LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020262.D
Acq On : 11 May 2019 05:06
Operator : JU/SJ
Sample : K2779-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RT-5124

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_M\METHODS\8270-BM043019.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	5.357	396	403	411	rBV	1812473	2598429	41.65%	6.212%
2	6.945	665	673	691	rBV	1871716	3058628	49.02%	7.313%
3	7.304	727	734	749	rBV	1845124	3046781	48.84%	7.284%
4	7.775	807	814	820	rBV	386424	627404	10.06%	1.500%
5	8.092	860	868	884	rBV	1342126	2161295	34.64%	5.167%
6	8.939	1004	1012	1025	rBV	1080772	1851213	29.67%	4.426%
7	10.569	1281	1289	1302	rBV	516313	888189	14.24%	2.124%
8	13.033	1701	1708	1723	rBV	3014467	4603911	73.79%	11.007%
9	13.874	1845	1851	1858	rBV	466850	653812	10.48%	1.563%
10	14.421	1937	1944	1951	rBV2	814460	1332958	21.37%	3.187%
11	15.910	2191	2197	2209	rBV	2703481	4110140	65.88%	9.827%
12	16.139	2228	2236	2242	rBV7	24547	69343	1.11%	0.166%
13	17.168	2405	2411	2416	rBV	1153447	1709679	27.40%	4.088%
14	17.210	2416	2418	2427	rVB	130821	171192	2.74%	0.409%
15	18.051	2556	2561	2566	rBV	598871	878833	14.09%	2.101%
16	19.227	2757	2761	2765	rVB	283888	365651	5.86%	0.874%
17	19.333	2775	2779	2784	rBV	269105	367086	5.88%	0.878%
18	19.592	2819	2823	2829	rVB	264674	374038	6.00%	0.894%
19	19.798	2852	2858	2863	rBV	4813233	6238924	100.00%	14.916%
20	21.050	3067	3071	3075	rBV	608884	792436	12.70%	1.895%
21	21.350	3117	3122	3126	rBV2	1171307	1720671	27.58%	4.114%
22	21.486	3142	3145	3149	rBV	264887	297073	4.76%	0.710%
23	21.921	3217	3219	3222	rBV	227560	221651	3.55%	0.530%
24	22.392	3296	3299	3313	rVB2	460810	841859	13.49%	2.013%
25	22.909	3383	3387	3391	rBV	445789	686285	11.00%	1.641%
26	23.491	3482	3486	3490	rVB	390436	563902	9.04%	1.348%
27	23.639	3507	3511	3518	rVB2	603573	1062869	17.04%	2.541%
28	24.156	3595	3599	3604	rVB	319669	532113	8.53%	1.272%

Sum of corrected areas: 41826365

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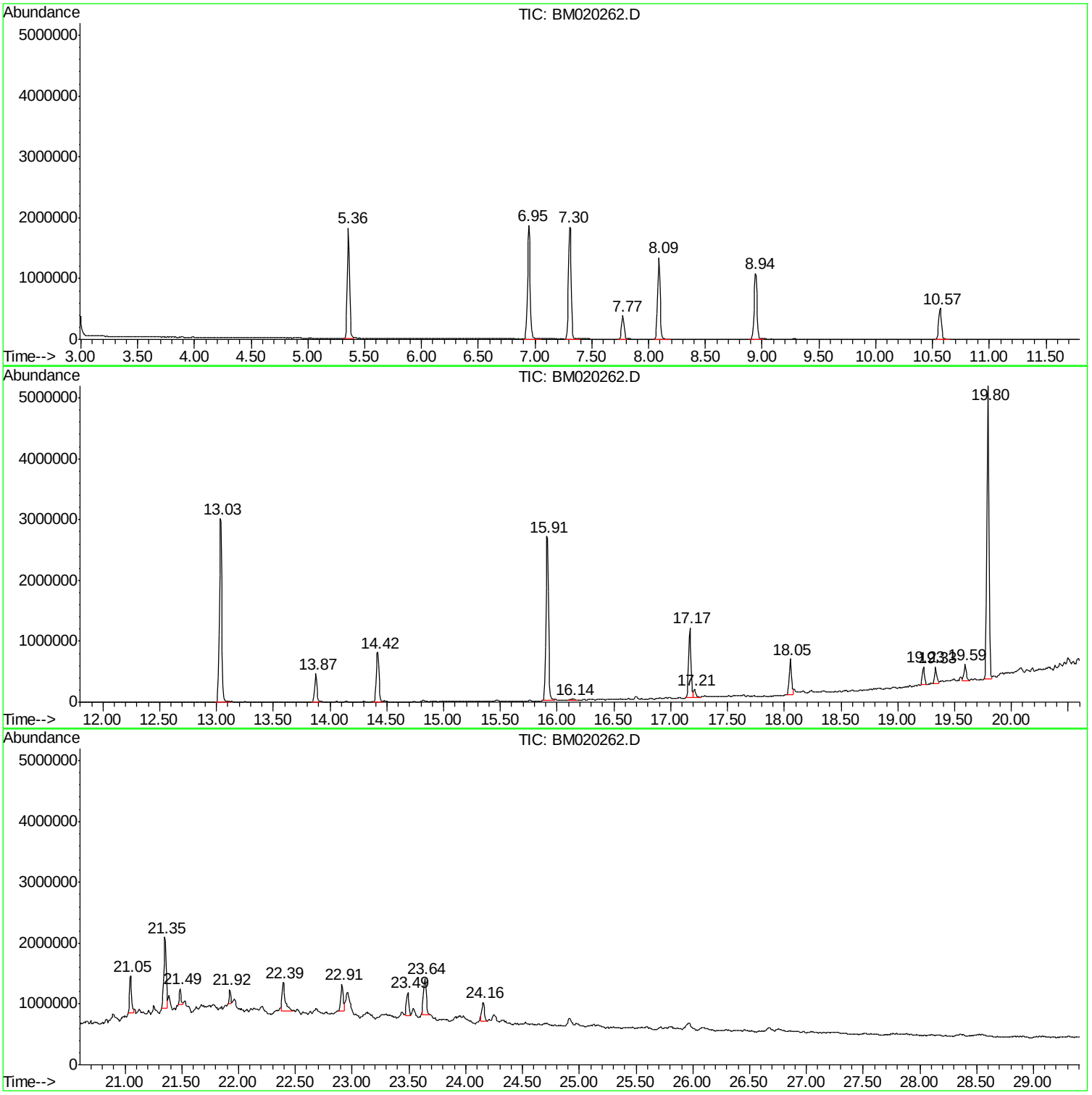
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RT-5124

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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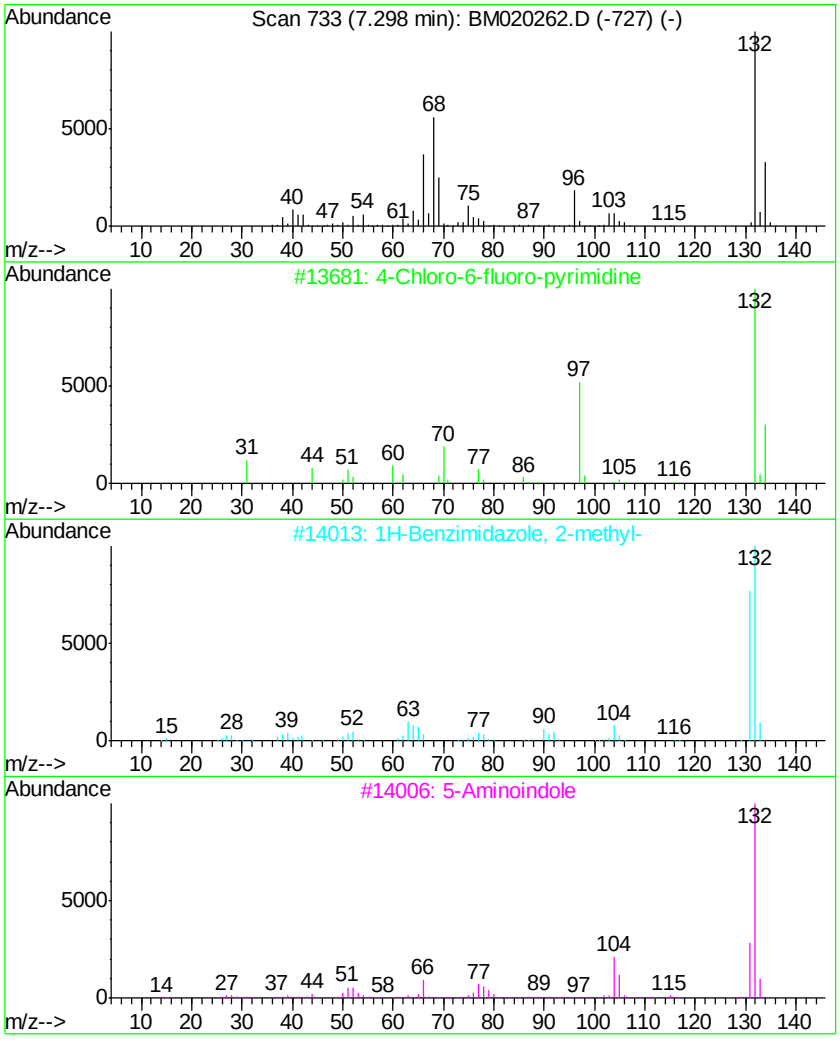
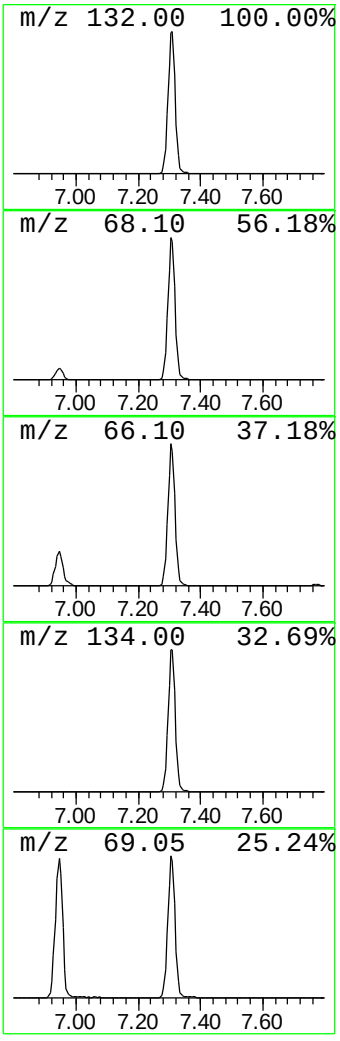
****

Peak Number 1 unknown7.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	97.12 ng	3046780	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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TIC Library : C:\DATABASE\NIST02.L
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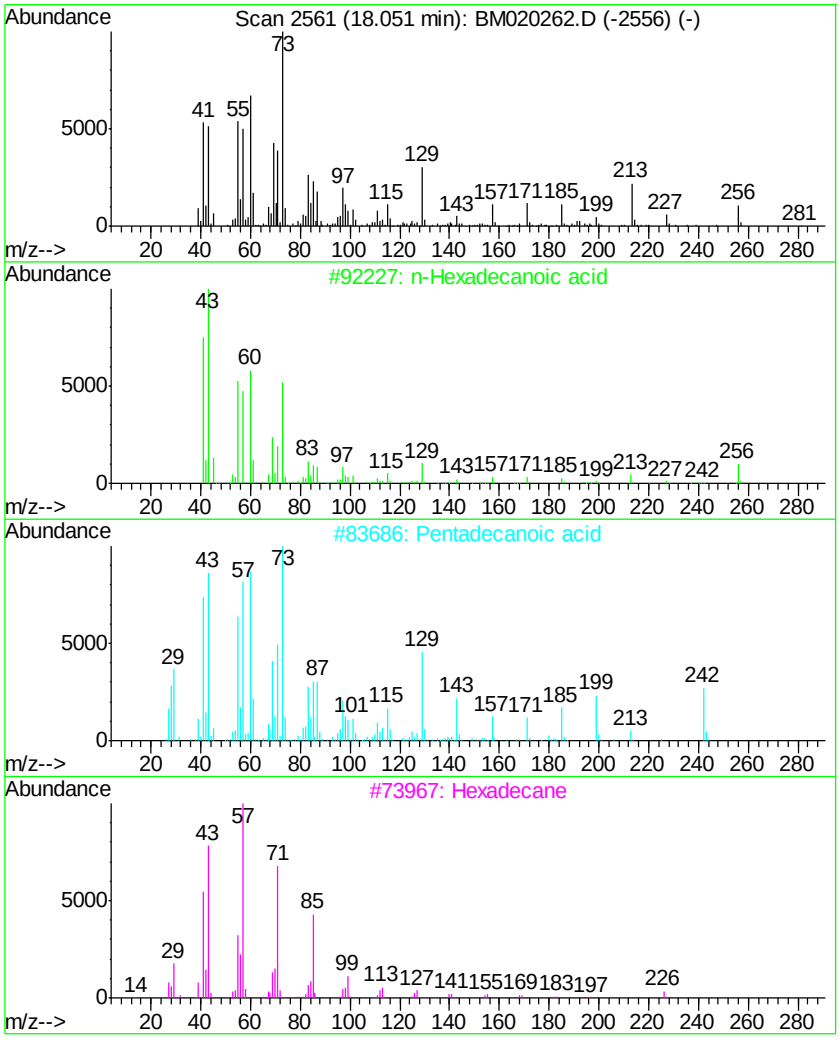
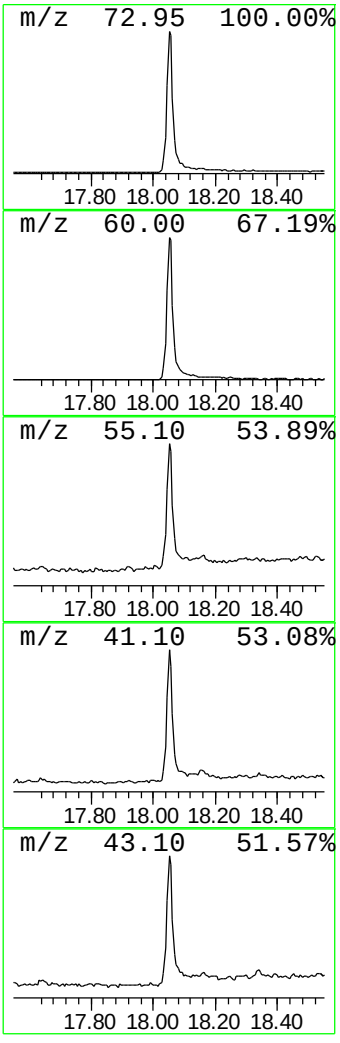
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	10.28 ng	878833	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3	Hexadecane	226	C16H34	000544-76-3	18
4	Eicosane	282	C20H42	000112-95-8	18
5	Nonadecane	268	C19H40	000629-92-5	14





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : RT-5124

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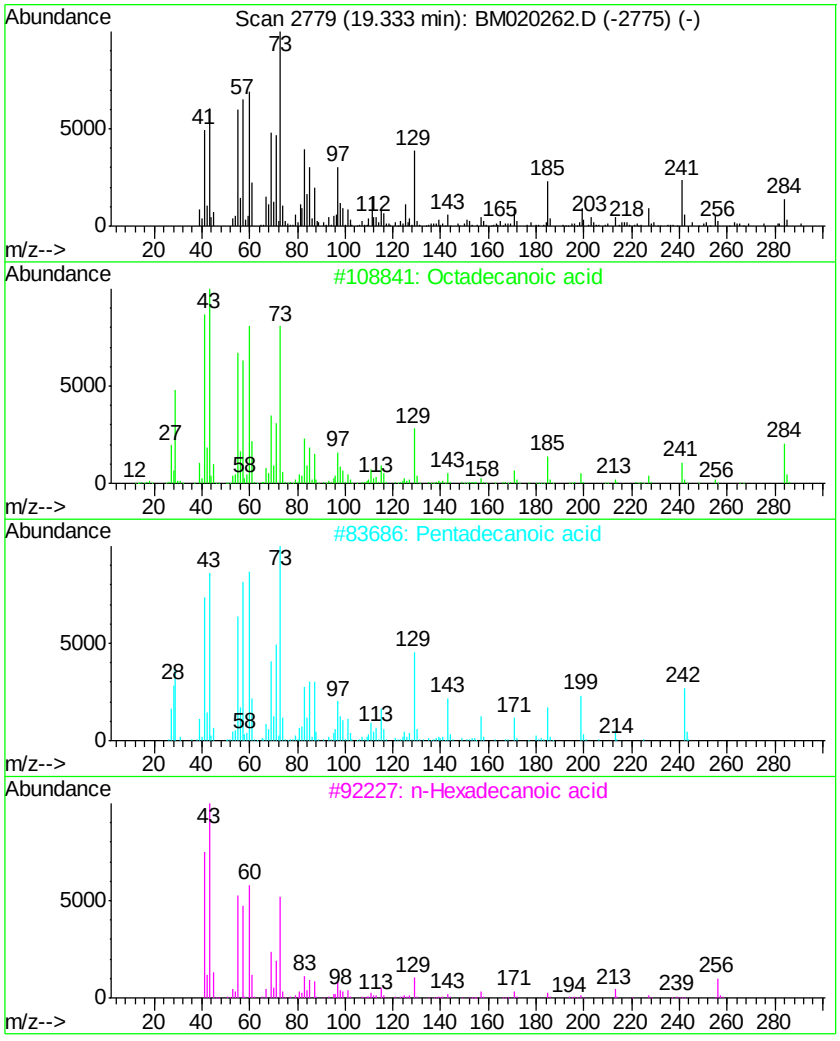
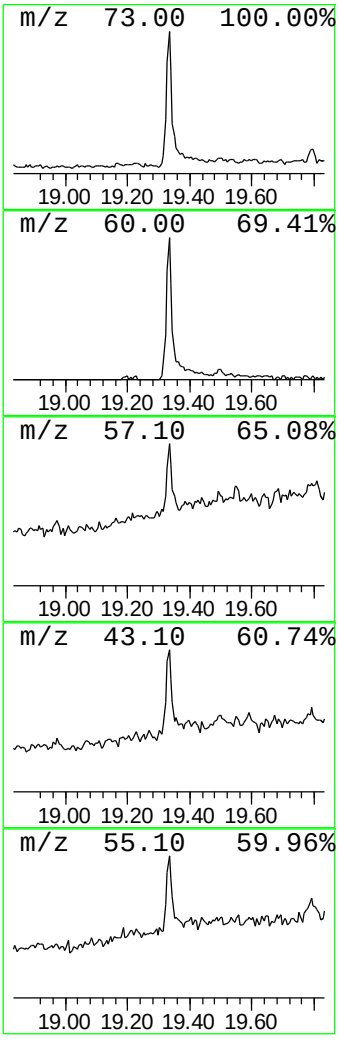
Peak Number 4 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	4.27 ng	367086	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5	n-Decanoic acid	172	C10H20O2	000334-48-5	45





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Instrument : BNA_M
ClientSampleId : RT-5124

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TIC Library : C:\DATABASE\NIST02.L
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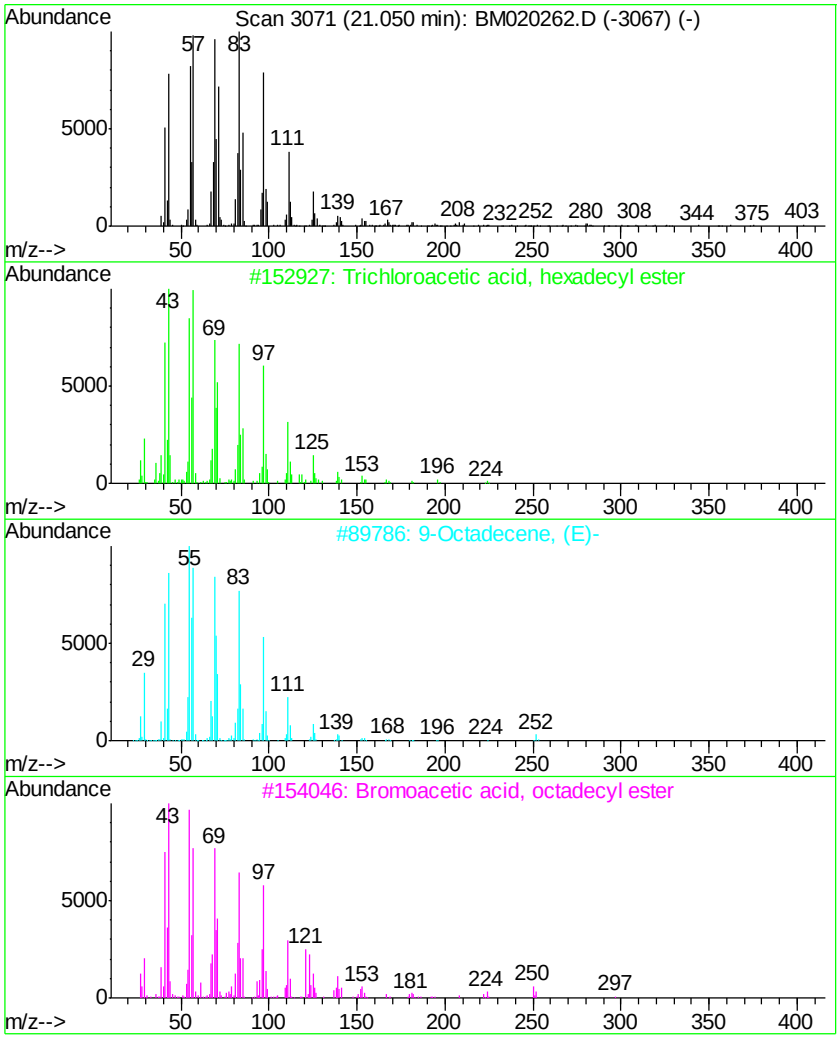
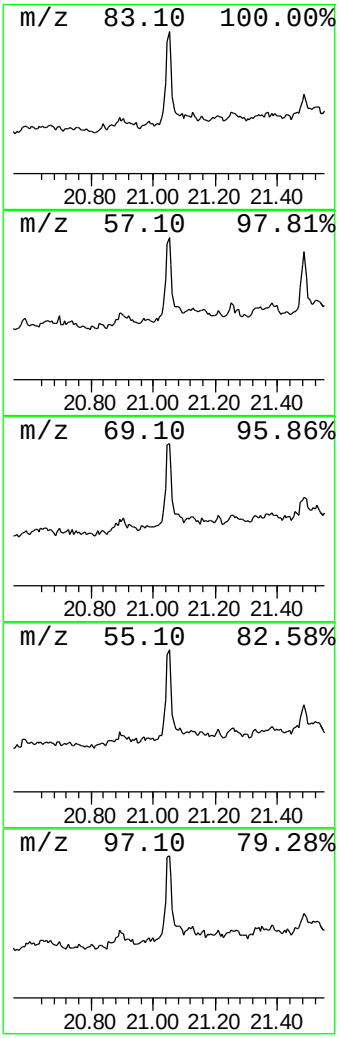
****

Peak Number 5 Trichloroacetic acid, hexad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	9.21 ng	792436	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	87
5	3-Octadecene, (E)-	252	C18H36	007206-19-1	86





Library Search Compound Report

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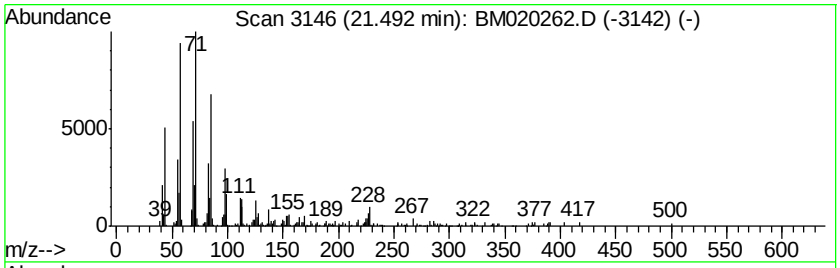
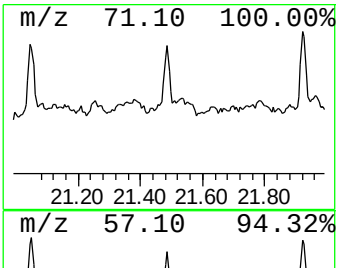
****

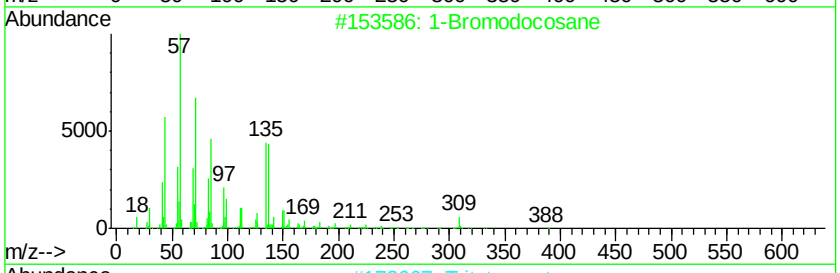
Peak Number 6 1-Bromodocosane Concentration Rank 8

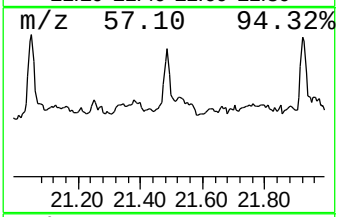
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	3.45 ng	297073	Chrysene-d12	21.35

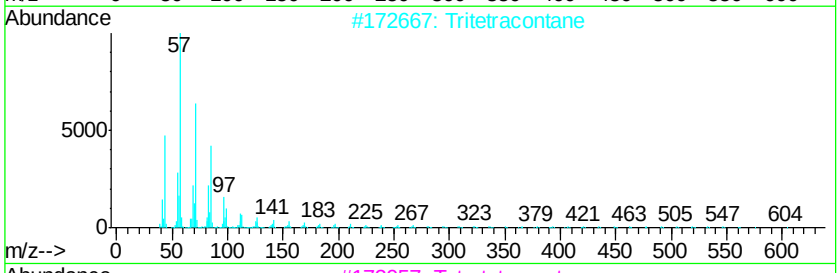
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromodocosane	388	C22H45Br	006938-66-5	91
2	Tritetracontane	605	C43H88	007098-21-7	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	90
5	Octacosane	394	C28H58	000630-02-4	74

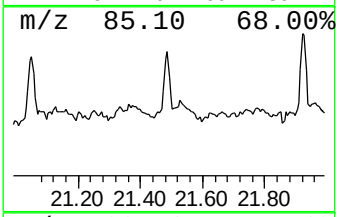


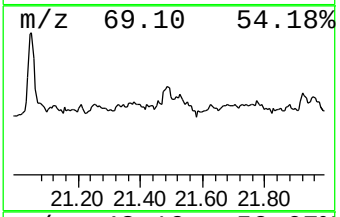


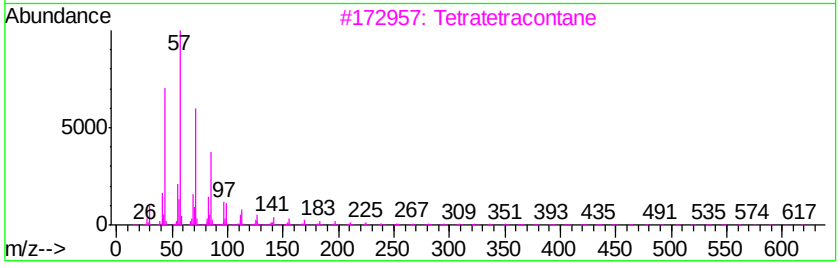


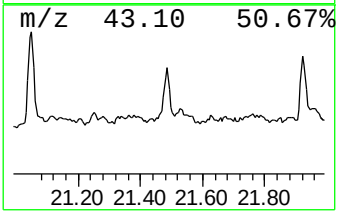












Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

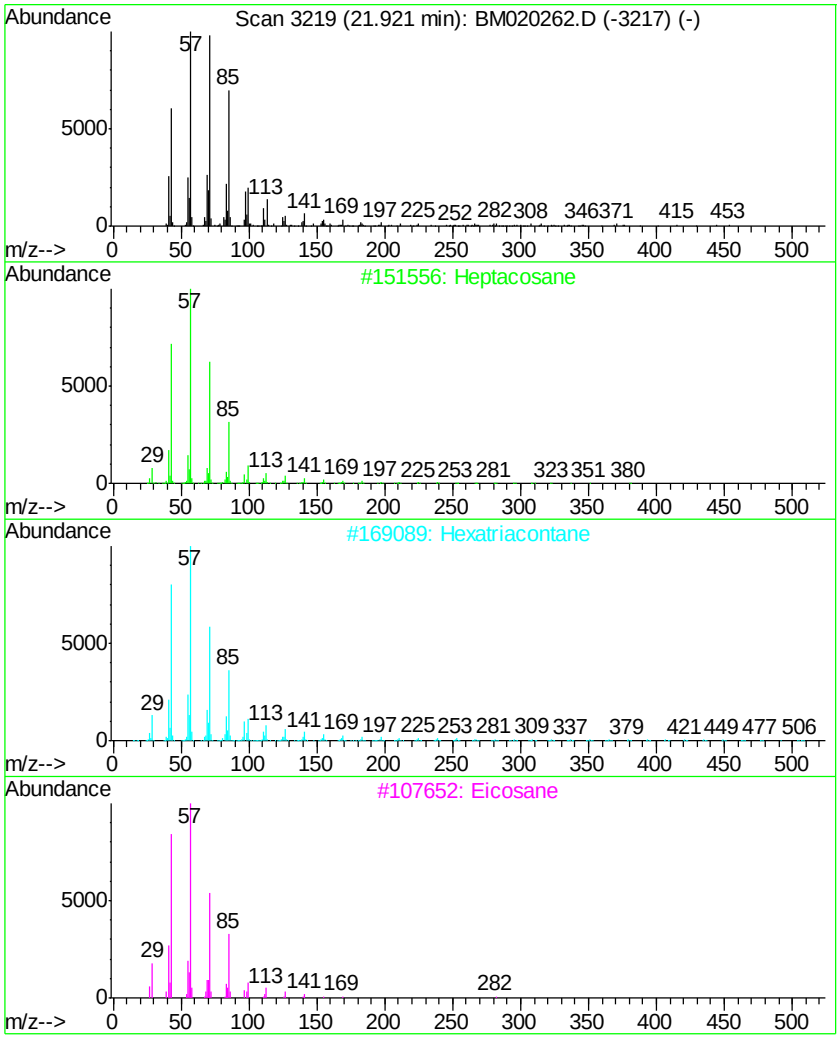
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

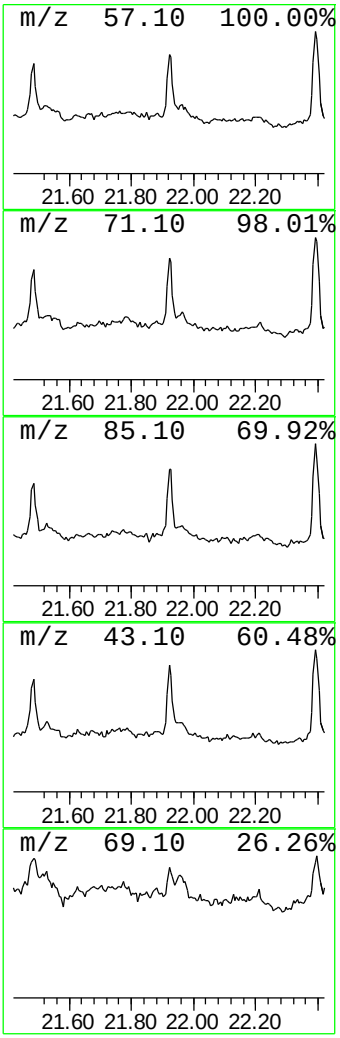
****

Peak Number 7 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	2.58 ng	221651	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Hexatriacontane	507	C36H74	000630-06-8	80
3	Eicosane	282	C20H42	000112-95-8	70
4	Pentadecane	212	C15H32	000629-62-9	68
5	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	58





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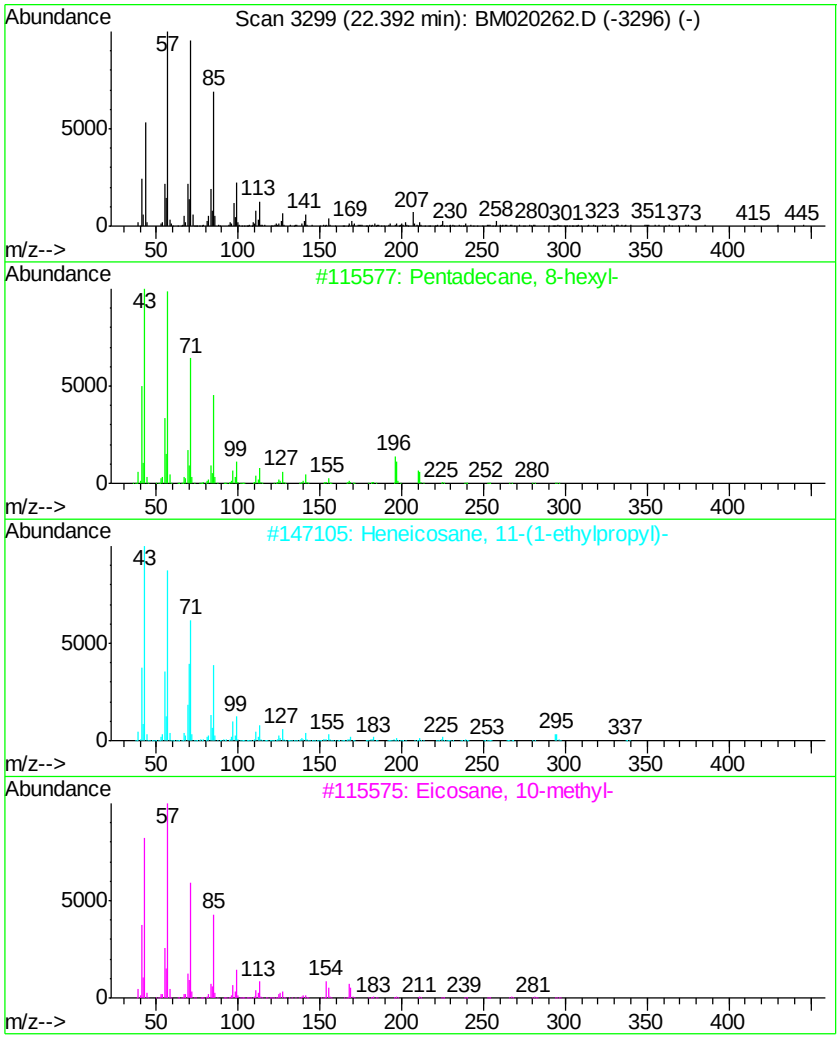
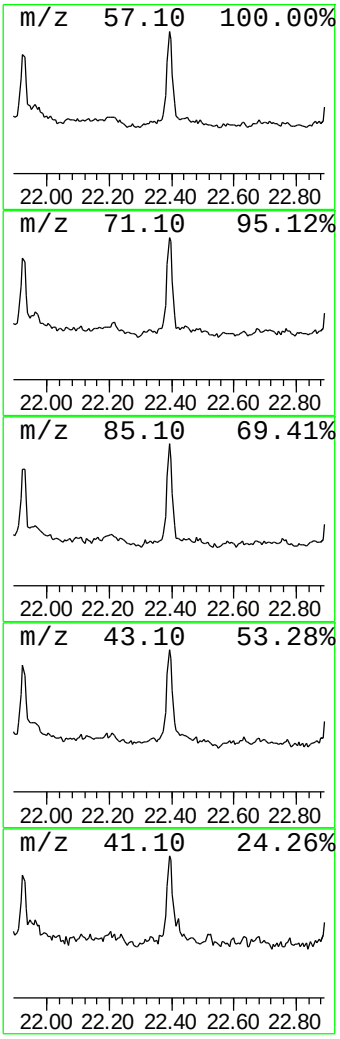
****

Peak Number 8 Pentadecane, 8-hexyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	9.79 ng	841859	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
4	Octacosane	394	C28H58	000630-02-4	72
5	Pentadecane	212	C15H32	000629-62-9	68





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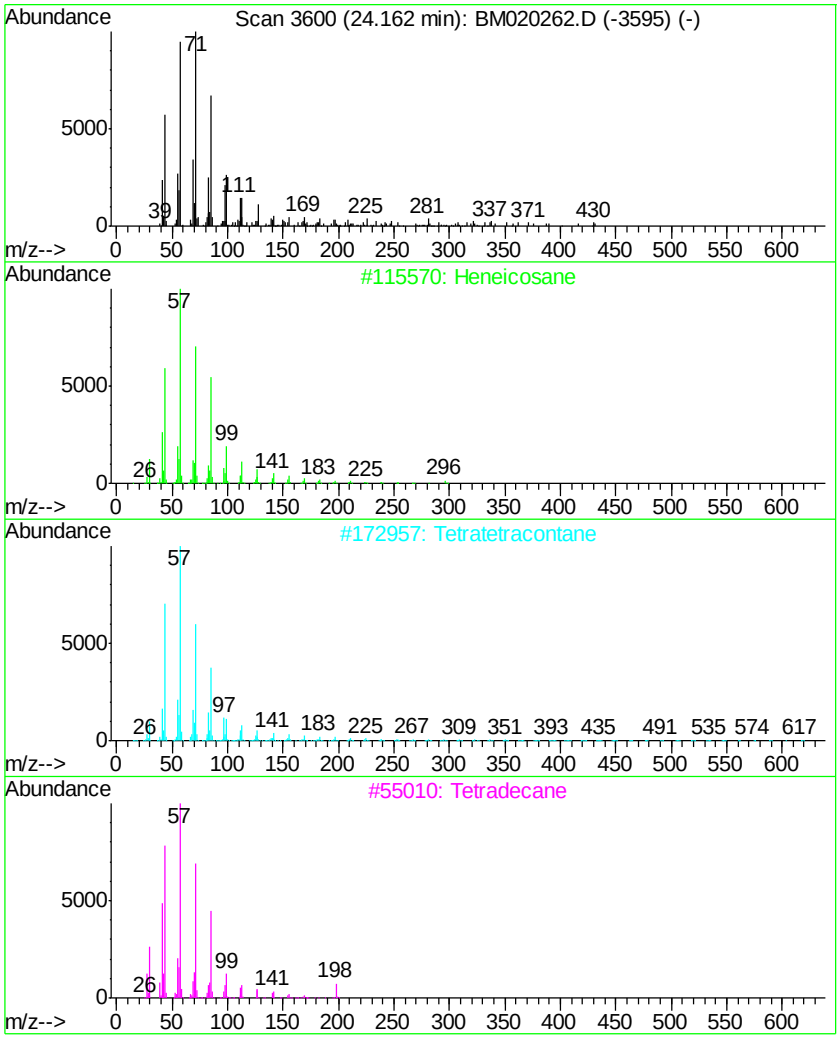
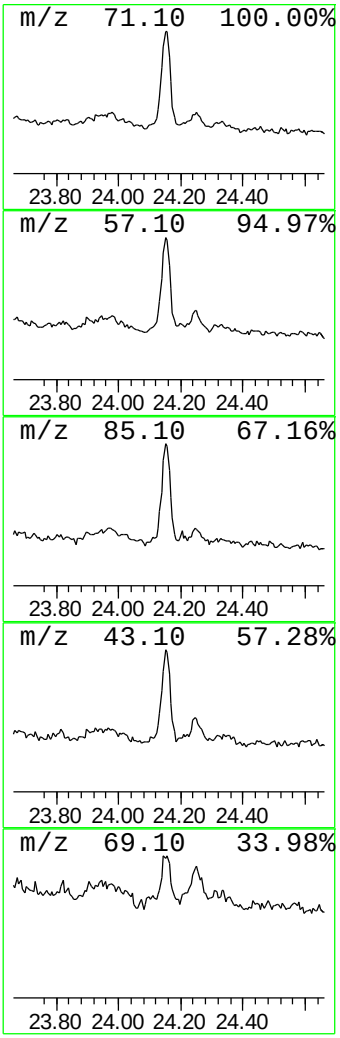
Peak Number 9 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	10.01 ng	532113	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Tetratetracontane	619	C44H90	007098-22-8	83
3	Tetradecane	198	C14H30	000629-59-4	80
4	Triacontane	422	C30H62	000638-68-6	80
5	Hentriacontane	437	C31H64	000630-04-6	72





Tentatively Identified Compound (LSC) summary

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ClientSampleId : RT-5124

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.30	7.30	97.1	ng	3046780	1	7.77	627404	20.0
n-Hexadecanoic acid	18.05	10.3	ng	878833	4	17.17	1709680	20.0
Octadecanoic acid	19.33	4.3	ng	367086	5	21.35	1720670	20.0
Trichloroacetic a...	21.05	9.2	ng	792436	5	21.35	1720670	20.0
1-Bromodocosane	21.49	3.5	ng	297073	5	21.35	1720670	20.0
Heptacosane	21.92	2.6	ng	221651	5	21.35	1720670	20.0
Pentadecane, 8-he...	22.39	9.8	ng	841859	5	21.35	1720670	20.0
Heneicosane	24.16	10.0	ng	532113	6	23.64	1062870	20.0