LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013743.D
Acq On : 23 Jan 2018 22:34
Operator : SJ/JU
Sample : J1220-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A08

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM-EPA-BM011018.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.157	26	29	35	rVB	47823	56823	1.20%	0.101%
2	6.293	555	562	569	rVB	238593	373808	7.89%	0.667%
3	6.792	640	647	661	rBV	926297	1634519	34.50%	2.918%
4	6.951	669	674	685	rVB	718149	1070216	22.59%	1.911%
5	7.140	699	706	716	rBV	988587	1583279	33.42%	2.827%
6	7.604	778	785	792	rBV	670181	1048727	22.14%	1.872%
7	8.322	900	907	921	rVB	1116168	1860546	39.27%	3.322%
8	8.763	975	982	991	rVB	959538	1541825	32.55%	2.753%
9	8.892	998	1004	1012	rBV2	41449	72414	1.53%	0.129%
10	9.475	1096	1103	1114	rBV	783971	1366904	28.85%	2.440%
11	10.016	1187	1195	1211	rBV	1118500	2017702	42.59%	3.602%
12	10.380	1248	1257	1264	rBV	838913	1386318	29.26%	2.475%
13	10.528	1274	1282	1295	rBV	923809	1698794	35.86%	3.033%
14	13.386	1763	1768	1776	rBV5	27537	61992	1.31%	0.111%
15	13.674	1810	1817	1822	rBV	1852916	2678162	56.53%	4.781%
16	13.721	1822	1825	1833	rVB	602460	796123	16.81%	1.421%
17	13.951	1854	1864	1872	rBV	2249484	3332854	70.35%	5.950%
18	14.163	1894	1900	1905	rBV2	74020	97183	2.05%	0.174%
19	14.257	1911	1916	1925	rVB2	1115767	1691294	35.70%	3.020%
20	14.486	1946	1955	1967	rBV	658437	1253654	26.46%	2.238%
21	15.068	2049	2054	2058	rBV	43550	57328	1.21%	0.102%
22	15.121	2058	2063	2068	rVB2	79284	103162	2.18%	0.184%
23	15.257	2078	2086	2095	rVB	2788661	3826539	80.77%	6.832%
24	15.398	2104	2110	2123	rBV	690399	1065921	22.50%	1.903%
25	15.498	2123	2127	2136	rVB8	50357	110813	2.34%	0.198%
26	15.986	2206	2210	2218	rBV2	79319	124542	2.63%	0.222%
27	16.780	2342	2345	2349	rBV2	52634	63903	1.35%	0.114%
28	17.009	2377	2384	2390	rBV	1422213	1991903	42.05%	3.556%
29	17.109	2395	2401	2412	rVB2	2828296	4070156	85.92%	7.267%
30	17.515	2465	2470	2474	rBV3	40750	53285	1.12%	0.095%
31	17.915	2533	2538	2545	rBV2	352225	530221	11.19%	0.947%
32	18.209	2584	2588	2592	rBV5	45090	55756	1.18%	0.100%
33	19.051	2727	2731	2736	rBV4	57404	106333	2.24%	0.190%
34	19.203	2752	2757	2763	rBV3	150110	231830	4.89%	0.414%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013743.D
Acq On : 23 Jan 2018 22:34
Operator : SJ/JU
Sample : J1220-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A08

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM-EPA-BM011018.M
Title : SVOA CALIBRATION

35	19.415	2787	2793	2799	rBV	3401732	4648688	98.13%	8.300%
36	19.815	2857	2861	2868	rVB3	61806	85652	1.81%	0.153%
37	19.962	2880	2886	2889	rBV6	36677	79179	1.67%	0.141%
38	20.492	2973	2976	2983	rVB8	78391	105405	2.22%	0.188%
39	20.615	2993	2997	3000	rBV	117834	130688	2.76%	0.233%
40	20.768	3019	3023	3029	rBV	2066804	2334684	49.28%	4.168%
41	20.933	3046	3051	3059	rVB	637246	871676	18.40%	1.556%
42	21.209	3093	3098	3106	rBV	1872210	2418693	51.06%	4.318%
43	23.274	3442	3449	3458	rVB2	2583292	4737367	100.00%	8.458%
44	23.409	3466	3472	3480	rVB2	1184767	2233844	47.15%	3.988%
45	24.015	3571	3575	3582	rVB6	163618	350231	7.39%	0.625%

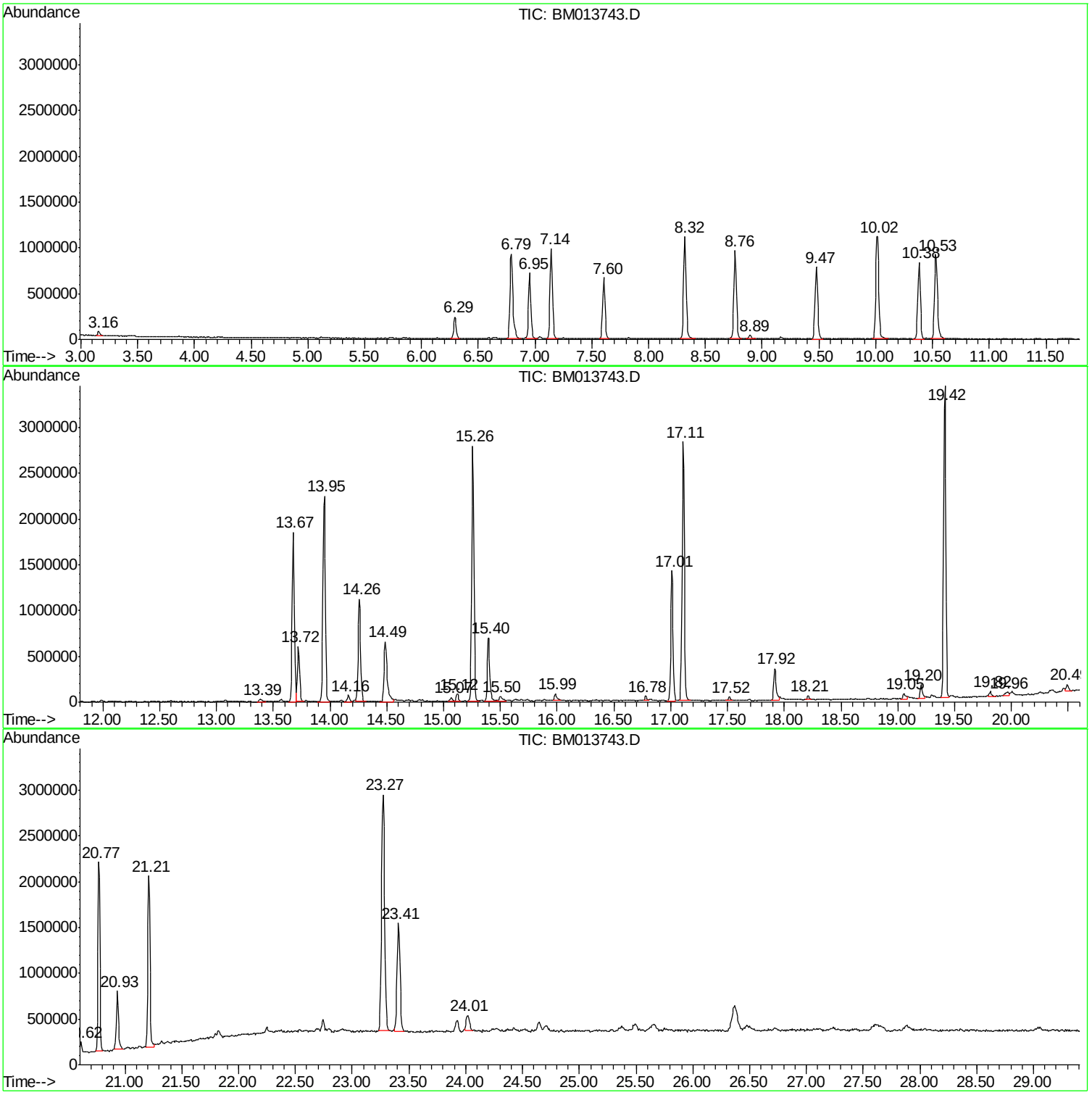
Sum of corrected areas: 56010936

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013743.D
Acq On : 23 Jan 2018 22:34
Operator : SJ/JU
Sample : J1220-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013743.D
Acq On : 23 Jan 2018 22:34
Operator : SJ/JU
Sample : J1220-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

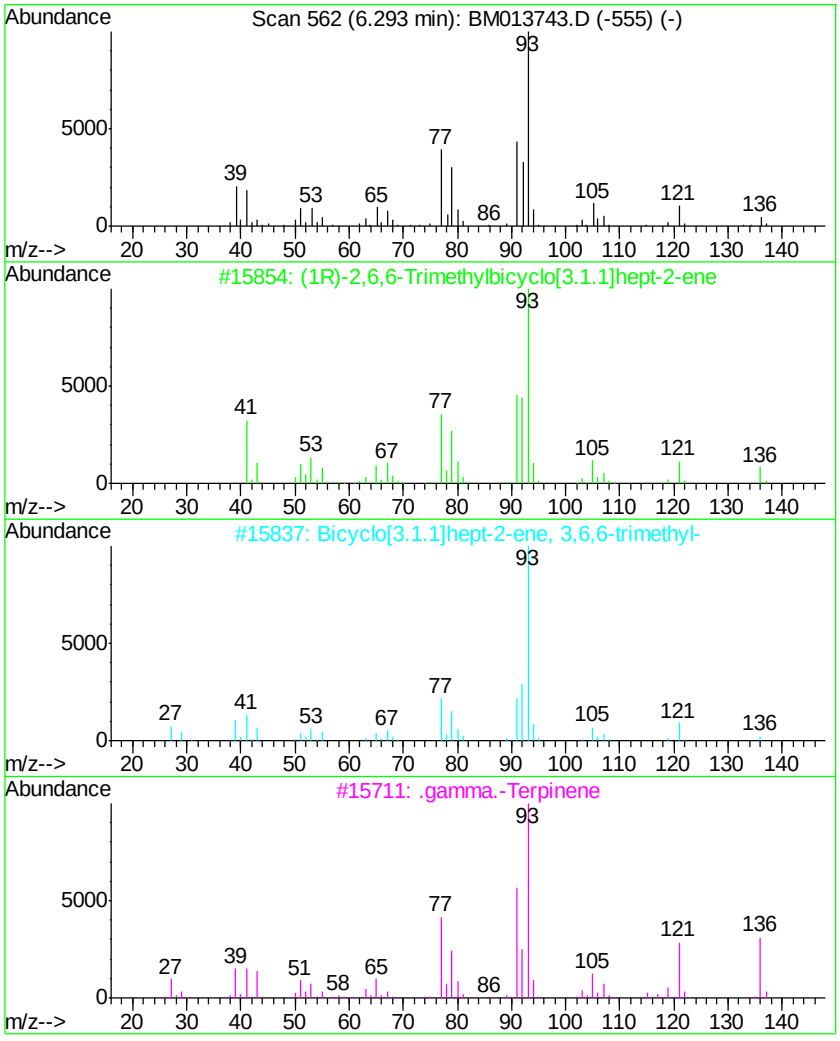
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

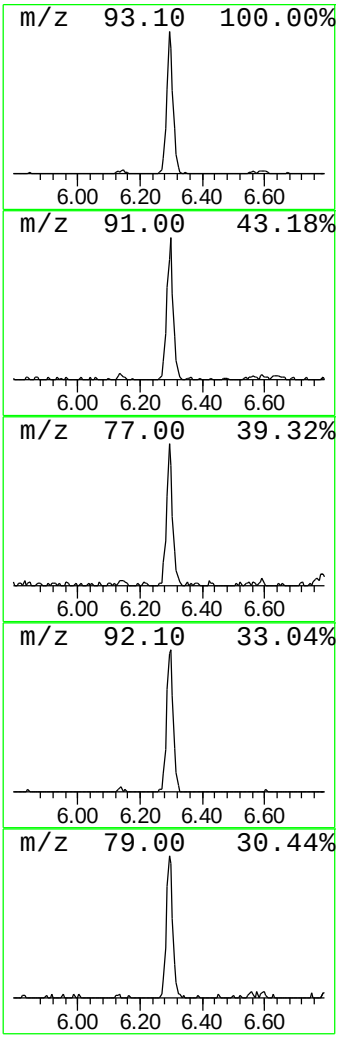
****

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	7.13 ng/ul	373808	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	96
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	90
3	.gamma.-Terpinene	136	C10H16	000099-85-4	87
4	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	87
5	3-Carene	136	C10H16	013466-78-9	80





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013743.D
Acq On : 23 Jan 2018 22:34
Operator : SJ/JU
Sample : J1220-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

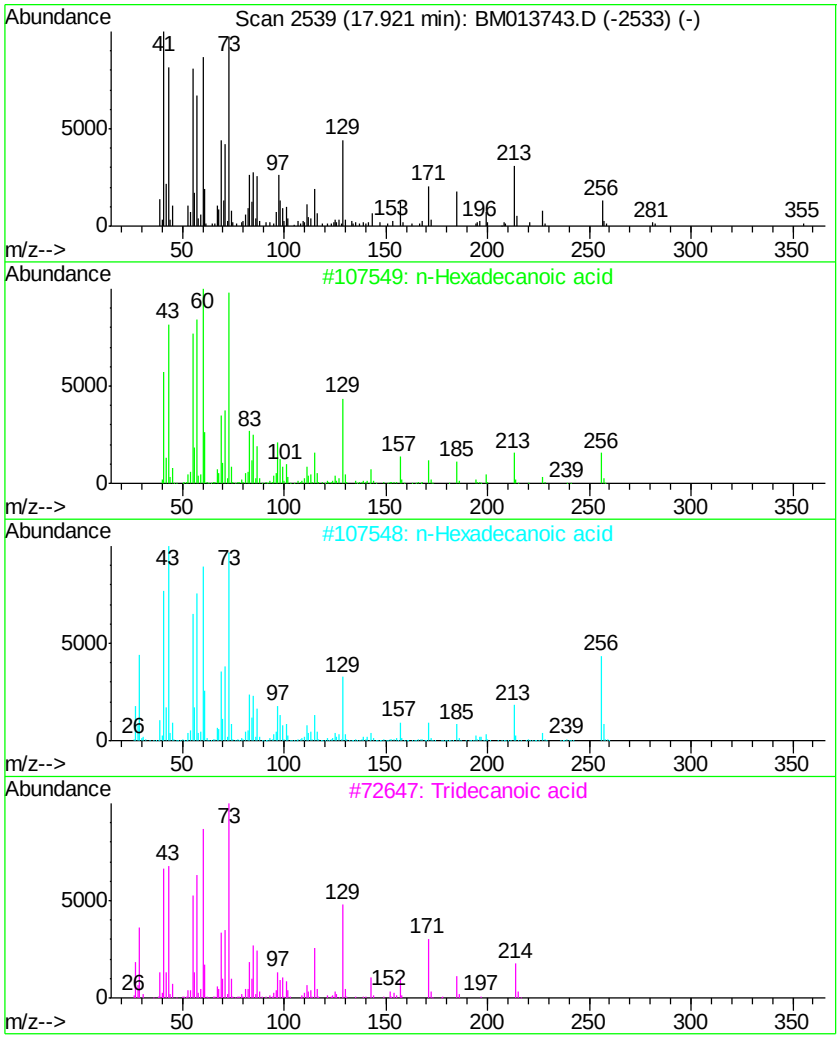
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

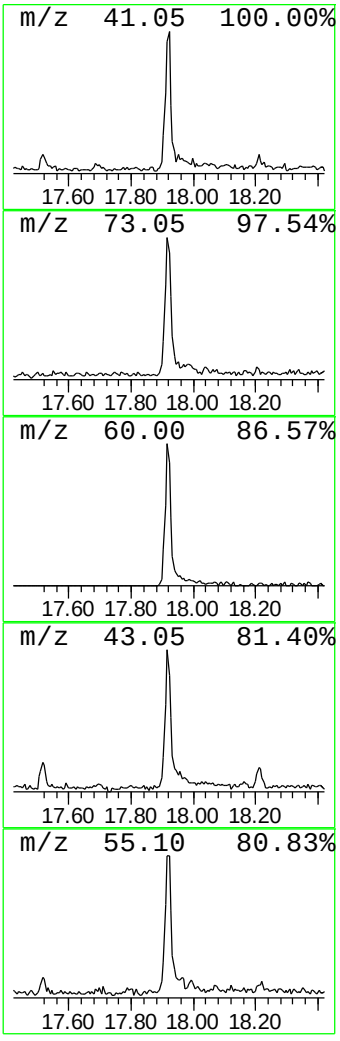
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	5.32 ng/ul	530221	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Octadecanoic acid	284	C18H36O2	000057-11-4	90





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013743.D
Acq On : 23 Jan 2018 22:34
Operator : SJ/JU
Sample : J1220-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

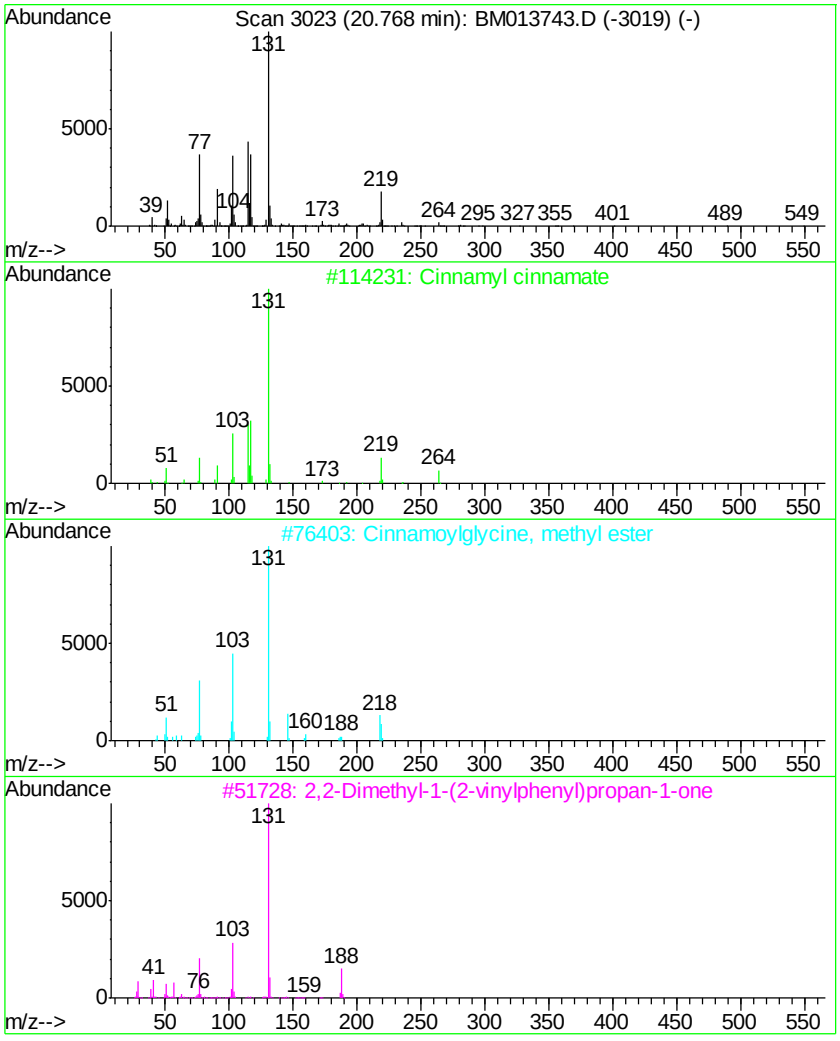
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

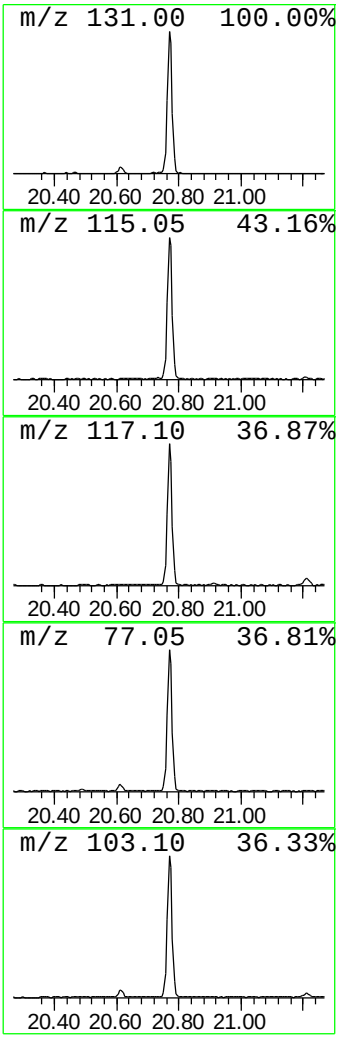
****

Peak Number 3 Cinnamyl cinnamate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	19.31 ng/ul	2334680	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	87
2	Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	50
3	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	49
4	Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	47
5	p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	47





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013743.D
Acq On : 23 Jan 2018 22:34
Operator : SJ/JU
Sample : J1220-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

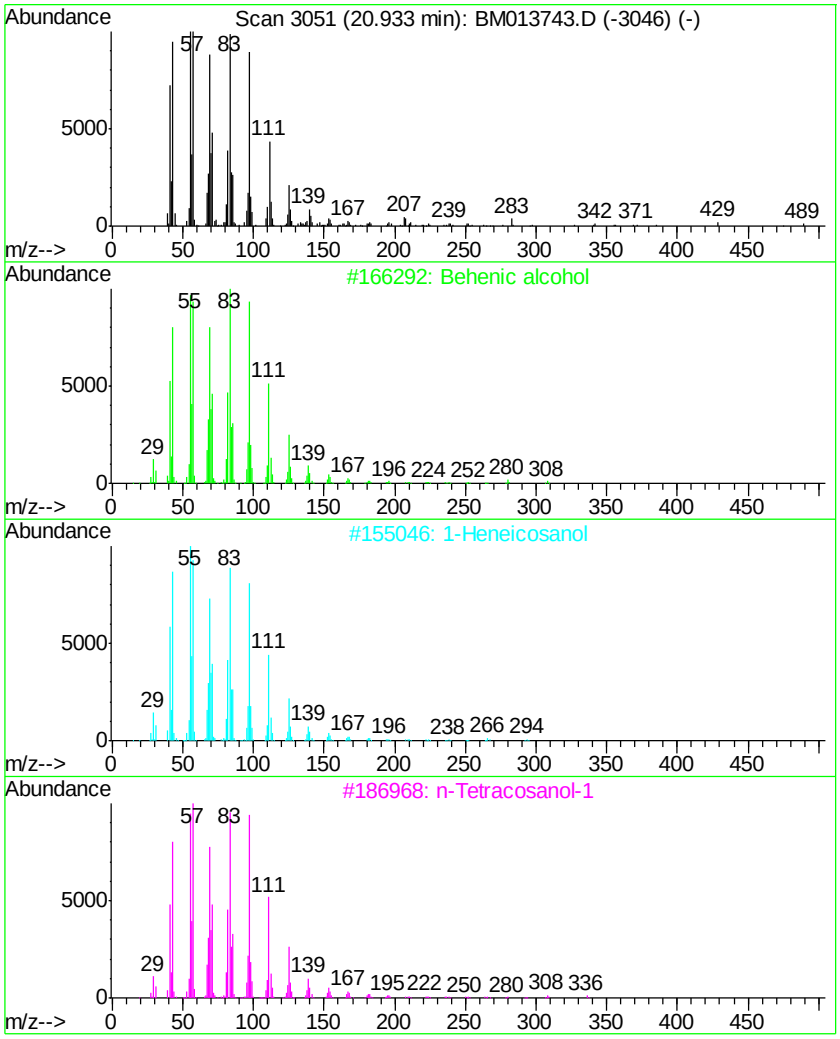
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

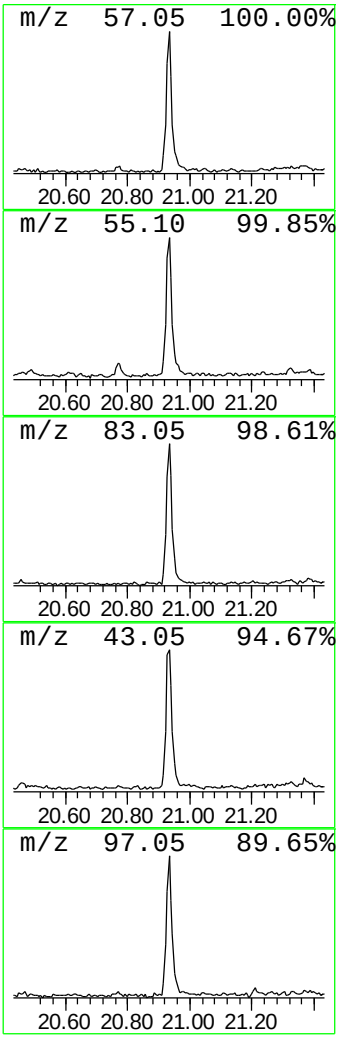
****

Peak Number 4 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	7.21 ng/ul	871676	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013743.D
Acq On : 23 Jan 2018 22:34
Operator : SJ/JU
Sample : J1220-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

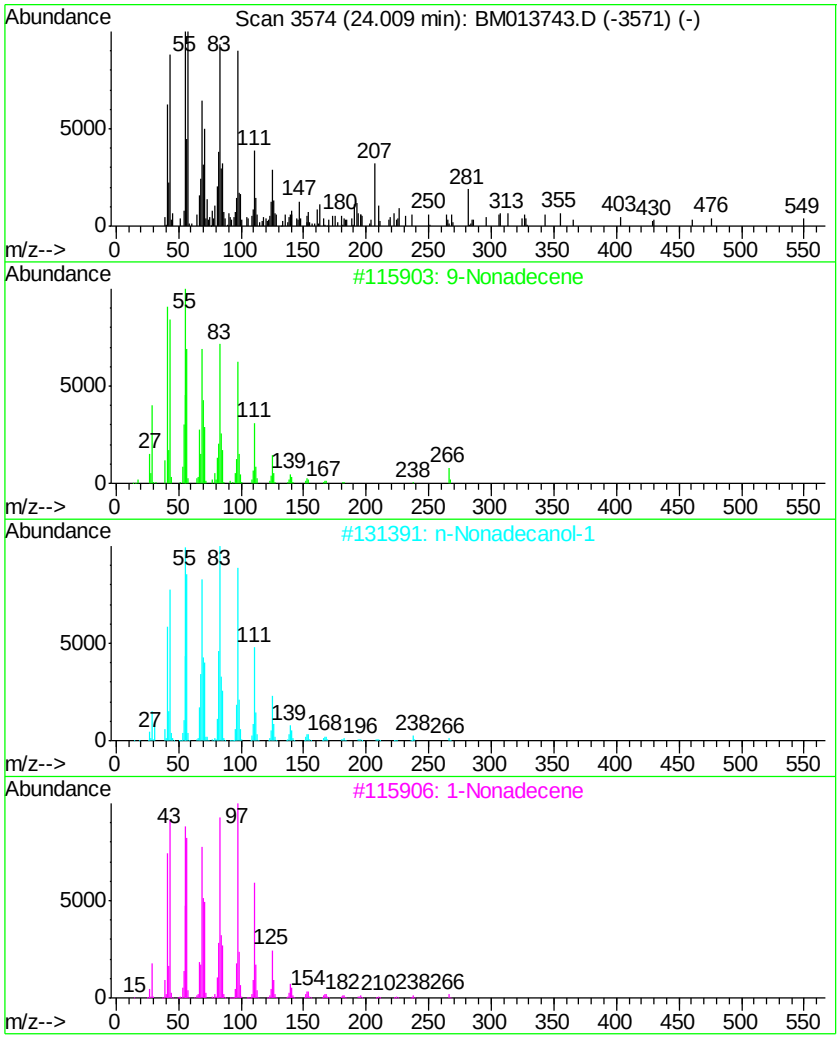
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

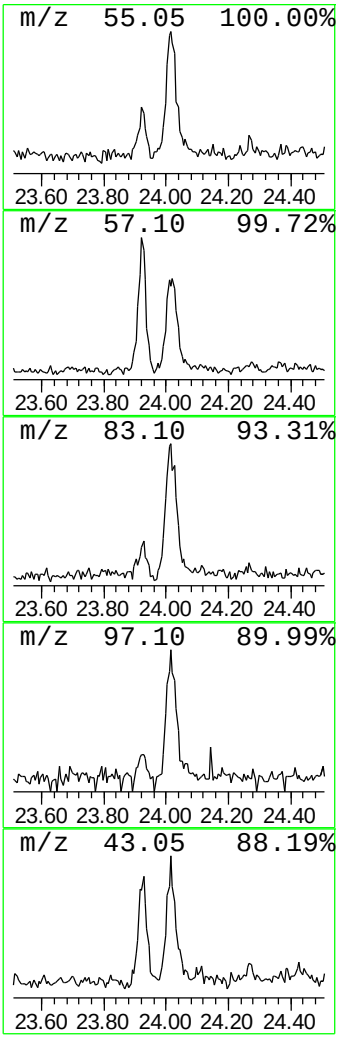
****

Peak Number 5 (DEL) Alkane: Cyclic24.01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	3.14 ng/ul	350231	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Nonadecene	266	C19H38	031035-07-1	87
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	87
3	1-Nonadecene	266	C19H38	018435-45-5	87
4	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	83
5	Acetic acid n-octadecyl ester	312	C20H40O2	000822-23-1	83





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013743.D
Acq On : 23 Jan 2018 22:34
Operator : SJ/JU
Sample : J1220-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA 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
(1R)-2,6,6-Trimet...	6.29	7.1	ng/ul	373808	1	7.61	1048730	20.0
n-Hexadecanoic acid	17.92	5.3	ng/ul	530221	4	17.01	1991900	20.0
Cinnamyl cinnamate	20.77	19.3	ng/ul	2334680	5	21.21	2418690	20.0
Behenic alcohol	20.93	7.2	ng/ul	871676	5	21.21	2418690	20.0
(DEL) Alkane: Cyc...	24.01	3.1	ng/ul	350231	6	23.41	2233840	20.0