LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
Data File : BM017861.D
Acq On : 01 Dec 2018 17:46
Operator : JU/SJ
Sample : J6060-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20180945-COMPOSITE-4

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-BM111218.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	3.446	74	78	88	rBV	86660	131896	1.40%	0.154%
2	4.769	298	303	312	rBV	158502	227831	2.42%	0.267%
3	5.210	371	378	391	rBV	4271560	6044411	64.33%	7.075%
4	6.775	636	644	661	rBV	4140904	6857820	72.99%	8.027%
5	7.122	696	703	718	rBV	4439902	6889704	73.33%	8.065%
6	7.581	774	781	790	rBV	845840	1364500	14.52%	1.597%
7	7.898	827	835	850	rBV	3134850	4952103	52.71%	5.797%
8	8.739	970	978	997	rBV	2434449	4100002	43.64%	4.799%
9	10.351	1244	1252	1270	rBV	1079316	1930440	20.55%	2.260%
10	12.839	1668	1675	1693	rBV	5758592	8742999	93.06%	10.234%
11	13.698	1815	1821	1833	rBV	570066	901196	9.59%	1.055%
12	14.227	1904	1911	1919	rBV2	1625172	2536547	27.00%	2.969%
13	15.727	2159	2166	2177	rBV	4850674	7120929	75.79%	8.335%
14	16.986	2373	2380	2384	rBV	1965502	2901220	30.88%	3.396%
15	17.027	2384	2387	2395	rVV	394439	585196	6.23%	0.685%
16	17.862	2523	2529	2531	rBV	132601	197466	2.10%	0.231%
17	17.898	2531	2535	2548	rVB2	1103792	1625065	17.30%	1.902%
18	18.051	2556	2561	2566	rBV2	138453	236976	2.52%	0.277%
19	18.098	2566	2569	2577	rVB2	89205	130140	1.39%	0.152%
20	18.786	2681	2686	2691	rBV	124588	201930	2.15%	0.236%
21	18.845	2691	2696	2700	rVV5	52819	111828	1.19%	0.131%
22	18.927	2706	2710	2723	rVB5	41095	112073	1.19%	0.131%
23	19.056	2725	2732	2741	rBV	480325	777164	8.27%	0.910%
24	19.186	2749	2754	2766	rBV	703611	995696	10.60%	1.166%
25	19.415	2784	2793	2803	rVB	499148	851362	9.06%	0.997%
26	19.633	2824	2830	2842	rVB	6982426	9395250	100.00%	10.998%
27	19.750	2845	2850	2858	rVB7	58153	136195	1.45%	0.159%
28	19.921	2875	2879	2882	rVB	90102	110309	1.17%	0.129%
29	20.021	2892	2896	2900	rBV	79310	101804	1.08%	0.119%
30	20.080	2902	2906	2910	rVB	89097	119517	1.27%	0.140%
31	20.445	2965	2968	2971	rBV	105857	115407	1.23%	0.135%
32	20.915	3044	3048	3057	rBV	479287	708800	7.54%	0.830%
33	21.186	3088	3094	3099	rBV	2088897	2980648	31.73%	3.489%
34	21.227	3099	3101	3108	rVB	212127	237195	2.52%	0.278%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
Data File : BM017861.D
Acq On : 01 Dec 2018 17:46
Operator : JU/SJ
Sample : J6060-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20180945-COMPOSITE-4

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-BM111218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.350	3118	3122	3127	rBV	729437	804298	8.56%	0.941%
36	21.774	3190	3194	3198	rBV	1066958	1226499	13.05%	1.436%
37	22.227	3266	3271	3276	rBV	1187867	1524427	16.23%	1.784%
38	22.715	3349	3354	3360	rBV2	1240836	1803733	19.20%	2.111%
39	23.262	3441	3447	3456	rVB2	974473	1679302	17.87%	1.966%
40	23.368	3459	3465	3473	rBV	1202949	2281610	24.28%	2.671%
41	23.880	3546	3552	3560	rVB	627160	1114137	11.86%	1.304%
42	24.591	3669	3673	3680	rVB2	278839	564641	6.01%	0.661%

Sum of corrected areas: 85430266

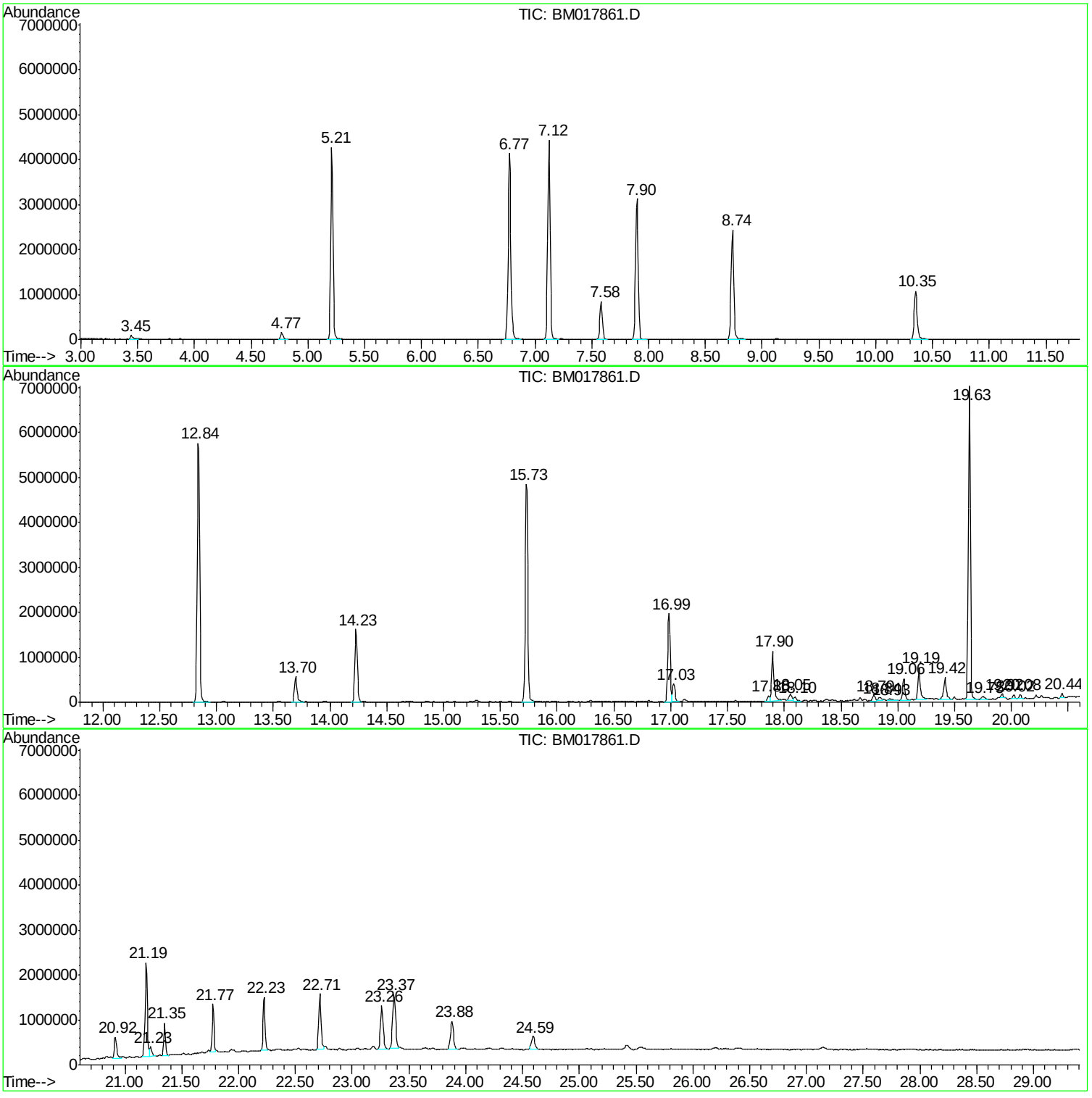
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
Data File : BM017861.D
Acq On : 01 Dec 2018 17:46
Operator : JU/SJ
Sample : J6060-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20180945-COMPOSITE-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
Data File : BM017861.D
Acq On : 01 Dec 2018 17:46
Operator : JU/SJ
Sample : J6060-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20180945-COMPOSITE-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

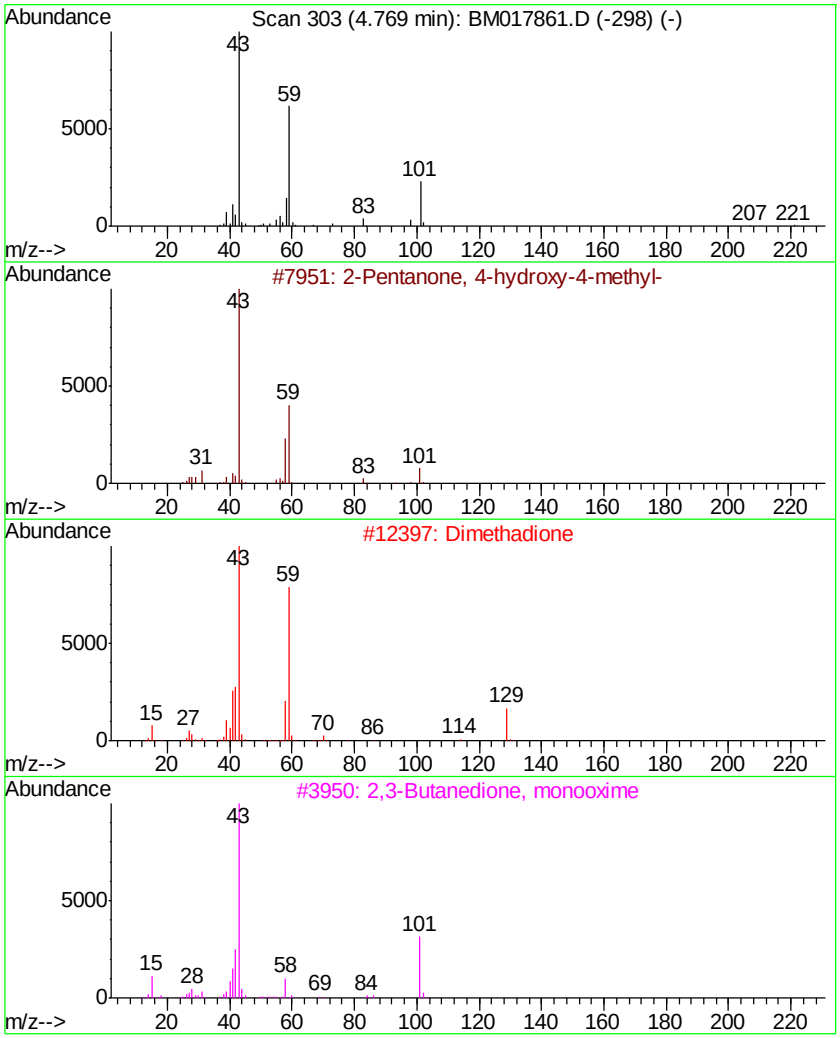
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

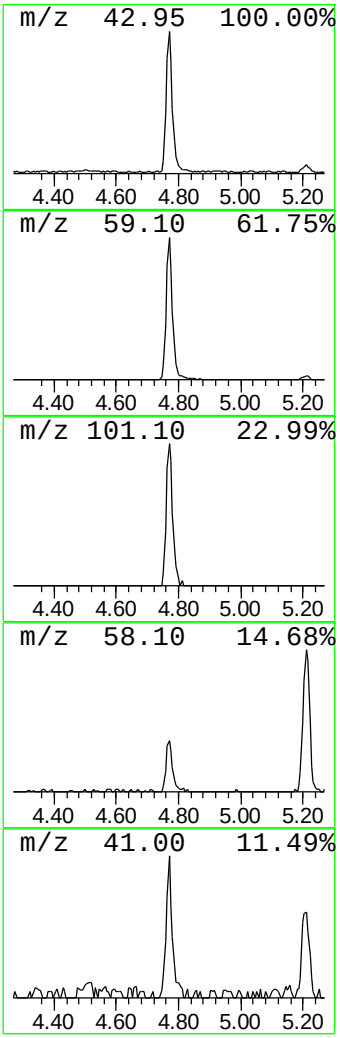
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	3.34 ng	227831	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Dimethadione	129	C5H7NO3	000695-53-4	40
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
5	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
Data File : BM017861.D
Acq On : 01 Dec 2018 17:46
Operator : JU/SJ
Sample : J6060-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20180945-COMPOSITE-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

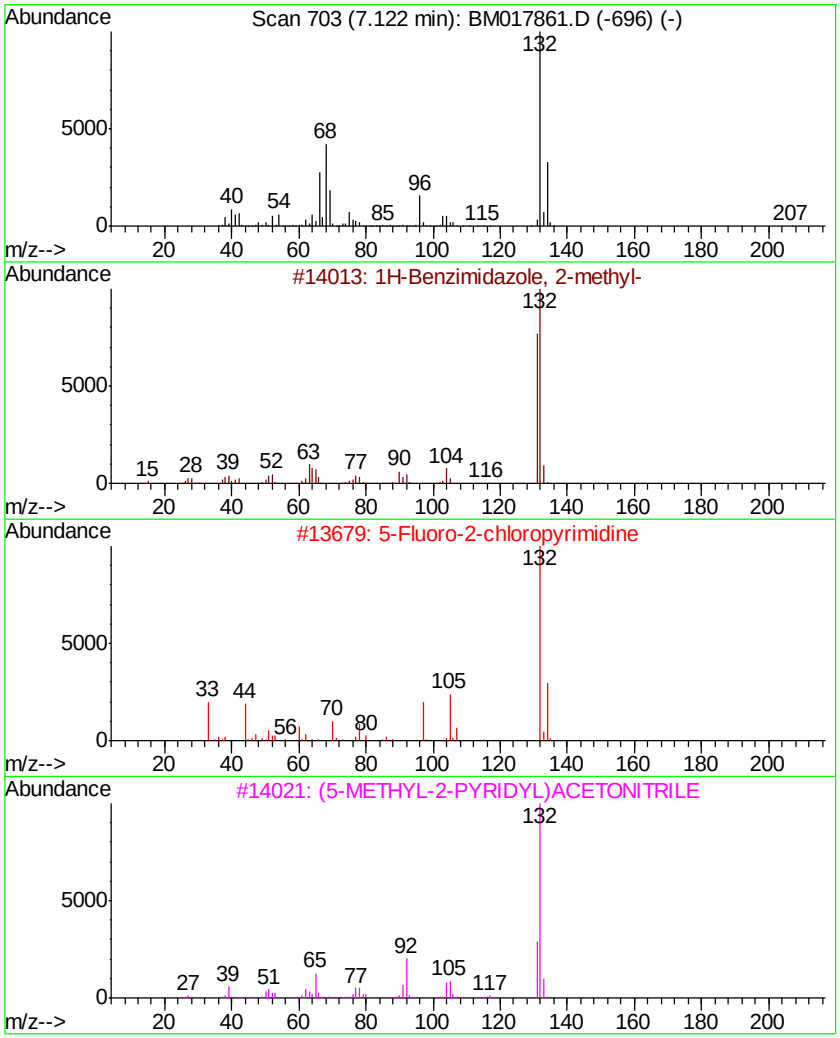
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

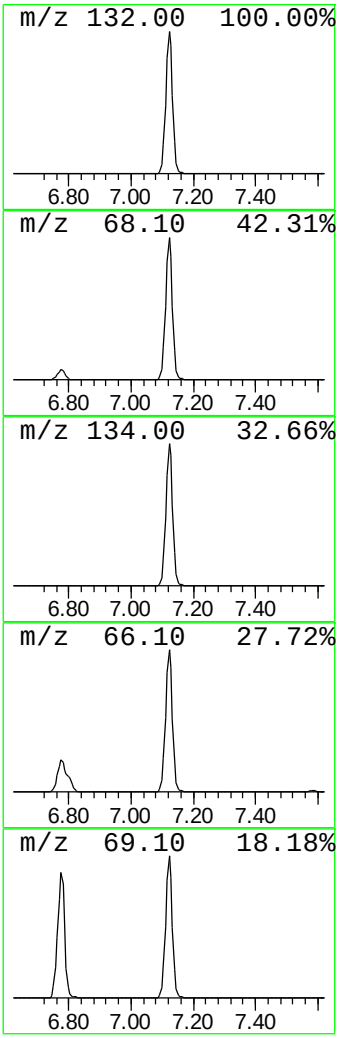
****

Peak Number 2 unknown7.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	100.99 ng	6889700	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
Data File : BM017861.D
Acq On : 01 Dec 2018 17:46
Operator : JU/SJ
Sample : J6060-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20180945-COMPOSITE-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

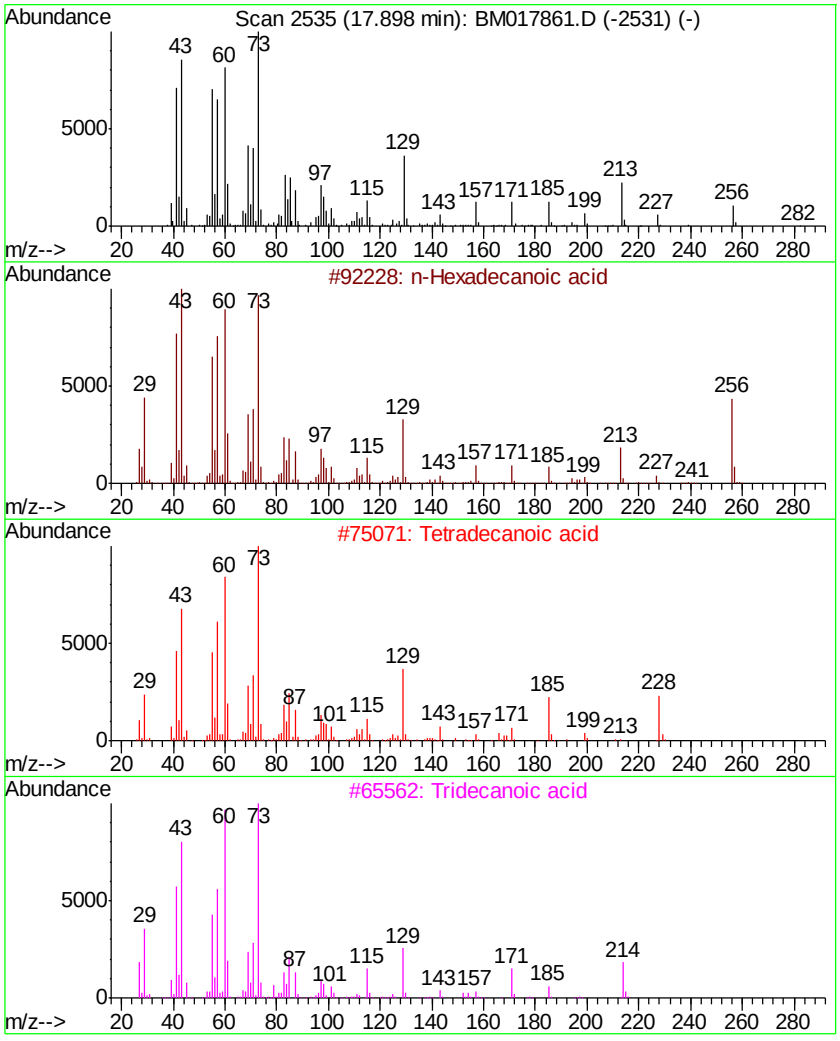
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

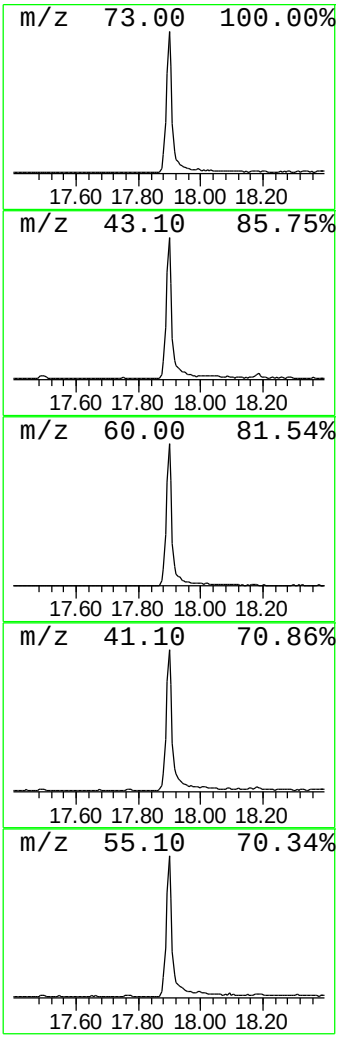
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	11.20 ng	1625070	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tridecane	184	C13H28	000629-50-5	11
5	Hexadecane	226	C16H34	000544-76-3	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
Data File : BM017861.D
Acq On : 01 Dec 2018 17:46
Operator : JU/SJ
Sample : J6060-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20180945-COMPOSITE-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

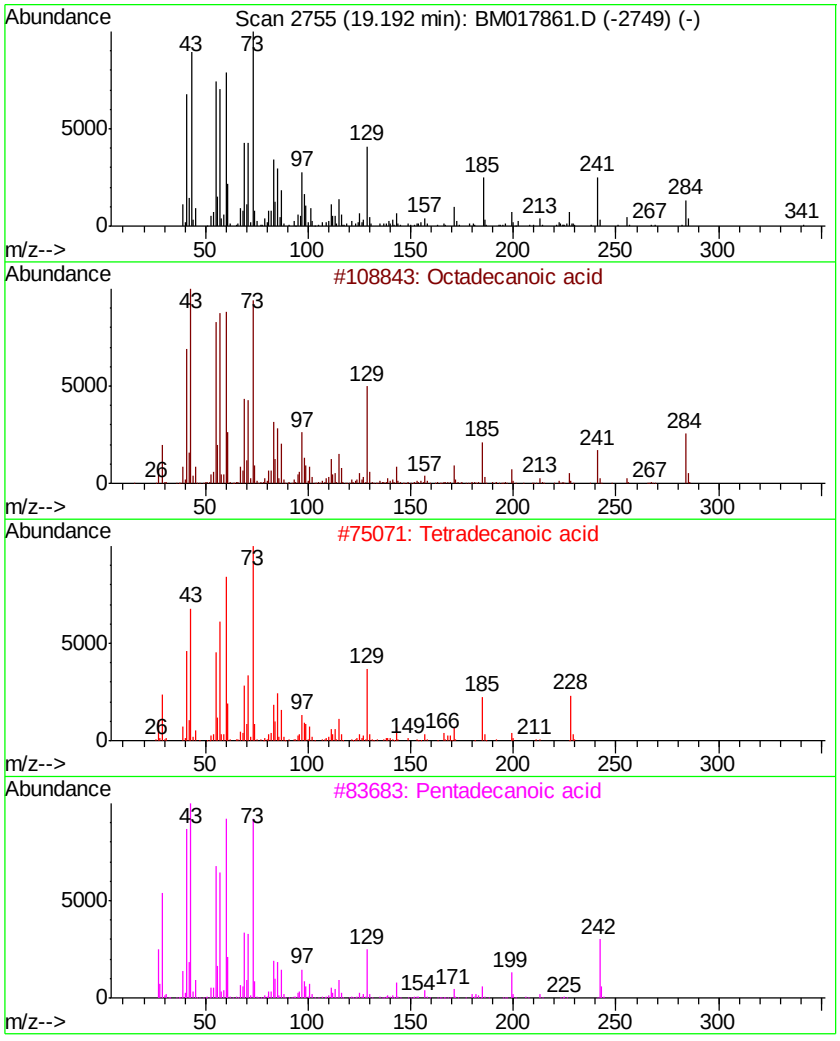
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

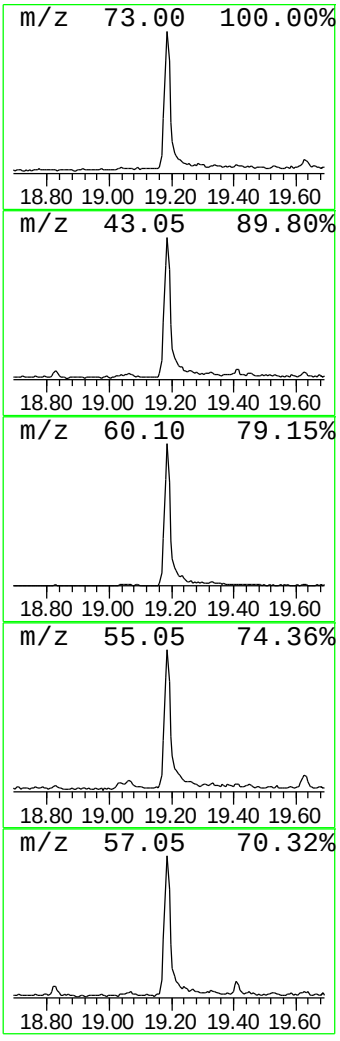
****

Peak Number 5 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	6.68 ng	995696	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20180945-COMPOSITE-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

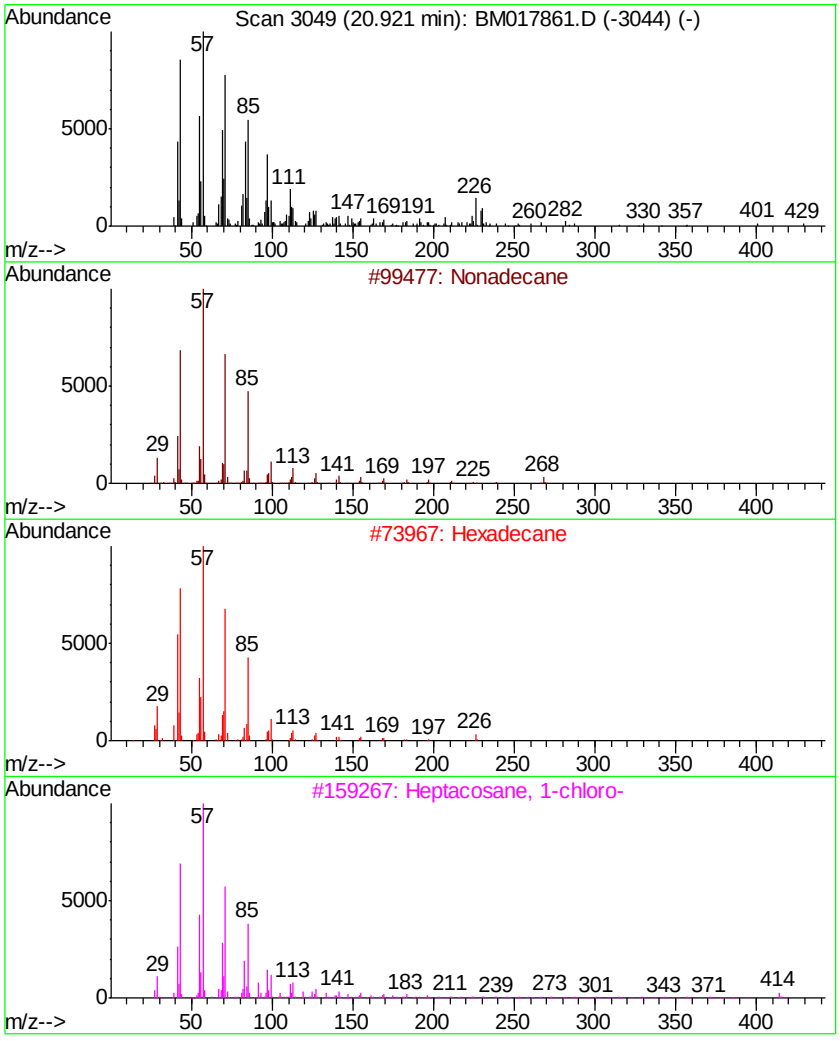
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

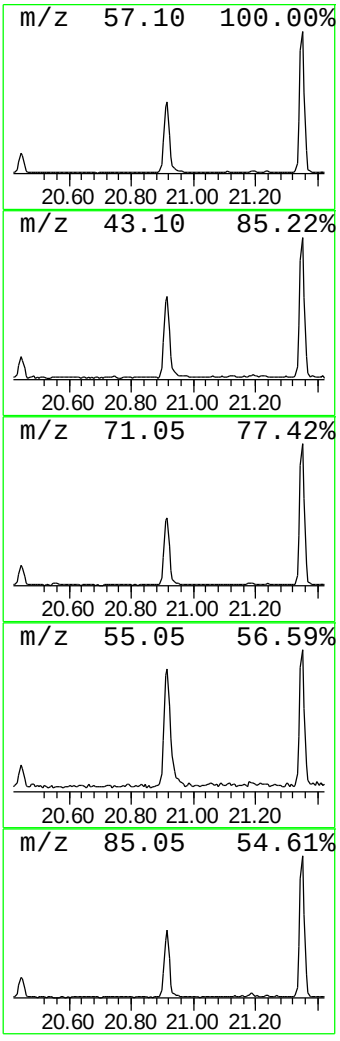
****

Peak Number 6 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	4.76 ng	708800	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Hexadecane	226	C16H34	000544-76-3	89
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
4	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	83
5	Octadecane	254	C18H38	000593-45-3	70





Library Search Compound Report

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Acq On : 01 Dec 2018 17:46
Operator : JU/SJ
Sample : J6060-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20180945-COMPOSITE-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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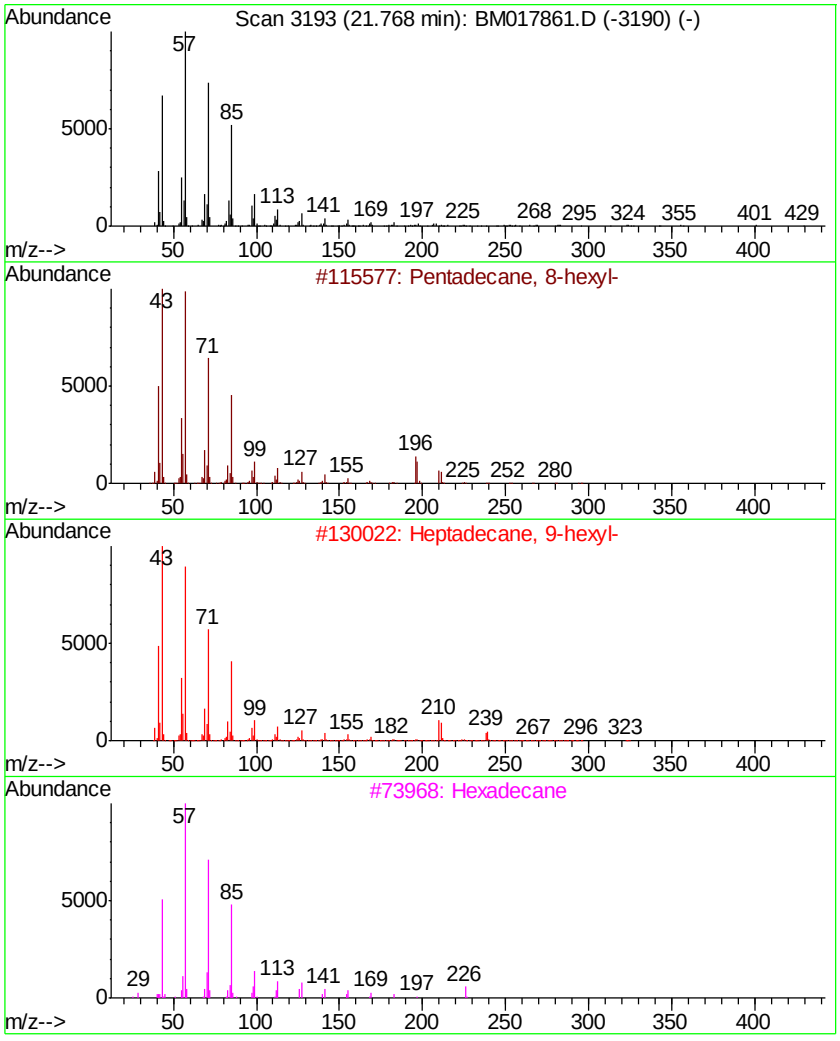
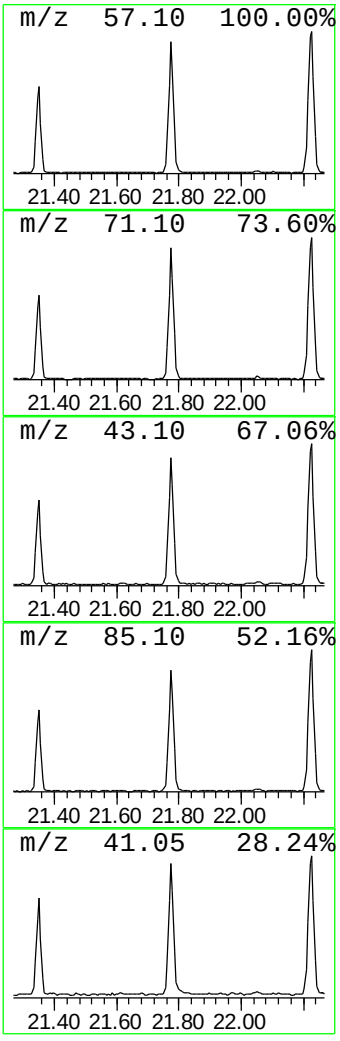
Peak Number 8 Pentadecane, 8-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	8.23 ng	1226500	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
3	Hexadecane	226	C16H34	000544-76-3	93
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

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Acq On : 01 Dec 2018 17:46
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Sample : J6060-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20180945-COMPOSITE-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

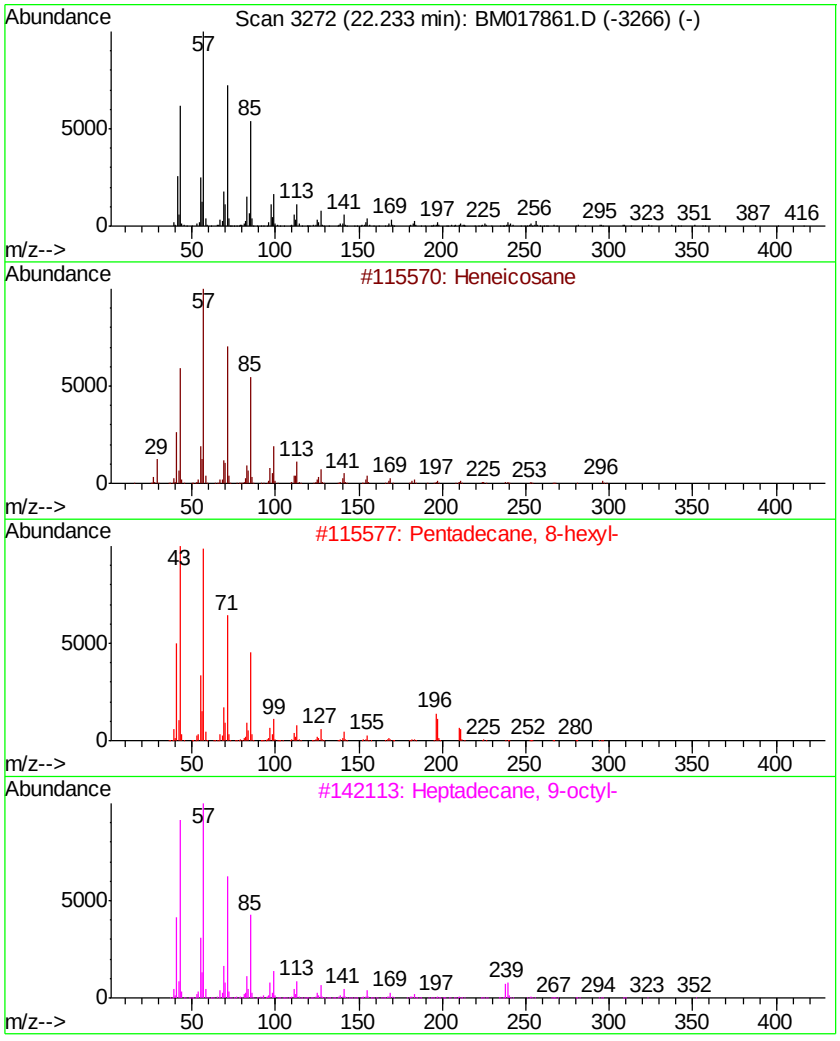
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

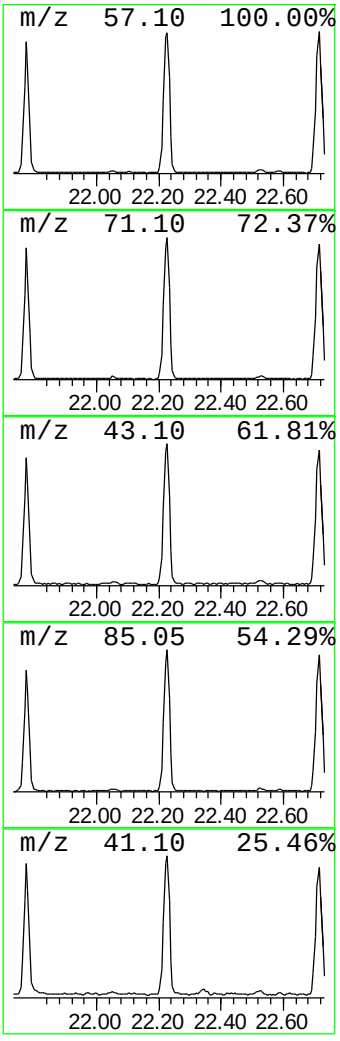
****

Peak Number 9 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	10.23 ng	1524430	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91





Library Search Compound Report

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Data File : BM017861.D
Acq On : 01 Dec 2018 17:46
Operator : JU/SJ
Sample : J6060-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20180945-COMPOSITE-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

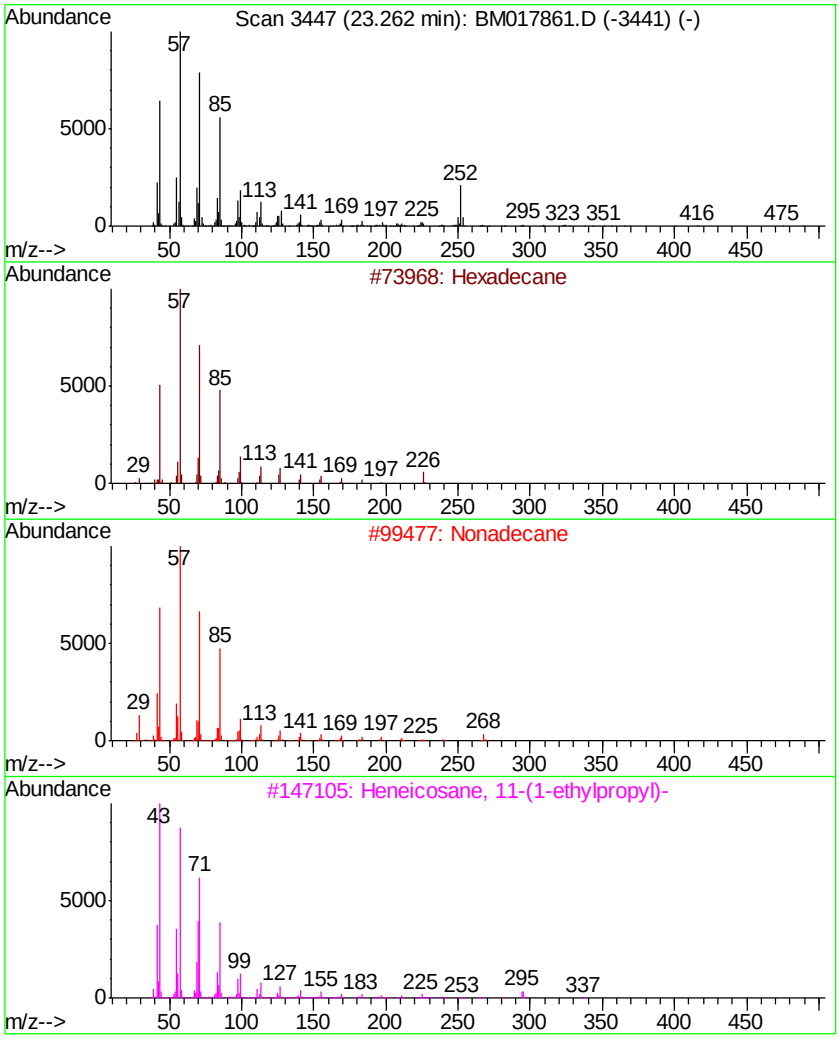
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

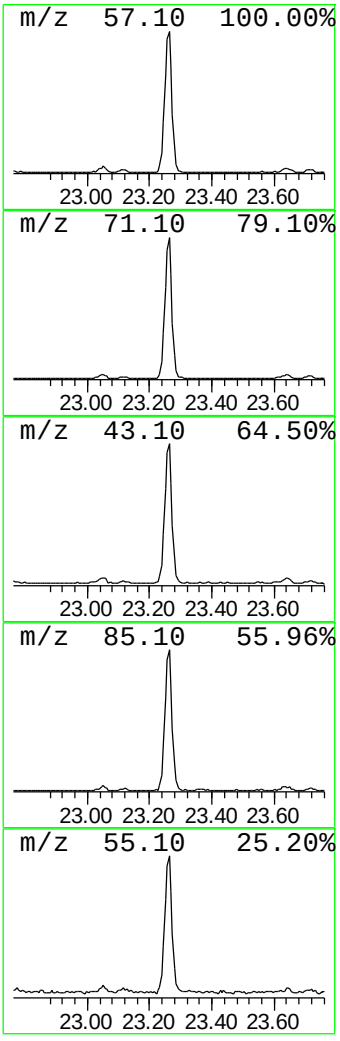
****

Peak Number 11 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	14.72 ng	1679300	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Nonadecane	268	C19H40	000629-92-5	93
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	81
4	Heneicosane	296	C21H44	000629-94-7	81
5	Tetratetracontane	619	C44H90	007098-22-8	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120218\
Data File : BM017861.D
Acq On : 01 Dec 2018 17:46
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.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
2-Pentanone, 4-hy...	4.77	3.3	ng	227831	1	7.58	1364500	20.0
unknown7.12	7.12	101.0	ng	6889700	1	7.58	1364500	20.0
n-Hexadecanoic acid	17.90	11.2	ng	1625070	4	16.99	2901220	20.0
Octadecanoic acid	19.19	6.7	ng	995696	5	21.19	2980650	20.0
Nonadecane	20.92	4.8	ng	708800	5	21.19	2980650	20.0
Pentadecane, 8-he...	21.77	8.2	ng	1226500	5	21.19	2980650	20.0
Heneicosane	22.23	10.2	ng	1524430	5	21.19	2980650	20.0
Hexadecane	23.26	14.7	ng	1679300	6	23.37	2281610	20.0