LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098017.D
Acq On : 24 Aug 2017 22:22
Operator : SJ/JU
Sample : I4925-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RWB-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:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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	3.728	274	279	284	rVB	64024	89506	2.35%	0.305%
2	4.939	481	485	498	rVB	278253	415148	10.90%	1.416%
3	5.345	549	554	558	rBV	2951954	3521883	92.48%	12.016%
4	6.375	723	729	732	rBV	3076175	3808353	100.00%	12.993%
5	6.510	746	752	755	rBV	3228619	3410588	89.56%	11.636%
6	6.739	787	791	794	rBV	822713	748647	19.66%	2.554%
7	6.892	813	817	821	rBV	2516208	2381936	62.55%	8.127%
8	7.304	881	887	890	rBV	2154564	2165617	56.86%	7.389%
9	8.022	1004	1009	1012	rBV	1062959	954673	25.07%	3.257%
10	9.098	1186	1192	1195	rBV	3105887	2828303	74.27%	9.650%
11	9.492	1254	1259	1269	rVB	659772	563262	14.79%	1.922%
12	9.769	1301	1306	1310	rBV	991539	972980	25.55%	3.320%
13	10.557	1435	1440	1444	rBV	1817972	1955932	51.36%	6.673%
14	10.680	1458	1461	1469	rVB2	37305	57462	1.51%	0.196%
15	11.251	1554	1558	1561	rBV	1155803	966084	25.37%	3.296%
16	12.457	1760	1763	1767	rVB	45951	41408	1.09%	0.141%
17	12.839	1823	1828	1831	rBV	2506453	2294121	60.24%	7.827%
18	13.739	1977	1981	1988	rVB5	40337	62335	1.64%	0.213%
19	13.880	2001	2005	2009	rBV	843726	801839	21.05%	2.736%
20	15.298	2241	2246	2251	rBV	547778	655521	17.21%	2.237%
21	15.339	2251	2253	2258	rVB	37952	49924	1.31%	0.170%
22	15.751	2319	2323	2328	rBV	52817	75375	1.98%	0.257%
23	15.968	2356	2360	2369	rVB10	17287	39505	1.04%	0.135%
24	16.221	2396	2403	2410	rBV2	56103	111532	2.93%	0.381%
25	16.780	2492	2498	2504	rBV	45826	89054	2.34%	0.304%
26	17.433	2603	2609	2617	rVB2	44584	105536	2.77%	0.360%
27	18.209	2733	2741	2750	rVB4	24033	72195	1.90%	0.246%
28	19.133	2890	2898	2911	rVB6	20334	71209	1.87%	0.243%

Sum of corrected areas: 29309928

LSC Report - Integrated Chromatogram

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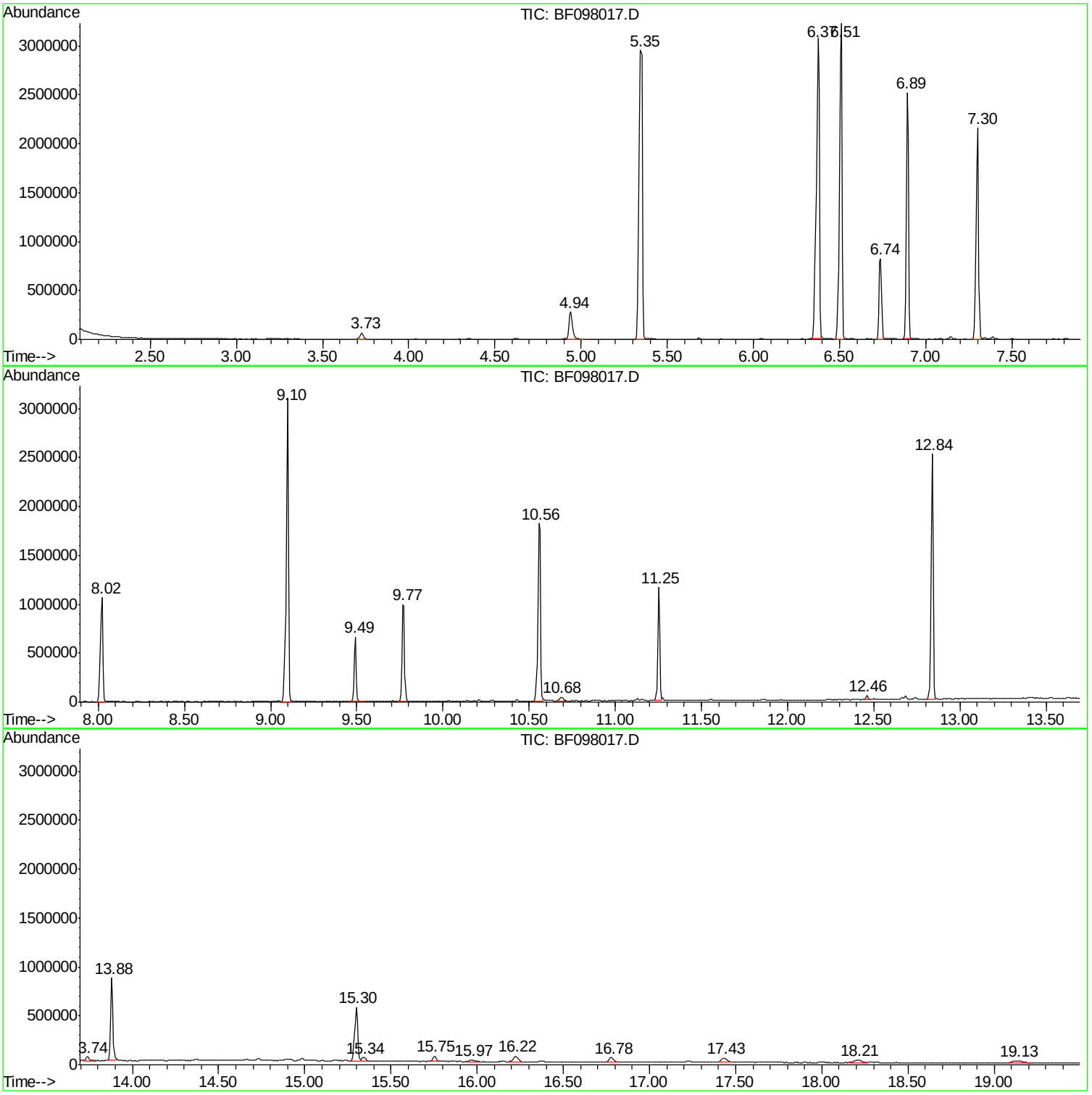
Operator : SJ/JU
Sample : I4925-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RWB-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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

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

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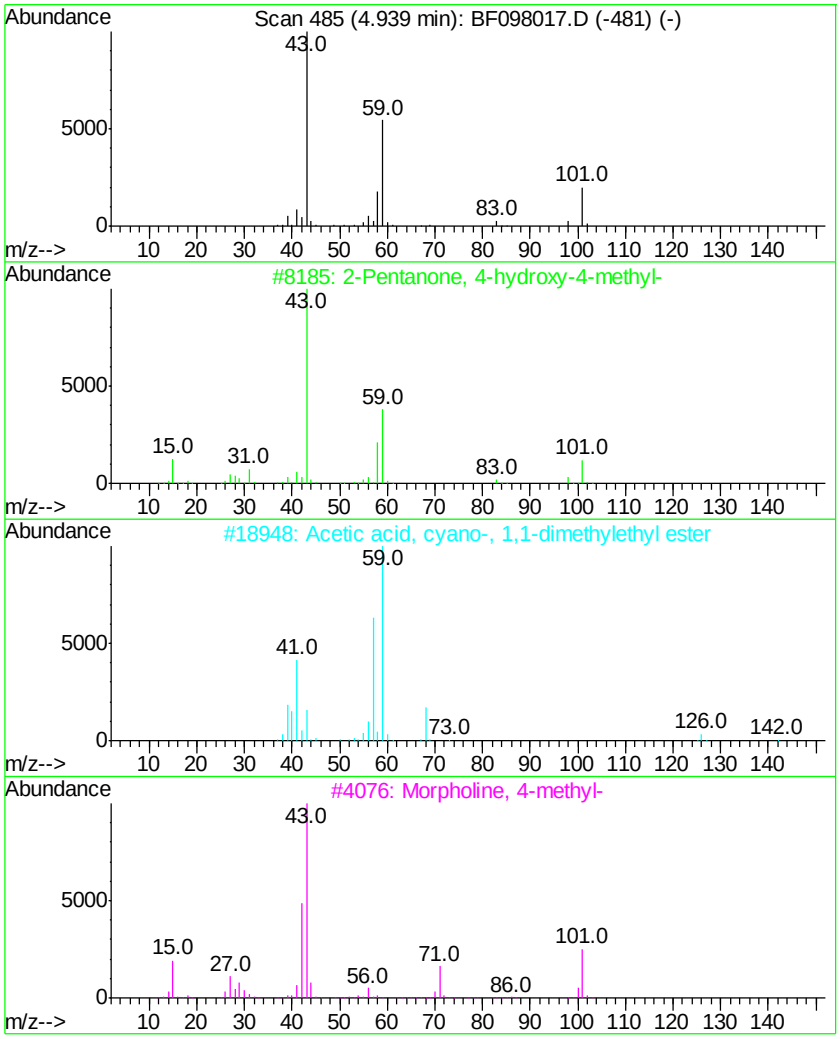
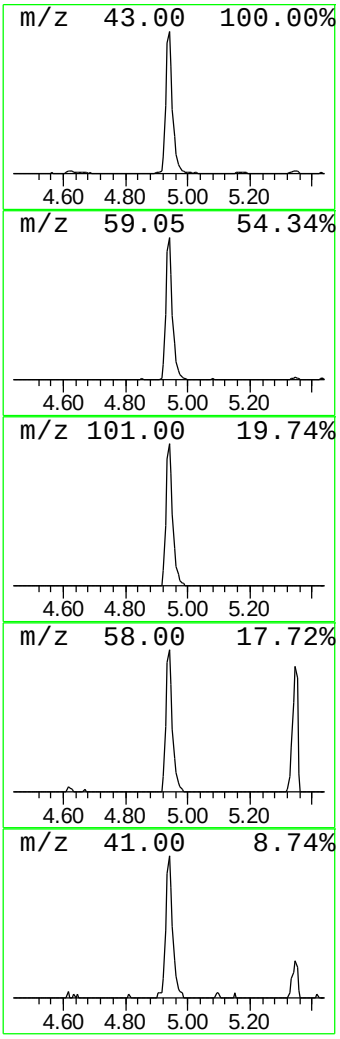
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	11.09 ng	415148	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	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

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Data File : BF098017.D
Acq On : 24 Aug 2017 22:22
Operator : SJ/JU
Sample : I4925-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RWB-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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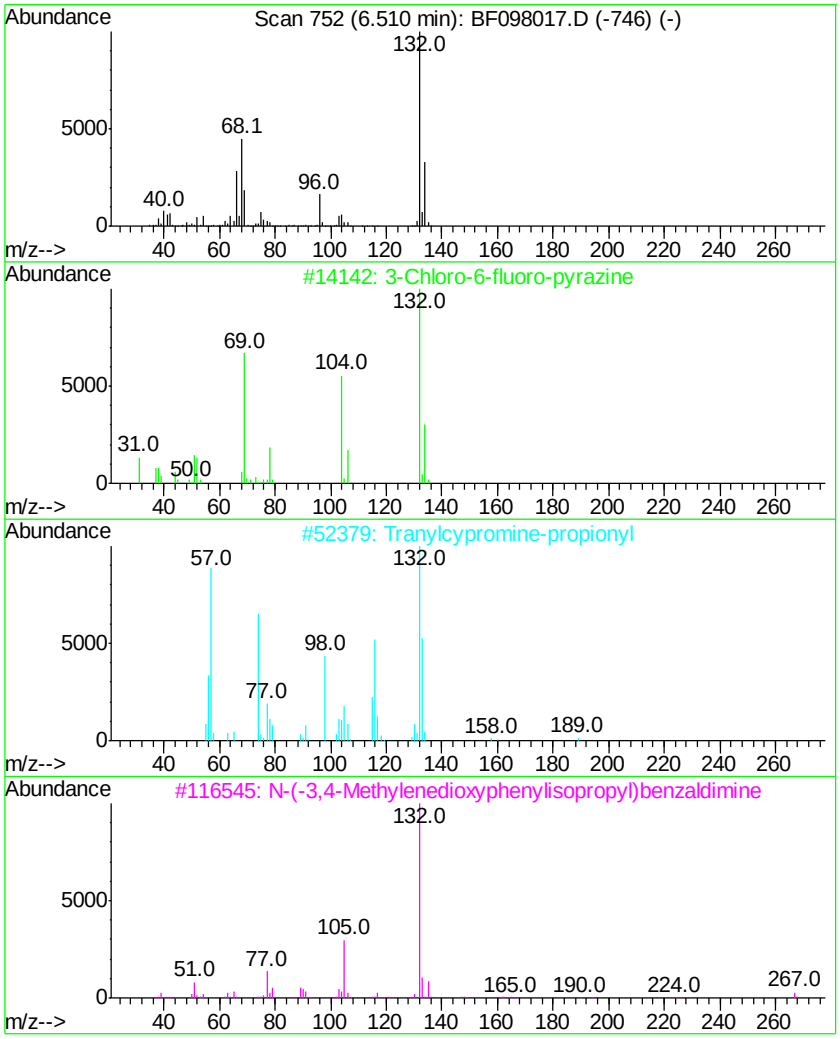
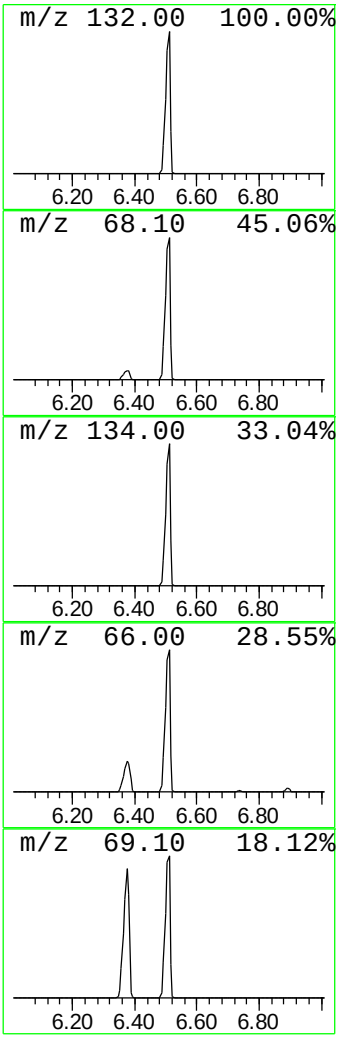
Peak Number 3 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	91.11 ng	3410590	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
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Acq On : 24 Aug 2017 22:22
Operator : SJ/JU
Sample : I4925-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RWB-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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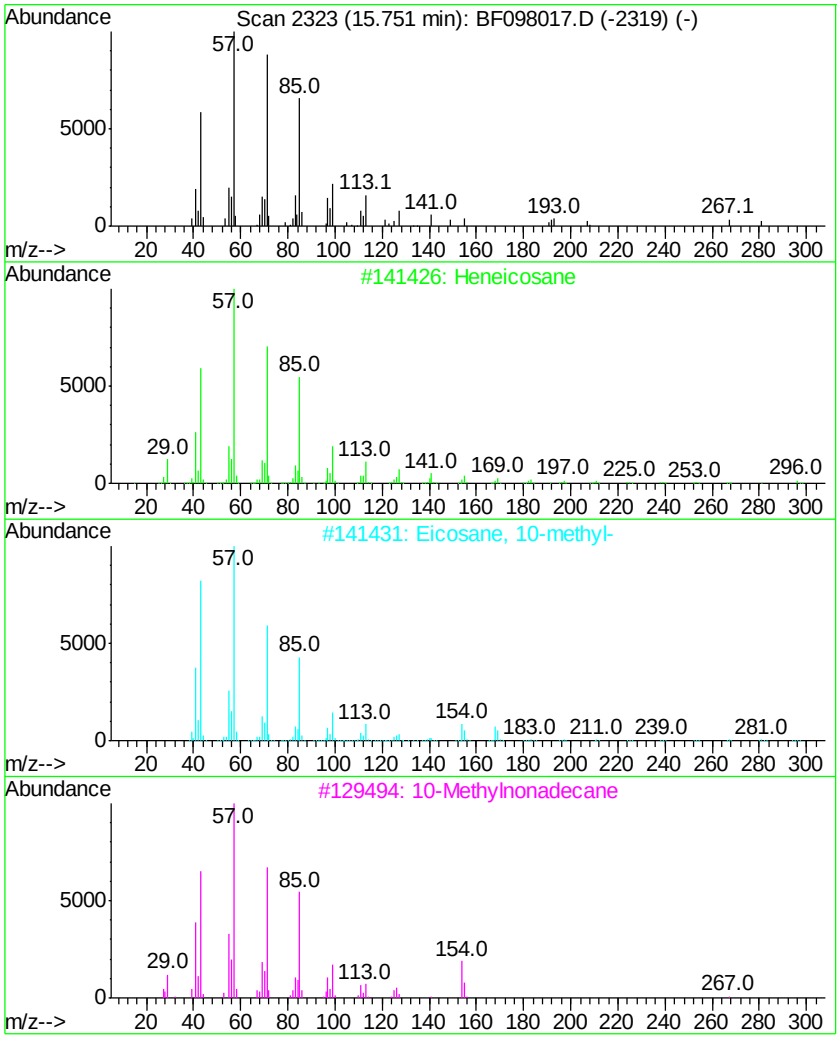
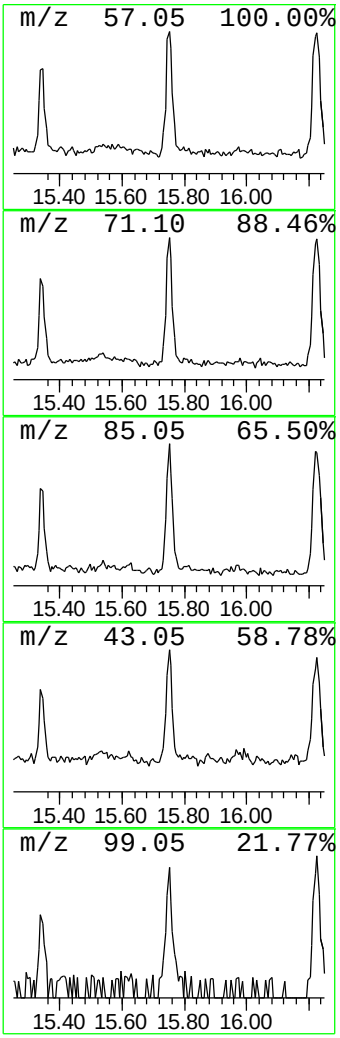
Peak Number 5 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	2.30 ng	75375	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
3	10-Methylnonadecane	282	C20H42	056862-62-5	86
4	Heptacosane	380	C27H56	000593-49-7	86
5	Hentriacontane	437	C31H64	000630-04-6	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
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Operator : SJ/JU
Sample : I4925-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RWB-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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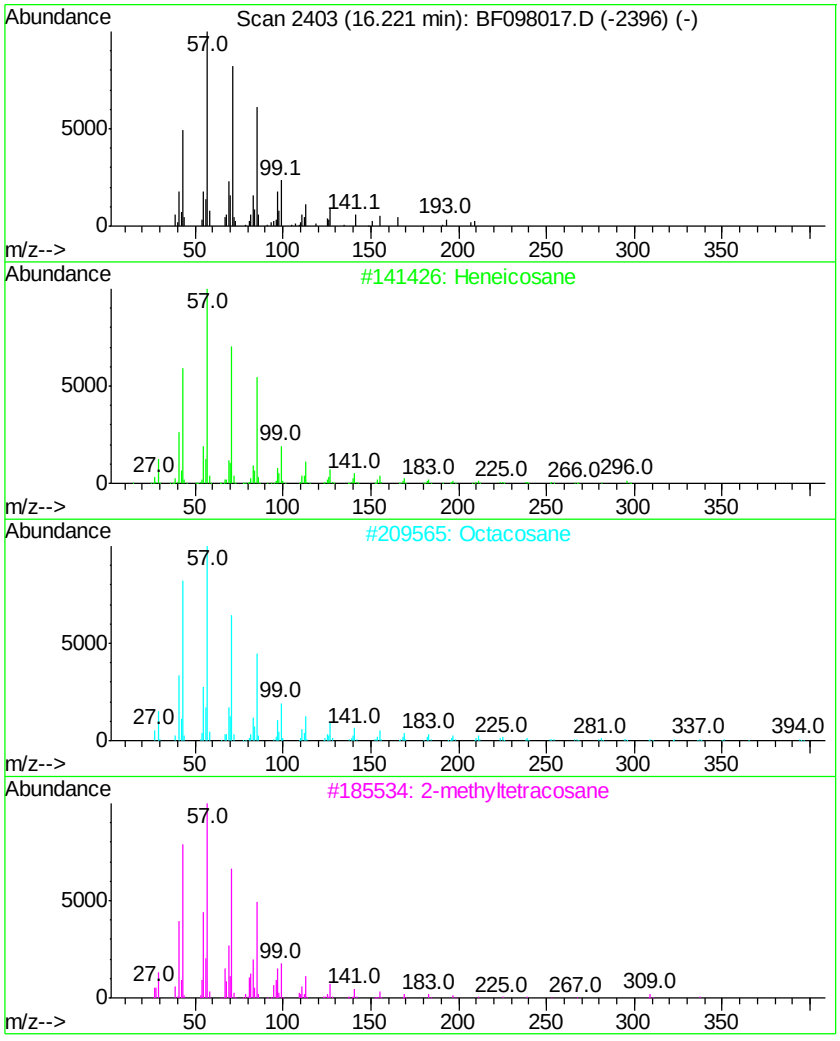
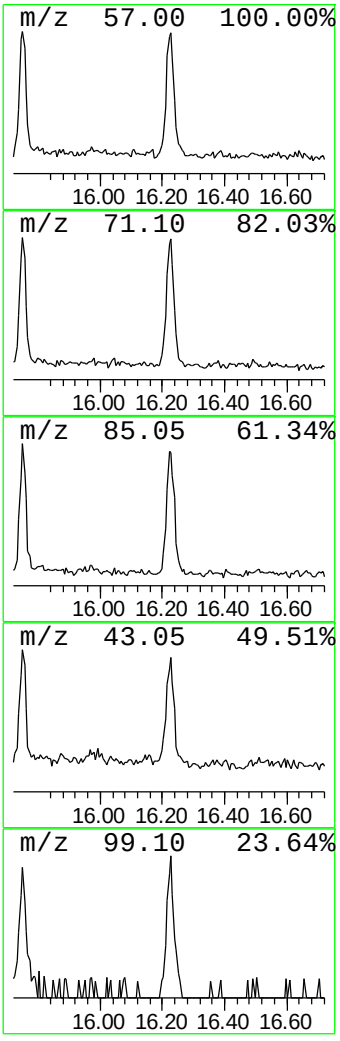
Peak Number 6 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	3.40 ng	111532	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyltetracosane	352	C25H52	1000376-72-6	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098017.D
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Operator : SJ/JU
Sample : I4925-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RWB-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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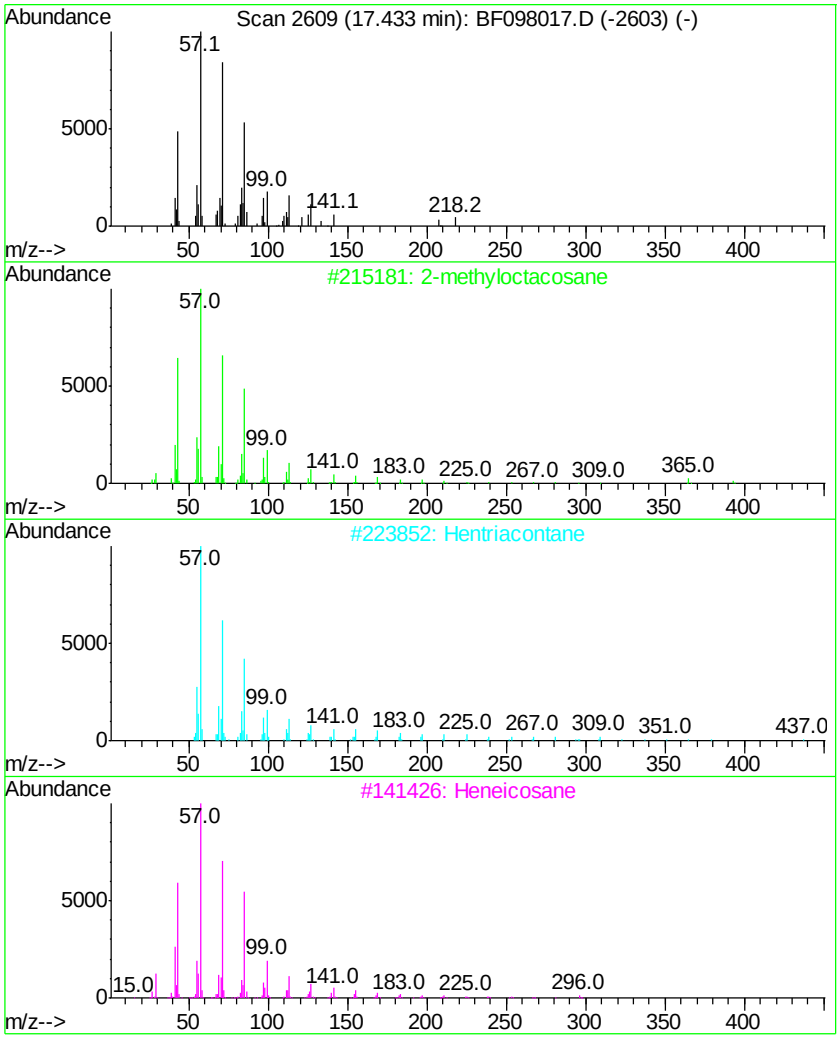
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

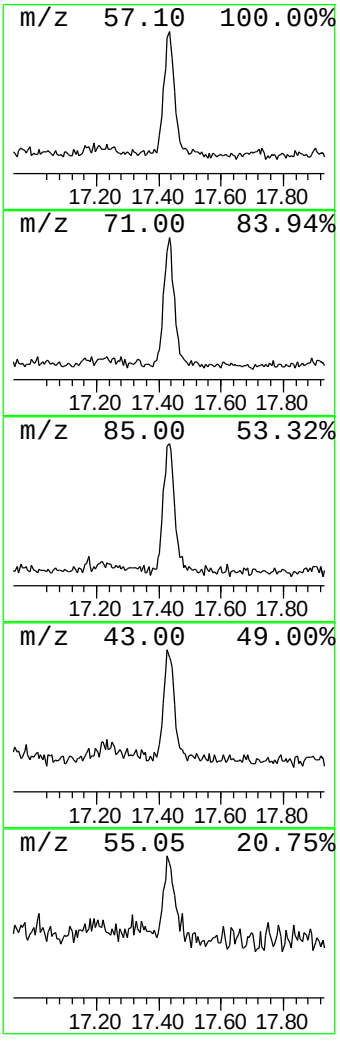
****

Peak Number 8 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	3.22 ng	105536	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Heneicosane	296	C21H44	000629-94-7	86
4	Hexacosane	366	C26H54	000630-01-3	86
5	Octacosane	394	C28H58	000630-02-4	86





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Sample : I4925-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RWB-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

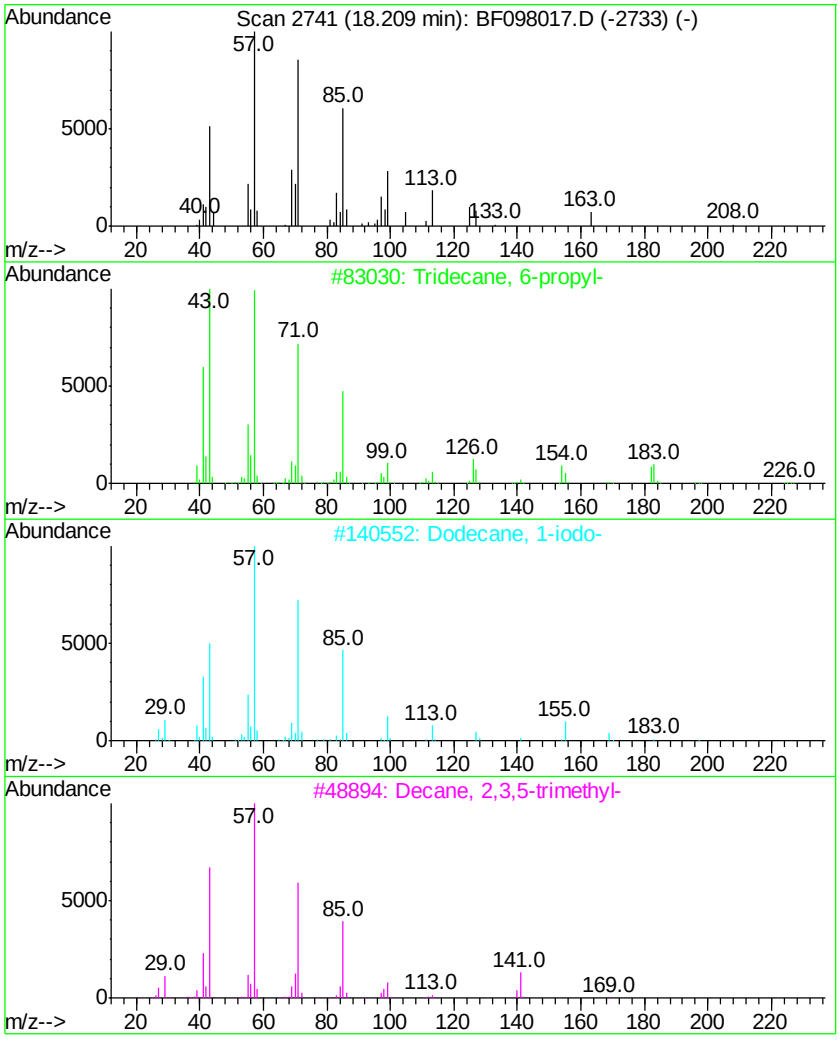
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

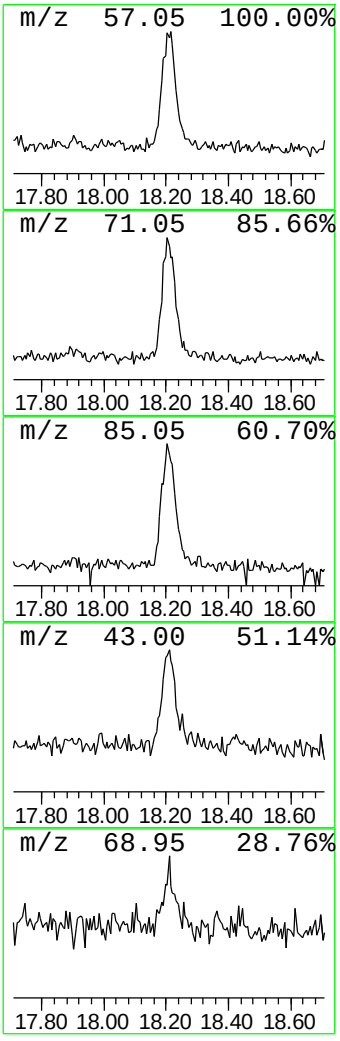
****

Peak Number 9 Tridecane, 6-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	2.20 ng	72195	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	64
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	53
5	Hexadecane	226	C16H34	000544-76-3	53





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Sample : I4925-15
Misc :
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Instrument : BNA_F
ClientSampleId : RWB-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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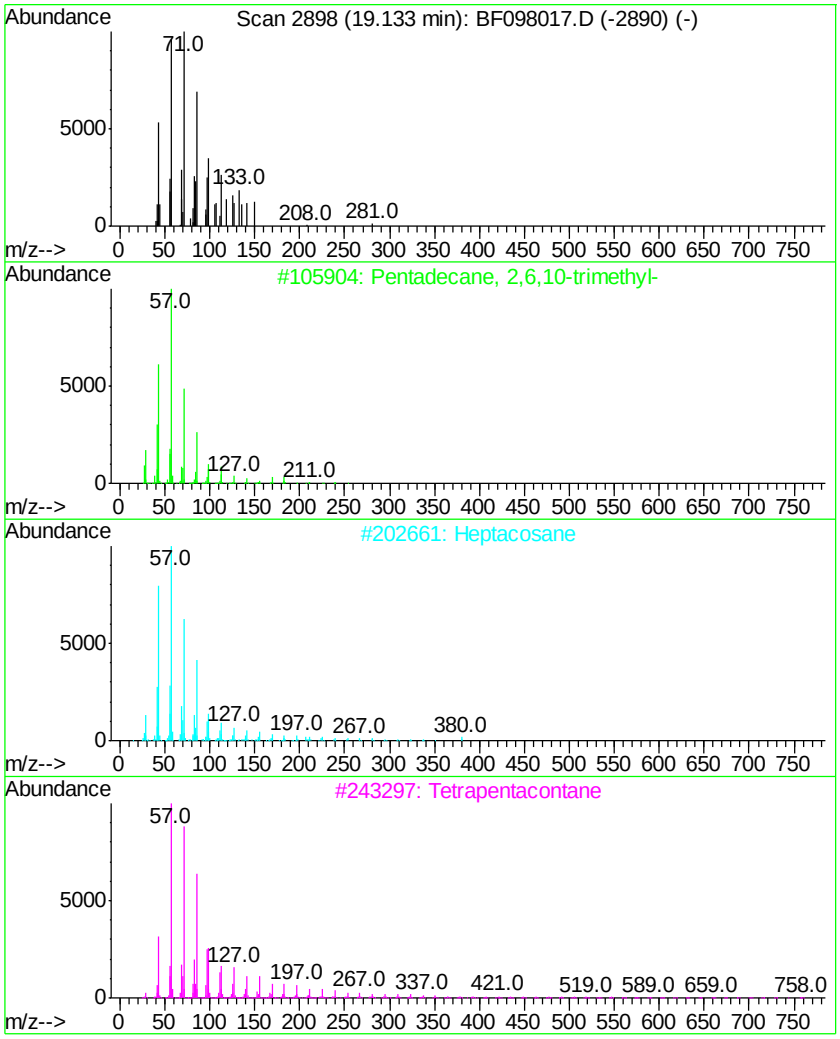
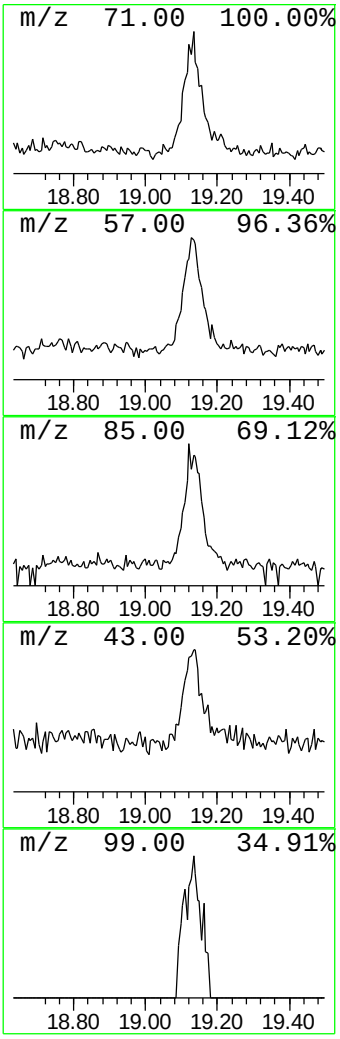
Peak Number 10 Pentadecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	2.17 ng	71209	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
2	Heptacosane	380	C27H56	000593-49-7	64
3	Tetrapentacontane	759	C54H110	005856-66-6	59
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	59
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53





Tentatively Identified Compound (LSC) summary

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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	11.1	ng	415148	1	6.74	748647	20.0
unknown6.51	6.51	91.1	ng	3410590	1	6.74	748647	20.0
Heneicosane	15.75	2.3	ng	75375	6	15.30	655521	20.0
Octacosane	16.22	3.4	ng	111532	6	15.30	655521	20.0
2-methyloctacosane	17.43	3.2	ng	105536	6	15.30	655521	20.0
Tridecane, 6-propyl-	18.21	2.2	ng	72195	6	15.30	655521	20.0
Pentadecane, 2,6,...	19.13	2.2	ng	71209	6	15.30	655521	20.0