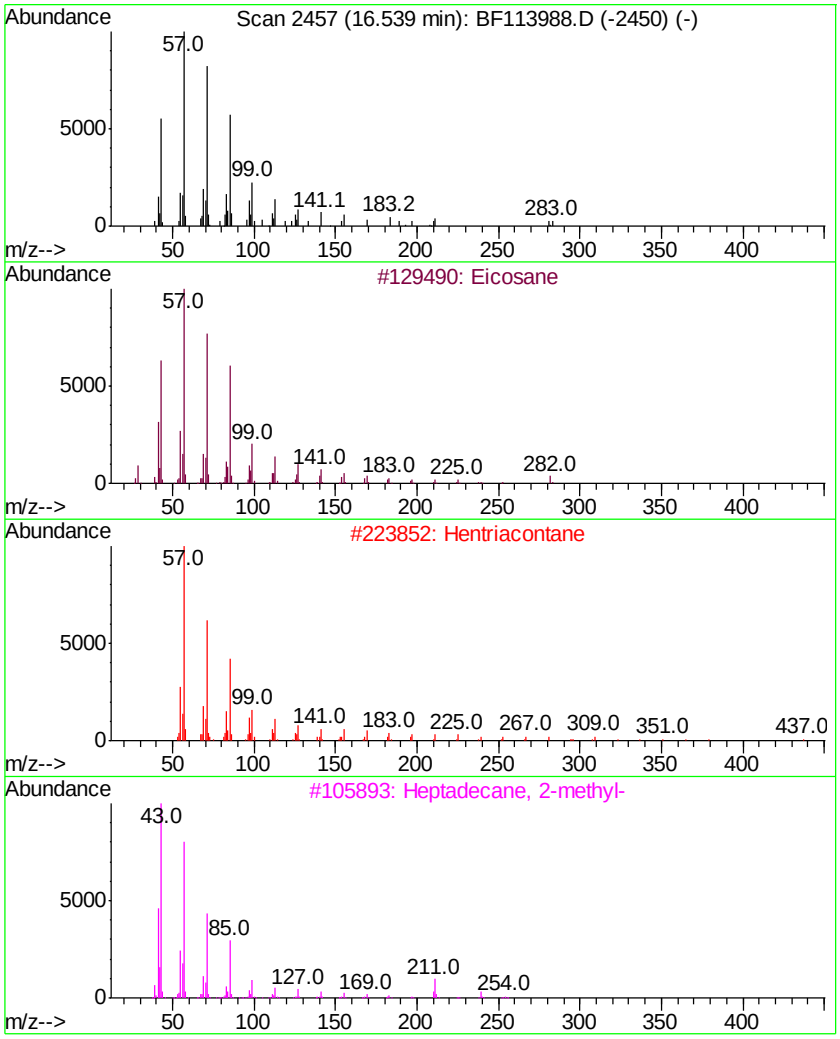
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

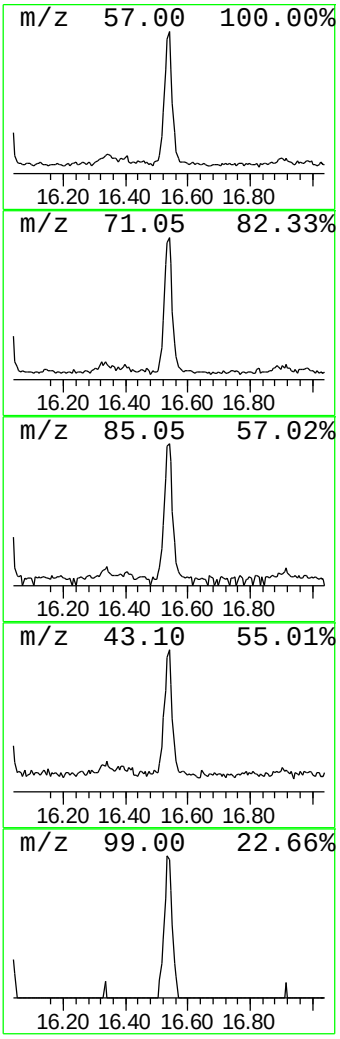
****

Peak Number 8 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	2.33 ng	126845	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hentriacontane	437	C31H64	000630-04-6	94
3	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Triacontane	422	C30H62	000638-68-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042519\
Data File : BF113988.D
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Misc :
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Instrument : BNA_F
ClientSampleId : HW-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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...	2.15	7.2	ng	206767	1	6.89	578141	20.0
unknown6.66	6.66	80.3	ng	2320720	1	6.89	578141	20.0
n-Hexadecanoic acid	11.94	2.8	ng	148095	4	11.42	1045460	20.0
Triacontane	14.84	2.7	ng	147931	6	15.54	1086550	20.0
Octacosane	15.19	3.7	ng	200565	6	15.54	1086550	20.0
2-methyloctacosane	16.02	3.6	ng	195597	6	15.54	1086550	20.0
Eicosane	16.54	2.3	ng	126845	6	15.54	1086550	20.0