LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062116\
Data File : BM005899.D
Acq On : 21 Jun 2016 20:00
Operator : UM/SJ
Sample : H3612-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z36

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\SOM02.2-EPA-BM062116.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	6.845	716	724	734	rBV	754863	1265258	21.21%	1.794%
2	7.016	746	753	761	rBV	588258	943627	15.82%	1.338%
3	7.210	779	786	796	rBV	727191	1186875	19.90%	1.682%
4	7.675	857	865	875	rBV	723745	1232120	20.66%	1.747%
5	7.981	910	917	925	rBV	535435	879907	14.75%	1.247%
6	8.375	977	984	997	rVB	966103	1624429	27.23%	2.303%
7	8.492	998	1004	1009	rBV	39697	65560	1.10%	0.093%
8	8.828	1046	1061	1071	rBV	754563	1305067	21.88%	1.850%
9	9.545	1171	1183	1195	rBV	576389	970032	16.26%	1.375%
10	10.075	1265	1273	1283	rBV	959765	1729523	28.99%	2.452%
11	10.233	1294	1300	1307	rBV	41397	71506	1.20%	0.101%
12	10.457	1331	1338	1353	rVB	1236956	2227745	37.35%	3.158%
13	10.592	1353	1361	1375	rBV	589145	1121170	18.80%	1.589%
14	13.739	1889	1896	1900	rBV	1880854	2912375	48.82%	4.128%
15	13.780	1900	1903	1914	rVB	633936	981628	16.46%	1.392%
16	14.016	1933	1943	1952	rBV	2165600	3404190	57.07%	4.826%
17	14.321	1988	1995	2004	rBV2	2106723	3373643	56.56%	4.782%
18	14.516	2021	2028	2036	rBV	793618	1180181	19.78%	1.673%
19	15.192	2139	2143	2150	rBV	68029	94849	1.59%	0.134%
20	15.321	2158	2165	2172	rVB	2803938	4308683	72.23%	6.108%
21	15.433	2178	2184	2200	rVB	730150	1090090	18.27%	1.545%
22	15.557	2200	2205	2209	rBV2	45578	78840	1.32%	0.112%
23	15.810	2243	2248	2254	rVB7	30666	67786	1.14%	0.096%
24	15.898	2254	2263	2270	rBV4	52727	114640	1.92%	0.163%
25	16.057	2284	2290	2303	rVB2	141141	269855	4.52%	0.383%
26	16.851	2420	2425	2430	rBV2	82674	124234	2.08%	0.176%
27	17.068	2455	2462	2469	rBV2	2803830	4299331	72.07%	6.095%
28	17.168	2473	2479	2491	rVB2	3192254	4794639	80.38%	6.797%
29	17.268	2491	2496	2502	rBV3	123255	200818	3.37%	0.285%
30	17.586	2545	2550	2556	rBV2	40498	70405	1.18%	0.100%
31	17.827	2584	2591	2596	rBV2	196027	301578	5.06%	0.428%
32	17.974	2609	2616	2623	rBV2	232356	433357	7.26%	0.614%
33	18.104	2634	2638	2643	rBV4	43670	59898	1.00%	0.085%
34	18.551	2709	2714	2721	rVB3	125884	174612	2.93%	0.248%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062116\
Data File : BM005899.D
Acq On : 21 Jun 2016 20:00
Operator : UM/SJ
Sample : H3612-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z36

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\SOM02.2-EPA-BM062116.M
Title : SVOA CALIBRATION

35	19.098	2803	2807	2809	rBV	53301	72390	1.21%	0.103%
36	19.133	2809	2813	2820	rVB	83616	142452	2.39%	0.202%
37	19.268	2832	2836	2843	rBV3	98542	161504	2.71%	0.229%
38	19.468	2864	2870	2881	rBV	4185348	5965199	100.00%	8.456%
39	19.621	2892	2896	2901	rBV2	261275	350038	5.87%	0.496%
40	19.915	2943	2946	2952	rVB	59186	72957	1.22%	0.103%
41	20.086	2971	2975	2979	rVB5	54145	82070	1.38%	0.116%
42	20.139	2982	2984	2995	rVB10	39666	74047	1.24%	0.105%
43	20.462	3036	3039	3044	rVB	57475	70052	1.17%	0.099%
44	20.992	3124	3129	3137	rBV	718327	995180	16.68%	1.411%
45	21.197	3160	3164	3169	rBV	165451	214968	3.60%	0.305%
46	21.262	3169	3175	3180	rBV	4167248	5618238	94.18%	7.964%
47	21.880	3275	3280	3291	rBV	425905	736499	12.35%	1.044%
48	22.839	3438	3443	3446	rBV	505579	760541	12.75%	1.078%
49	22.874	3447	3449	3458	rVB	198792	279029	4.68%	0.396%
50	23.350	3523	3530	3536	rBV2	2971084	5664204	94.95%	8.029%
51	23.491	3546	3554	3568	rVB	2752703	5430725	91.04%	7.698%
52	24.044	3644	3648	3656	rVB	238179	437568	7.34%	0.620%
53	24.127	3657	3662	3671	rVB3	234327	457929	7.68%	0.649%

Sum of corrected areas: 70544041

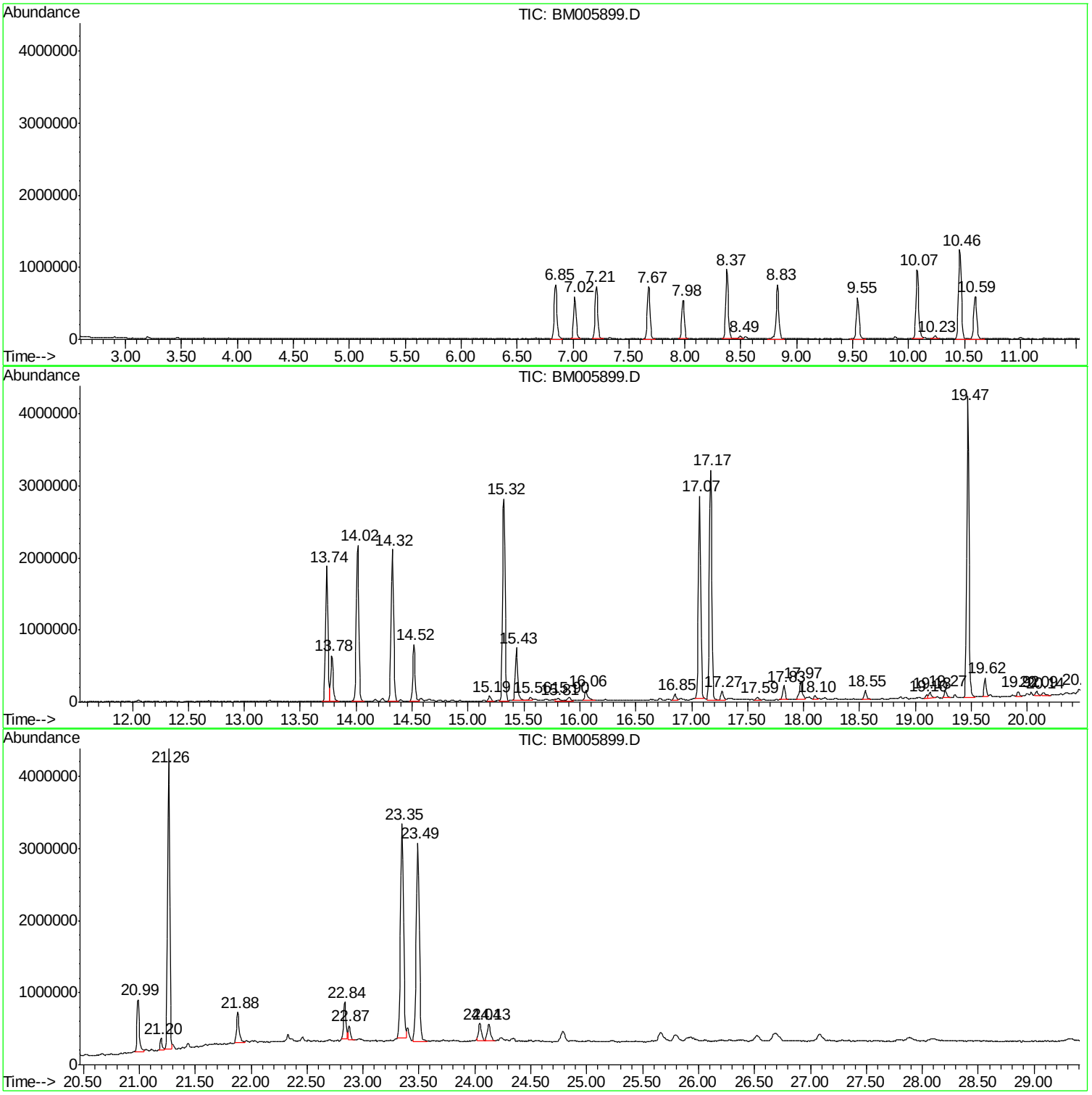
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062116\
Data File : BM005899.D
Acq On : 21 Jun 2016 20:00
Operator : UM/SJ
Sample : H3612-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062116\
Data File : BM005899.D
Acq On : 21 Jun 2016 20:00
Operator : UM/SJ
Sample : H3612-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
Quant Title : SVOA CALIBRATION

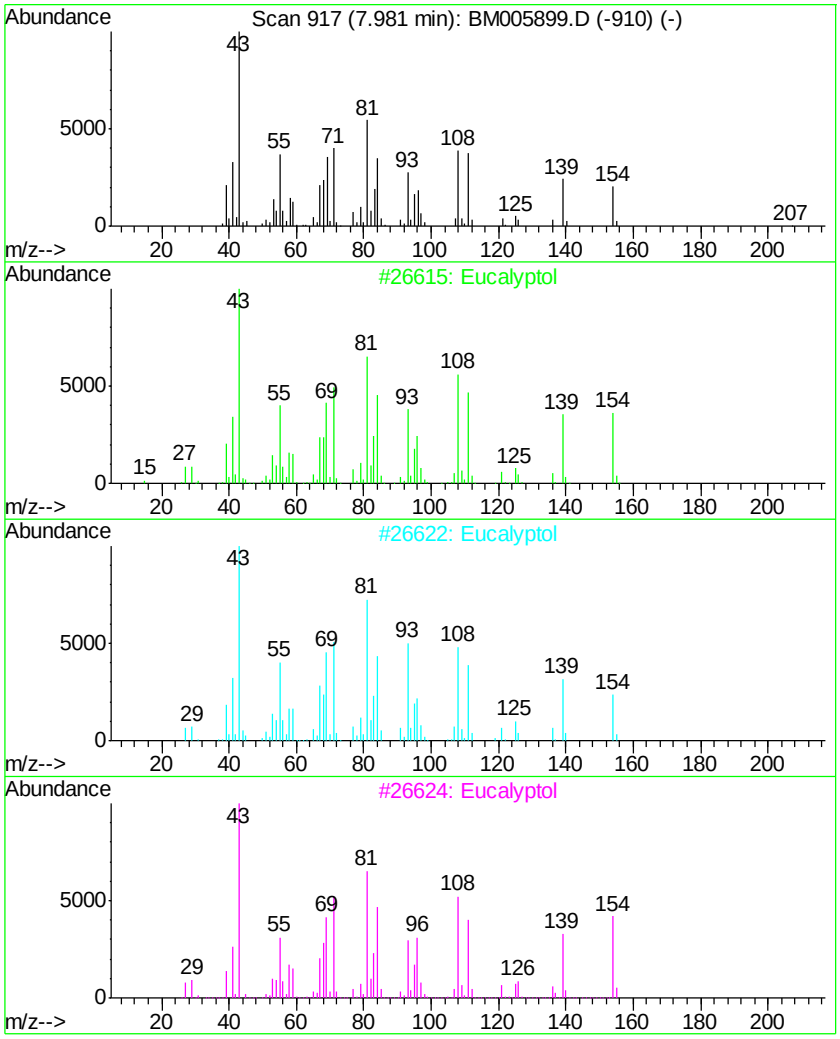
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

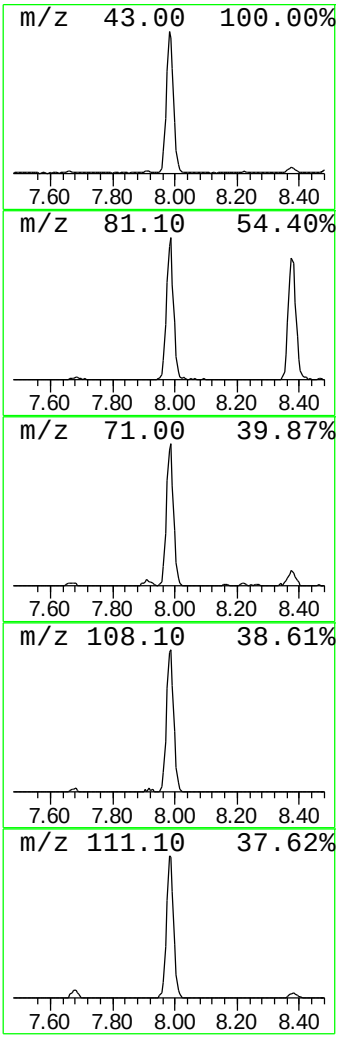
****

Peak Number 1 Eucalyptol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	14.28 ng/ul	879907	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	97
2	Eucalyptol	154	C10H18O	000470-82-6	93
3	Eucalyptol	154	C10H18O	000470-82-6	90
4	Eucalyptol	154	C10H18O	000470-82-6	86
5	Eucalyptol	154	C10H18O	000470-82-6	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062116\
Data File : BM005899.D
Acq On : 21 Jun 2016 20:00
Operator : UM/SJ
Sample : H3612-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
Quant Title : SVOA CALIBRATION

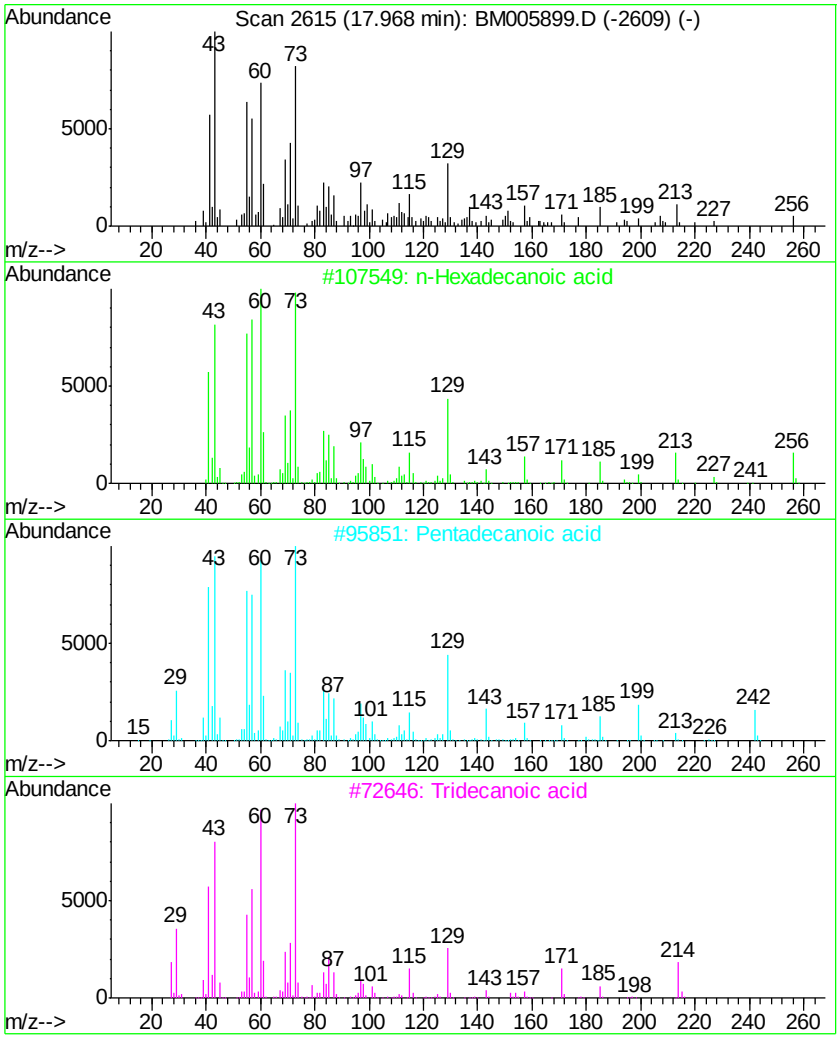
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

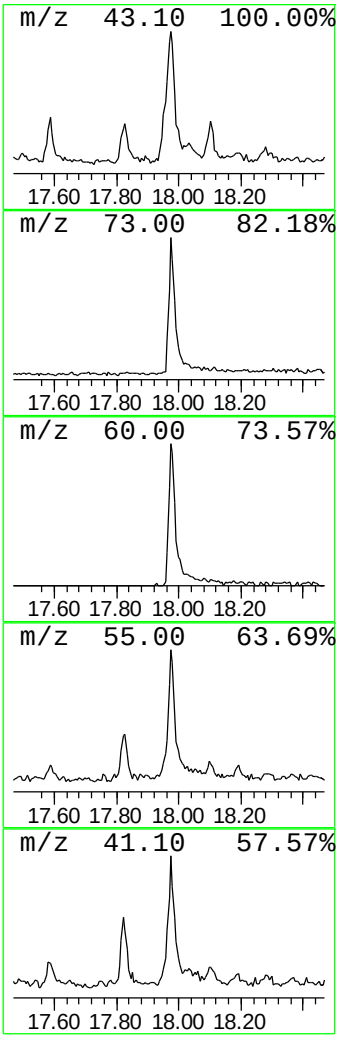
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.02 ng/ul	433357	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





Data Path : Z:\HPCHEM1\BNA M\DATA\BM062116\
Data File : BM005899.D
Acq On : 21 Jun 2016 20:00
Operator : UM/SJ
Sample : H3612-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
Quant Title : SVOA CALIBRATION

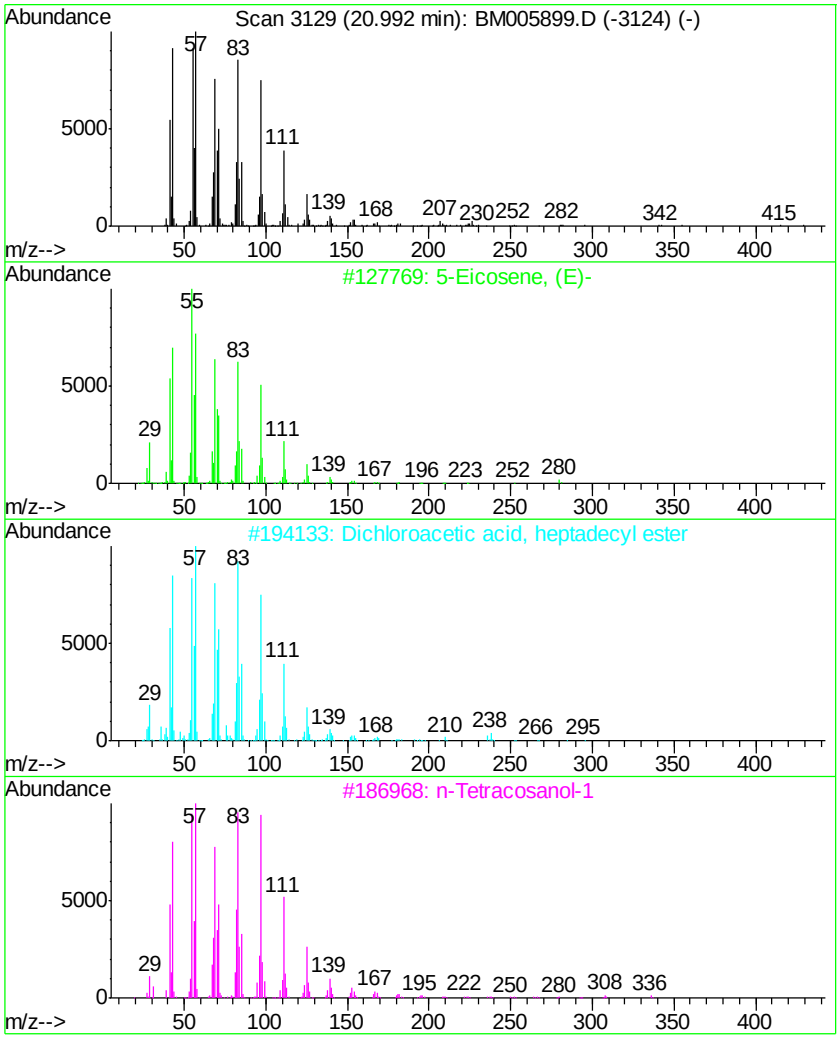
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

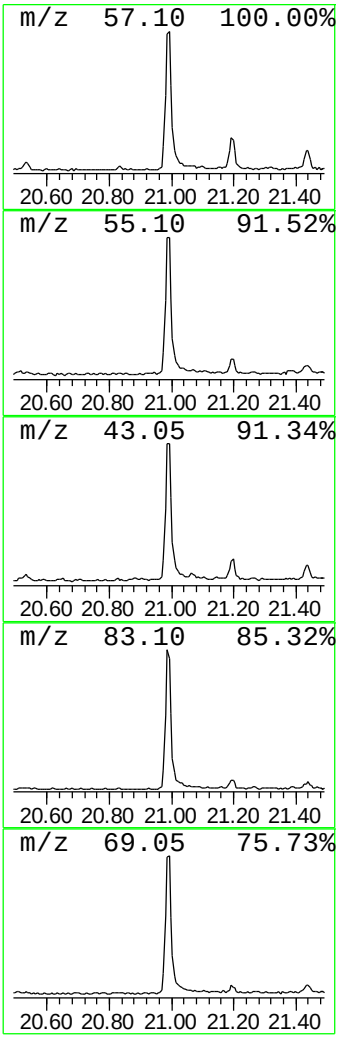
****

Peak Number 3 (DEL) Alkane: Cyclic20.99 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	3.54 ng/ul	995180	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062116\
Data File : BM005899.D
Acq On : 21 Jun 2016 20:00
Operator : UM/SJ
Sample : H3612-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
Quant Title : SVOA CALIBRATION

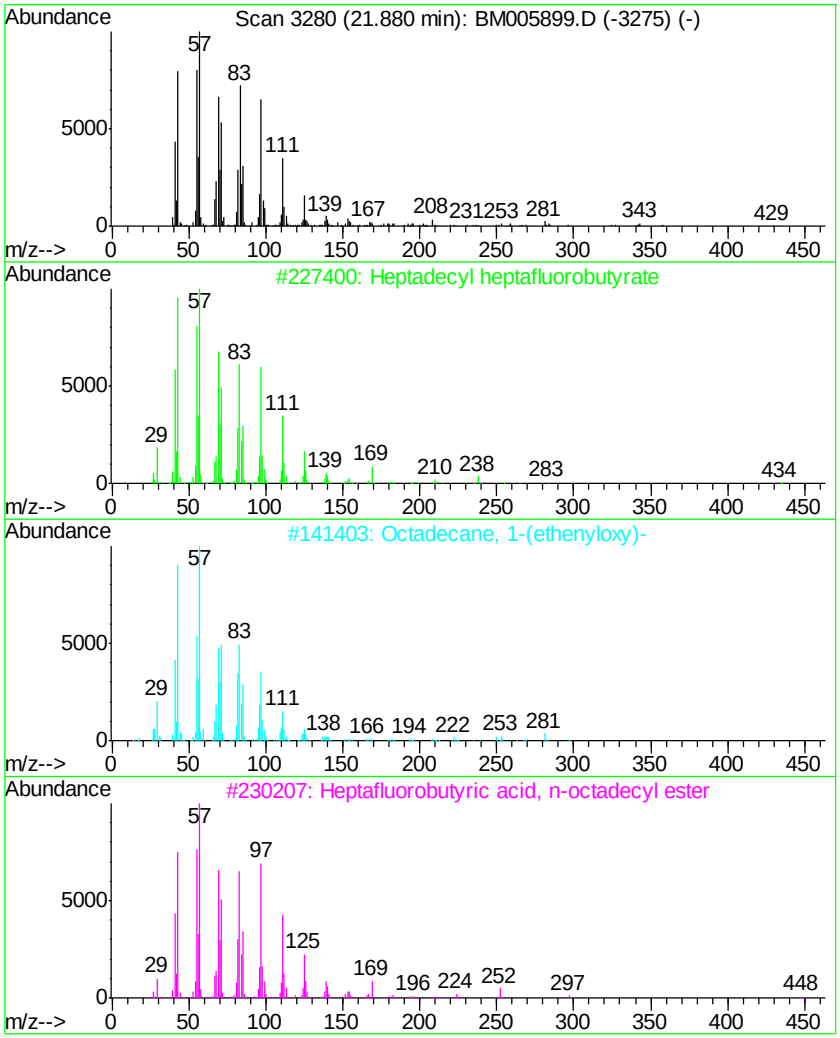
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

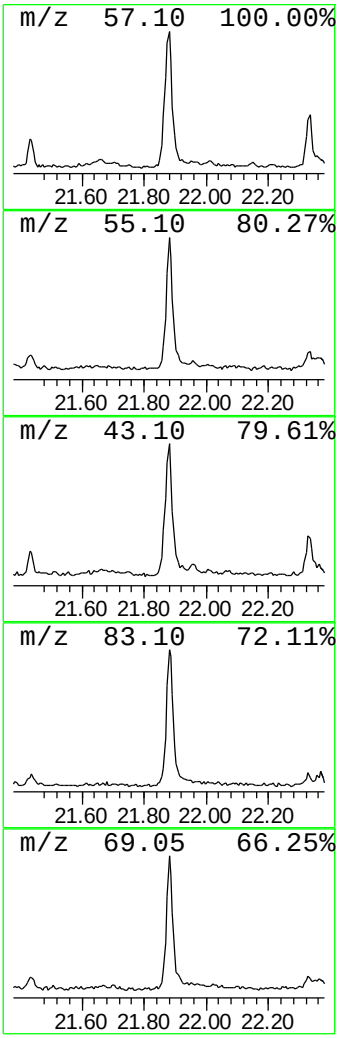
****

Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	2.62 ng/ul	736499	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	93
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
5	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM062116\
Data File : BM005899.D
Acq On : 21 Jun 2016 20:00
Operator : UM/SJ
Sample : H3612-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
Quant Title : SVOA CALIBRATION

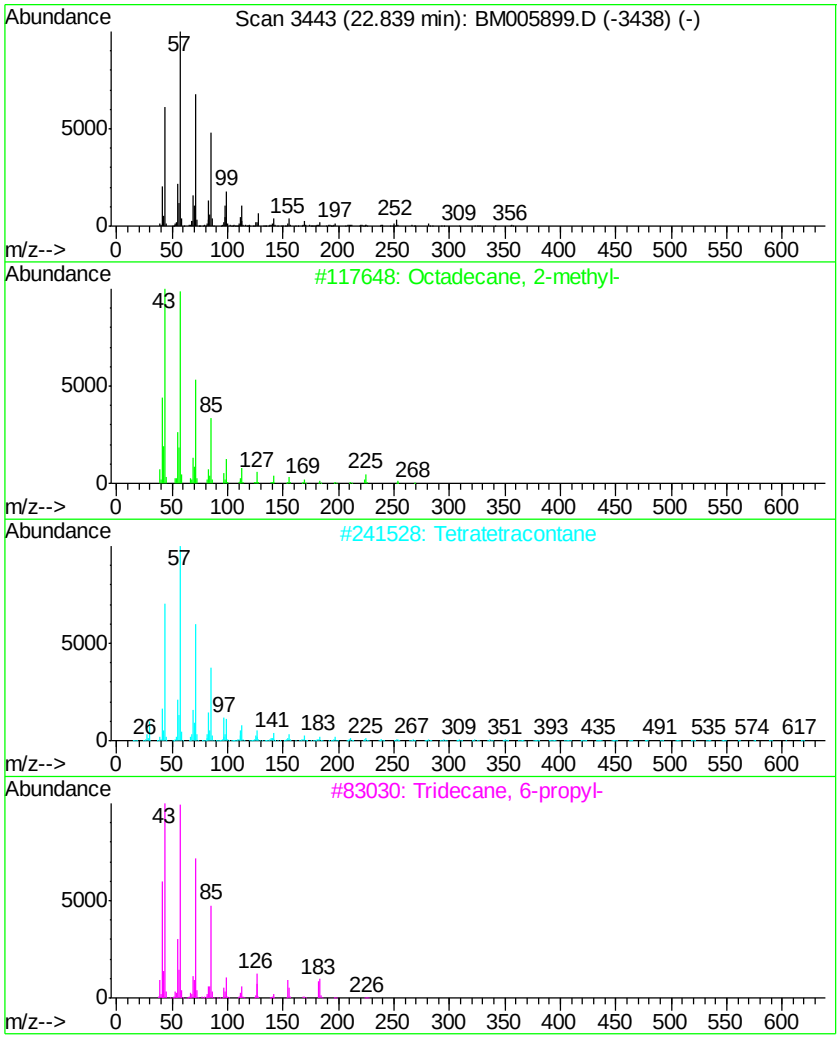
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

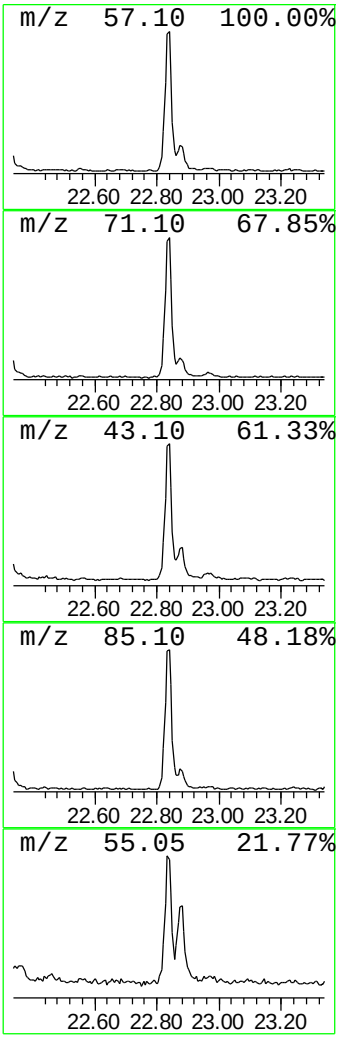
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	2.80 ng/ul	760541	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
Data File : BM005899.D
Acq On : 21 Jun 2016 20:00
Operator : UM/SJ
Sample : H3612-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.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
Eucalyptol	7.98	14.3	ng/ul	879907	1	7.68	1232120	20.0
n-Hexadecanoic acid	17.97	2.0	ng/ul	433357	4	17.07	4299330	20.0
(DEL) Alkane: Cyc...	20.99	3.5	ng/ul	995180	5	21.26	5618240	20.0
Heptadecyl heptaf...	21.88	2.6	ng/ul	736499	5	21.26	5618240	20.0
(DEL) Alkane: Str...	22.84	2.8	ng/ul	760541	6	23.49	5430730	20.0