LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
Data File : BM009770.D
Acq On : 28 Apr 2017 09:04
Operator : SJ/MA
Sample : I2806-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT17

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-BM042517.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	4.951	313	317	325	rBV	55829	84914	1.52%	0.145%
2	6.816	625	634	646	rBV4	49127	144498	2.59%	0.247%
3	6.987	656	663	674	rVB	839323	1368427	24.54%	2.339%
4	7.157	686	692	700	rBV	582978	889460	15.95%	1.520%
5	7.351	718	725	734	rVB	783725	1236402	22.17%	2.113%
6	7.822	798	805	812	rVB	714214	1166645	20.92%	1.994%
7	8.522	917	924	935	rBV	965467	1540235	27.62%	2.632%
8	8.986	996	1003	1012	rBV	788927	1261239	22.62%	2.156%
9	9.704	1116	1125	1137	rBV	667032	1105050	19.82%	1.889%
10	9.922	1156	1162	1170	rVB2	50976	86224	1.55%	0.147%
11	10.239	1207	1216	1226	rBV	1008848	1745959	31.31%	2.984%
12	10.616	1271	1280	1287	rBV	1017308	1722562	30.89%	2.944%
13	10.763	1298	1305	1316	rBV	783668	1400415	25.11%	2.393%
14	12.722	1634	1638	1643	rBV2	45132	62680	1.12%	0.107%
15	13.174	1709	1715	1725	rVB	195976	285030	5.11%	0.487%
16	13.874	1828	1834	1838	rBV	1695844	2281947	40.92%	3.900%
17	13.921	1838	1842	1849	rVB	405995	528653	9.48%	0.903%
18	14.098	1865	1872	1877	rBV	385300	593183	10.64%	1.014%
19	14.163	1877	1883	1889	rVB	1797761	2708505	48.57%	4.629%
20	14.468	1928	1935	1944	rBV2	1573290	2356137	42.25%	4.027%
21	14.674	1963	1970	1983	rBV	936971	1497016	26.85%	2.558%
22	14.874	1999	2004	2014	rBV	487265	685600	12.29%	1.172%
23	15.292	2071	2075	2080	rVB	81942	100056	1.79%	0.171%
24	15.462	2097	2104	2110	rVB	2547554	3503692	62.83%	5.988%
25	15.592	2120	2126	2133	rBV	1012574	1418419	25.44%	2.424%
26	15.698	2137	2144	2149	rVB5	51353	92688	1.66%	0.158%
27	15.992	2190	2194	2206	rBV	140692	251329	4.51%	0.430%
28	16.157	2218	2222	2229	rBV	119894	204100	3.66%	0.349%
29	16.333	2248	2252	2258	rVB2	110424	152209	2.73%	0.260%
30	16.598	2293	2297	2304	rBV2	153095	222083	3.98%	0.380%
31	16.945	2352	2356	2361	rBV	79524	106462	1.91%	0.182%
32	16.998	2361	2365	2371	rVB7	40256	57837	1.04%	0.099%
33	17.215	2396	2402	2408	rBV2	2130349	2994290	53.69%	5.117%
34	17.315	2410	2419	2425	rVV2	3086677	4292348	76.97%	7.336%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
Data File : BM009770.D
Acq On : 28 Apr 2017 09:04
Operator : SJ/MA
Sample : I2806-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT17

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-BM042517.M
Title : SVOA CALIBRATION

35	17.686	2478	2482	2487	rBV3	52248	65419	1.17%	0.112%
36	17.792	2496	2500	2504	rVB2	91420	114820	2.06%	0.196%
37	17.886	2512	2516	2520	rVB4	51735	78039	1.40%	0.133%
38	18.092	2545	2551	2561	rBV	410069	586294	10.51%	1.002%
39	18.380	2595	2600	2608	rBV2	174323	242486	4.35%	0.414%
40	18.551	2625	2629	2638	rBV	246212	359204	6.44%	0.614%
41	18.627	2638	2642	2650	rVB3	41458	81395	1.46%	0.139%
42	19.250	2744	2748	2753	rVB3	62384	88276	1.58%	0.151%
43	19.368	2765	2768	2775	rBV5	60404	79154	1.42%	0.135%
44	19.498	2787	2790	2795	rBV5	37526	57629	1.03%	0.098%
45	19.609	2803	2809	2818	rBV	3975508	5576487	100.00%	9.530%
46	19.809	2839	2843	2849	rBV2	115193	172332	3.09%	0.295%
47	20.003	2872	2876	2880	rBV3	120110	161748	2.90%	0.276%
48	20.097	2888	2892	2902	rVB9	66010	133222	2.39%	0.228%
49	20.592	2974	2976	2984	rVB8	50463	93261	1.67%	0.159%
50	20.886	3022	3026	3030	rBV	262100	344383	6.18%	0.589%
51	21.009	3043	3047	3051	rBV5	99781	148770	2.67%	0.254%
52	21.080	3056	3059	3064	rBV	851921	1039888	18.65%	1.777%
53	21.292	3092	3095	3097	rBV	175117	180727	3.24%	0.309%
54	21.397	3107	3113	3118	rBV	2973788	3684196	66.07%	6.296%
55	22.568	3309	3312	3319	rVB4	145197	196361	3.52%	0.336%
56	23.562	3473	3481	3489	rBV2	1980707	4044249	72.52%	6.912%
57	23.709	3499	3506	3516	rVB	1401676	2837384	50.88%	4.849%

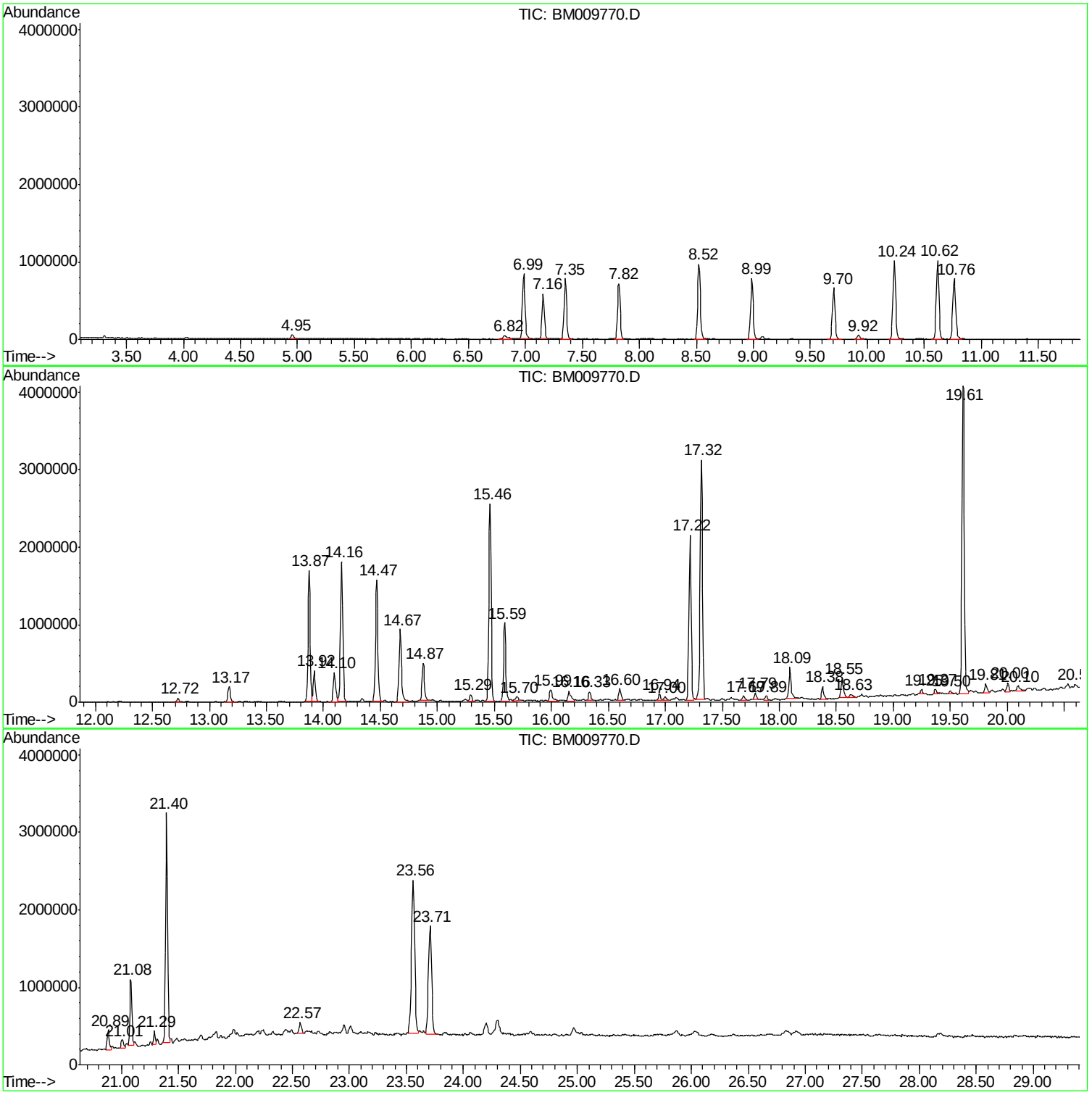
Sum of corrected areas: 58512018

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
Data File : BM009770.D
Acq On : 28 Apr 2017 09:04
Operator : SJ/MA
Sample : I2806-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.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\BM042717\
Data File : BM009770.D
Acq On : 28 Apr 2017 09:04
Operator : SJ/MA
Sample : I2806-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

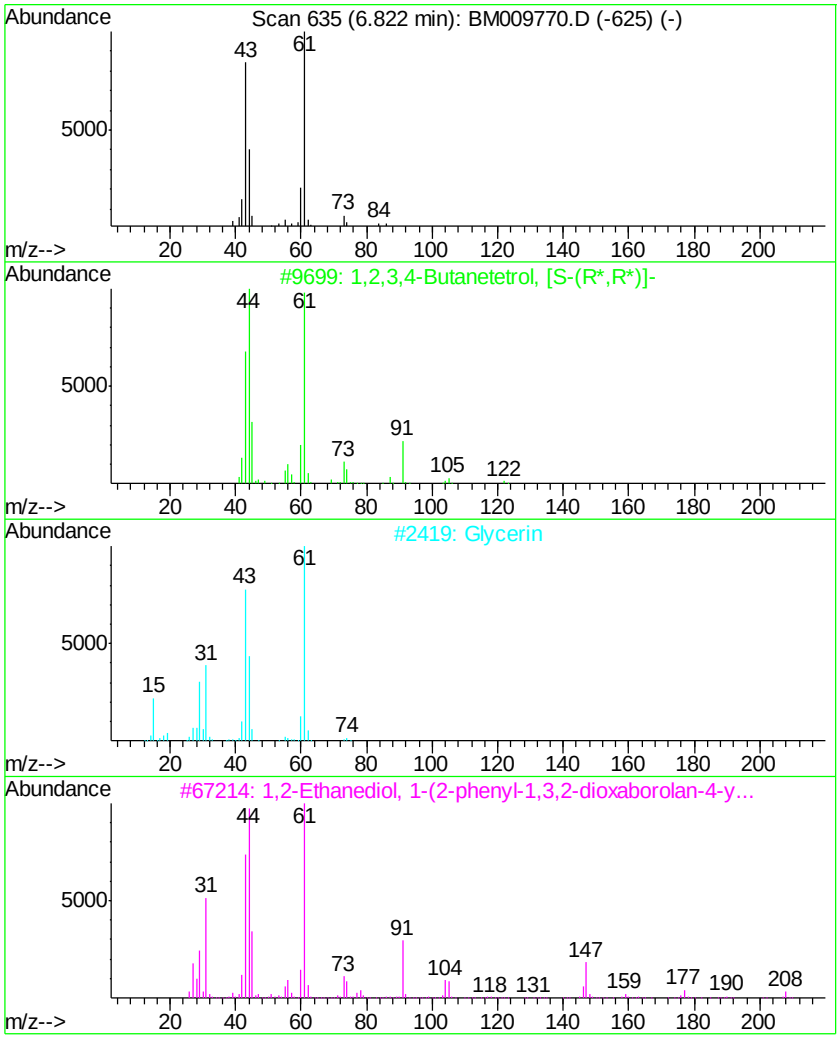
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

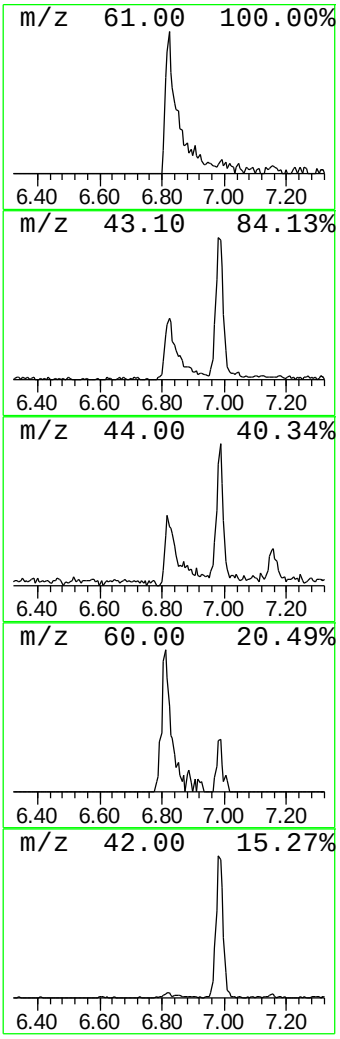
****

Peak Number 1 1,2,3,4-Butanetetrol, [S-(R... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	2.48 ng/ul	144498	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4-Butanetetrol, [S-(R*,R*)]-	122	C4H10O4	002319-57-5	50
2	Glycerin	92	C3H8O3	000056-81-5	40
3	1,2-Ethanediol, 1-(2-phenyl-1,3,...	208	C10H13BO4	074807-80-0	39
4	Glycerin	92	C3H8O3	000056-81-5	39
5	Ethane, 1,1,1-triethoxy-	162	C8H18O3	000078-39-7	28





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
Data File : BM009770.D
Acq On : 28 Apr 2017 09:04
Operator : SJ/MA
Sample : I2806-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

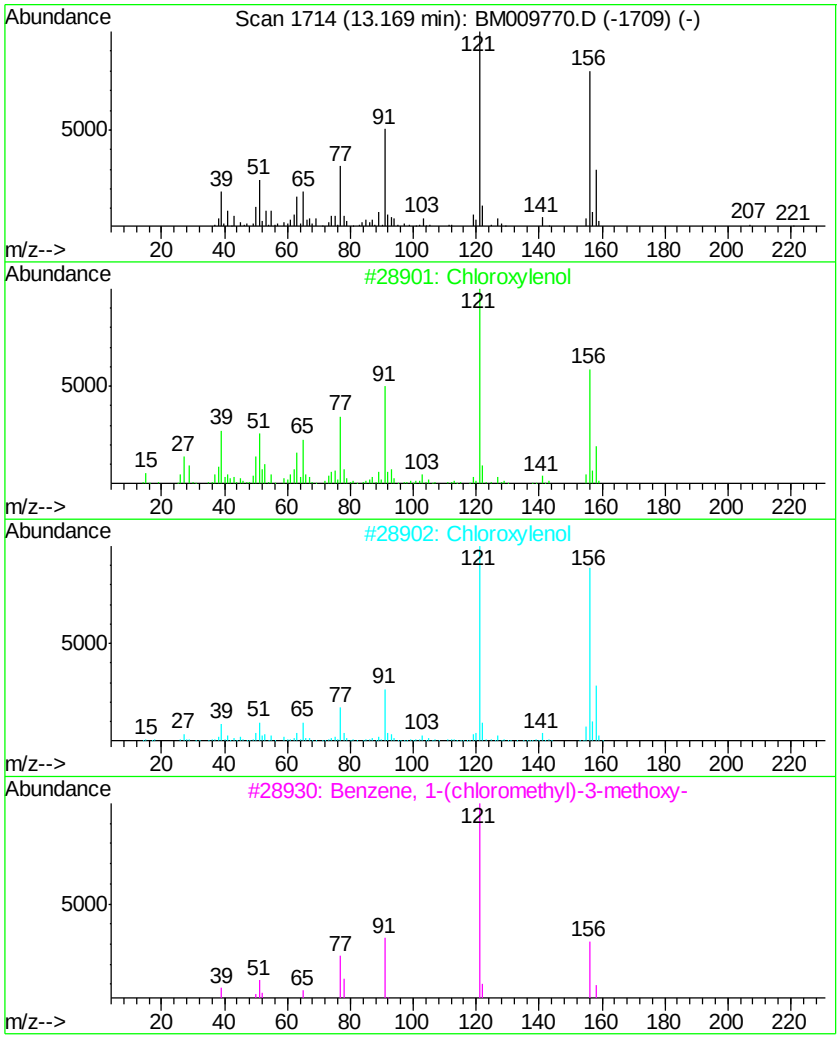
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

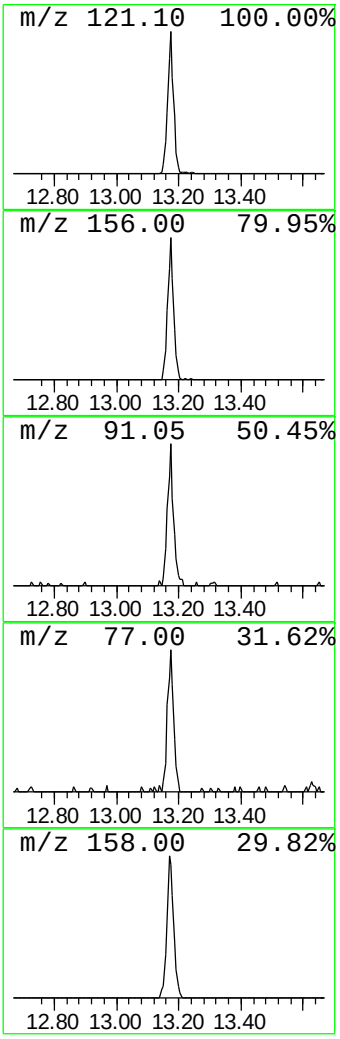
****

Peak Number 2 Chloroxylenol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.42 ng/ul	285030	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloroxylenol	156	C8H9ClO	000088-04-0	94
2	Chloroxylenol	156	C8H9ClO	000088-04-0	94
3	Benzene, 1-(chloromethyl)-3-meth...	156	C8H9ClO	000824-98-6	87
4	4-Chloro-2,6-dimethylphenol	156	C8H9ClO	001123-63-3	80
5	Benzene, 1-(chloromethyl)-3-meth...	156	C8H9ClO	000824-98-6	72





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
Data File : BM009770.D
Acq On : 28 Apr 2017 09:04
Operator : SJ/MA
Sample : I2806-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

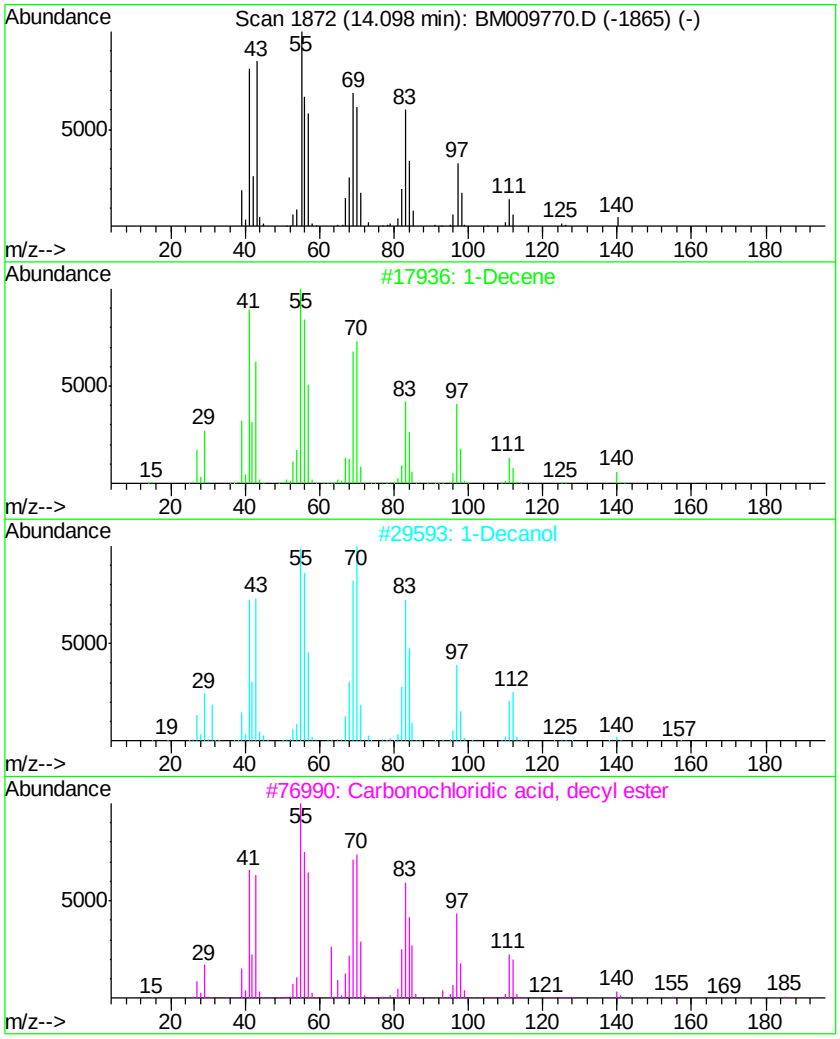
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

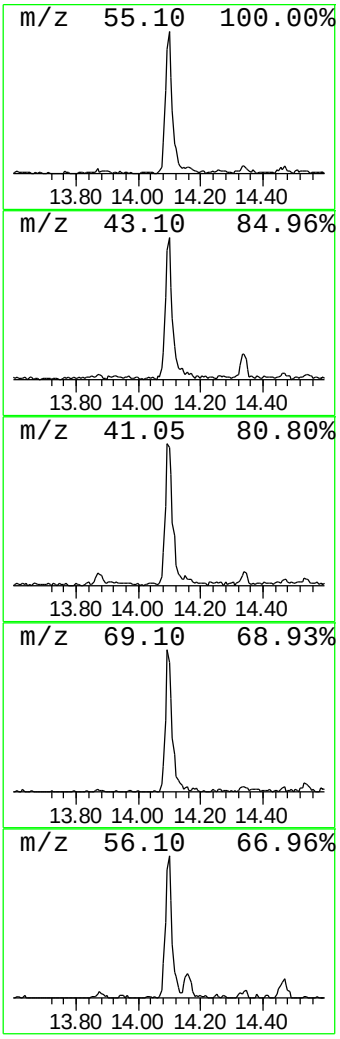
****

Peak Number 3 (DEL) Alkane: Cyclic14.10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	5.04 ng/ul	593183	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	95
2	1-Decanol	158	C10H22O	000112-30-1	91
3	Carbonochloridic acid, decyl ester	220	C11H21ClO2	055488-51-2	91
4	1-Undecanol	172	C11H24O	000112-42-5	90
5	Cyclodecane, methyl-	154	C11H22	013151-43-4	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
Data File : BM009770.D
Acq On : 28 Apr 2017 09:04
Operator : SJ/MA
Sample : I2806-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

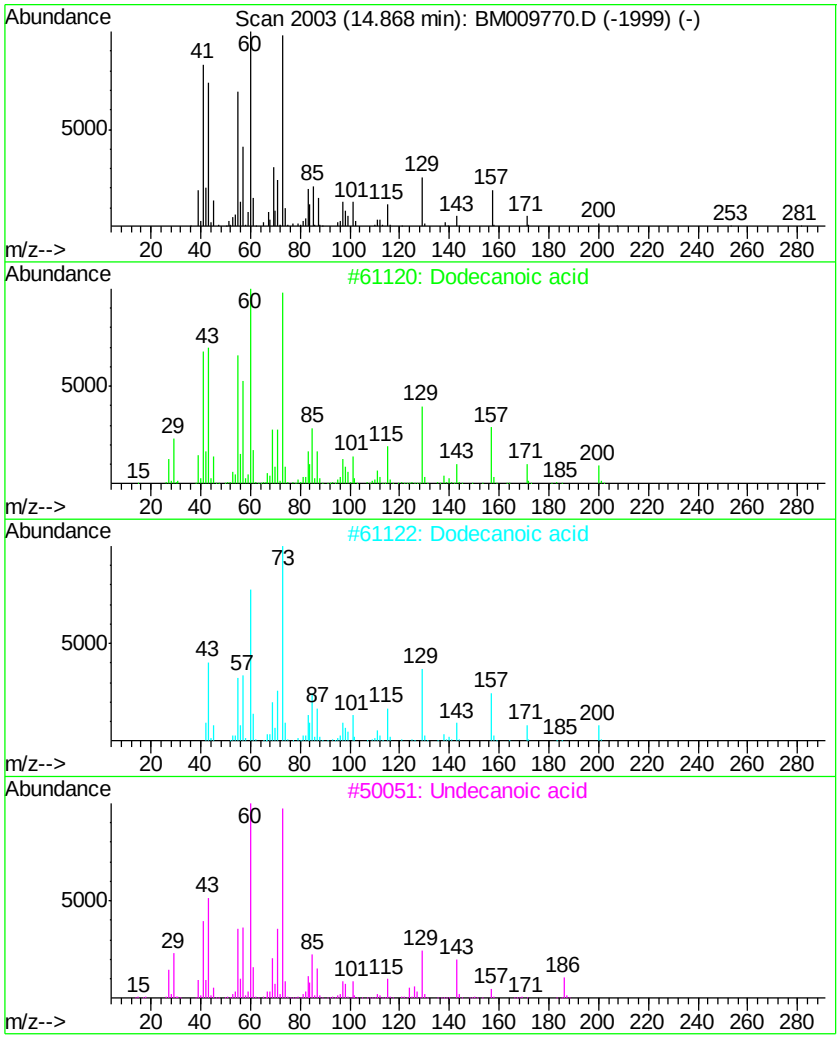
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

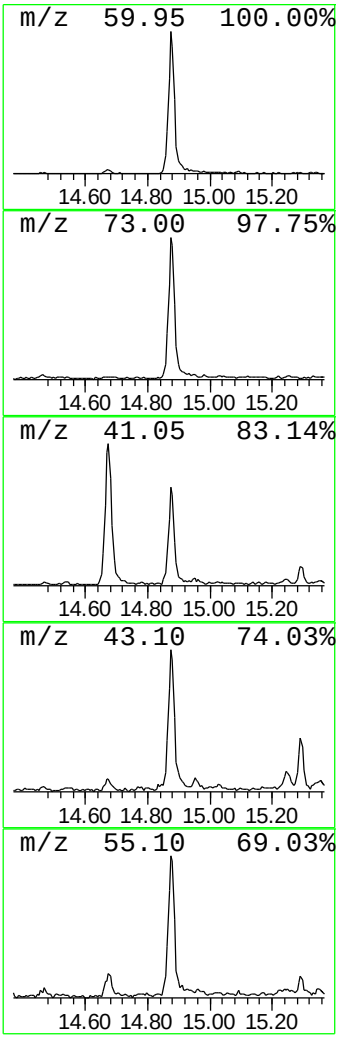
****

Peak Number 4 Dodecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	5.82 ng/ul	685600	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	95
2	Dodecanoic acid	200	C12H24O2	000143-07-7	91
3	Undecanoic acid	186	C11H22O2	000112-37-8	86
4	Dodecanoic acid	200	C12H24O2	000143-07-7	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
Data File : BM009770.D
Acq On : 28 Apr 2017 09:04
Operator : SJ/MA
Sample : I2806-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

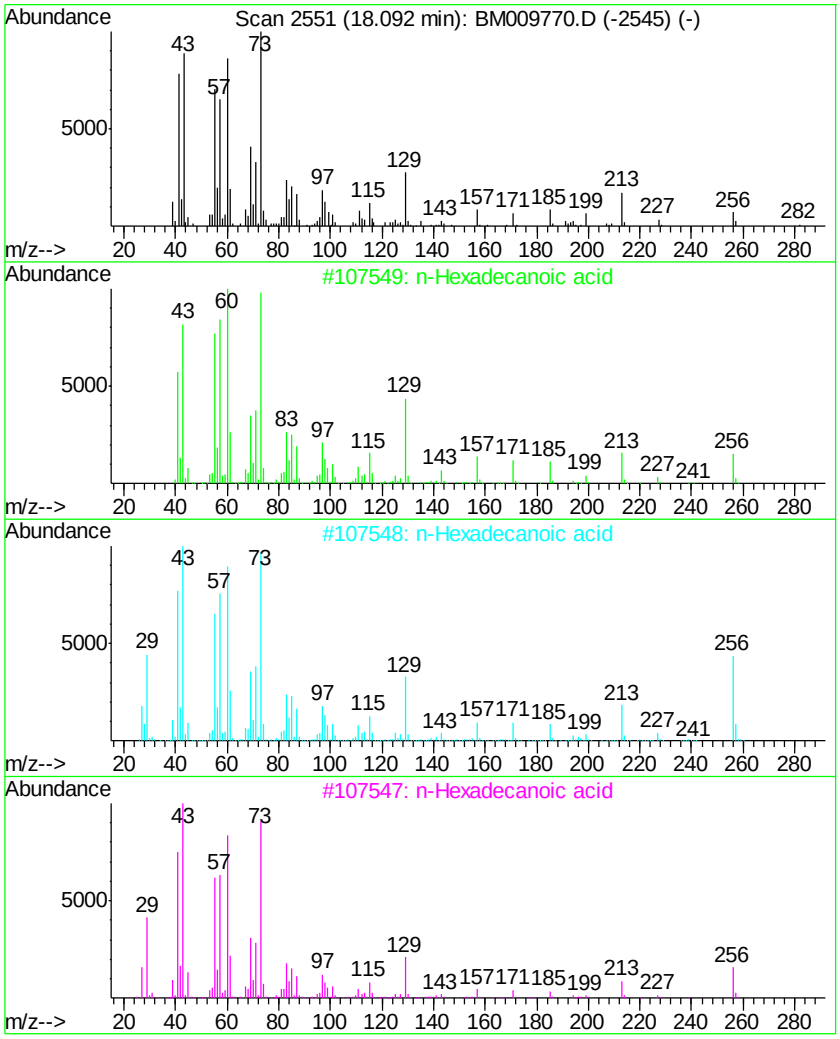
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

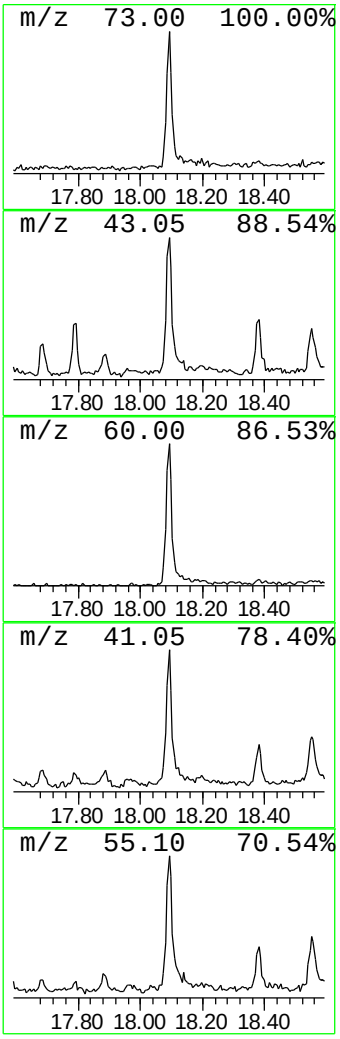
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	3.92 ng/ul	586294	Phenanthrene-d10	17.22

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
Data File : BM009770.D
Acq On : 28 Apr 2017 09:04
Operator : SJ/MA
Sample : I2806-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

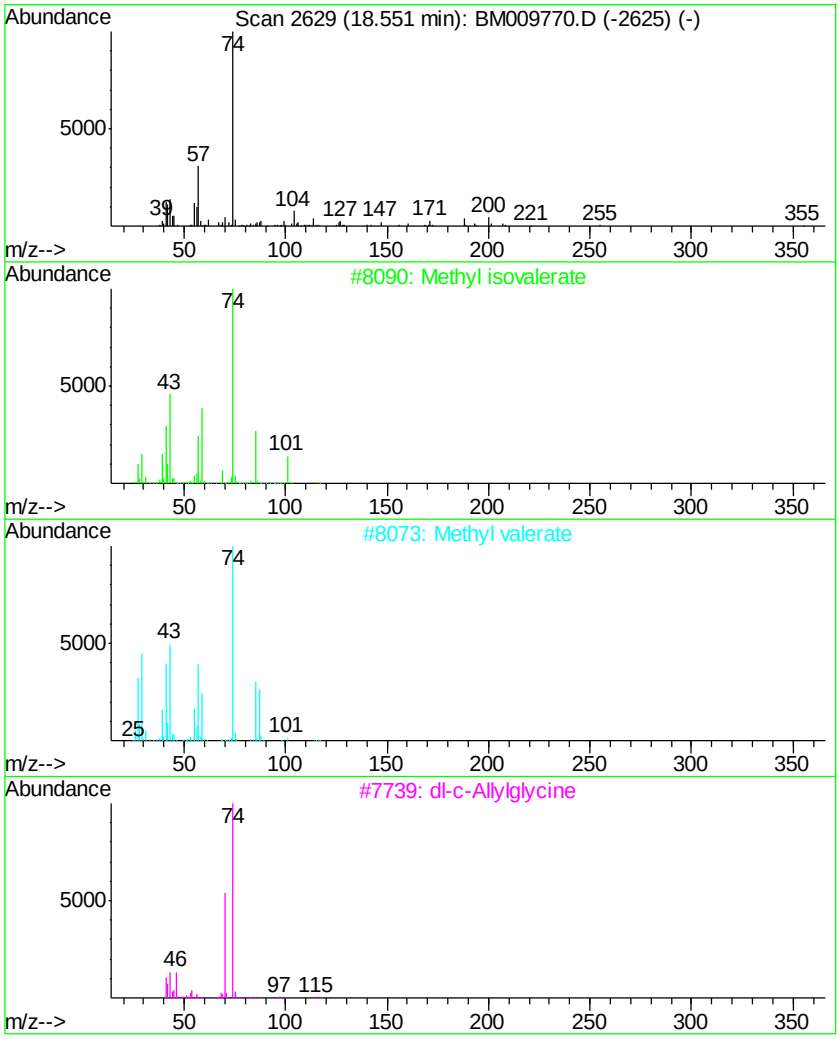
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

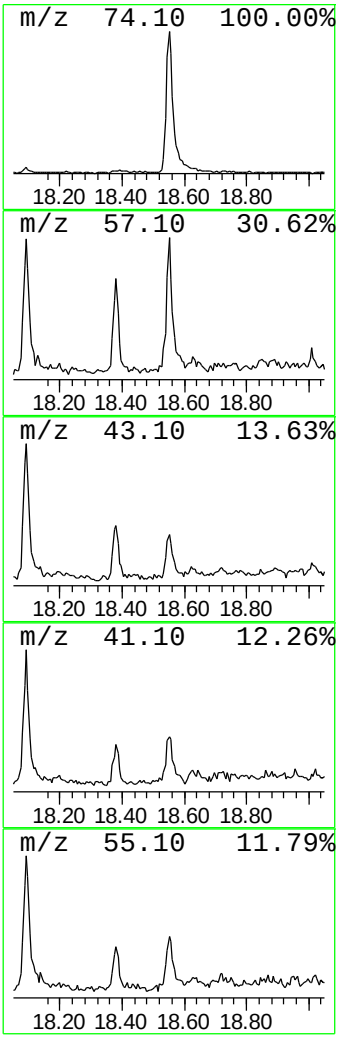
****

Peak Number 6 Methyl isovalerate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	2.40 ng/ul	359204	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl isovalerate	116	C6H12O2	000556-24-1	59
2	Methyl valerate	116	C6H12O2	000624-24-8	53
3	dl-c-Allylglycine	115	C5H9NO2	007685-44-1	53
4	Diethanolamine	105	C4H11NO2	000111-42-2	53
5	2-Amino-4-methyl-4-pentenoic acid	129	C6H11NO2	1000133-00-5	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
Data File : BM009770.D
Acq On : 28 Apr 2017 09:04
Operator : SJ/MA
Sample : I2806-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

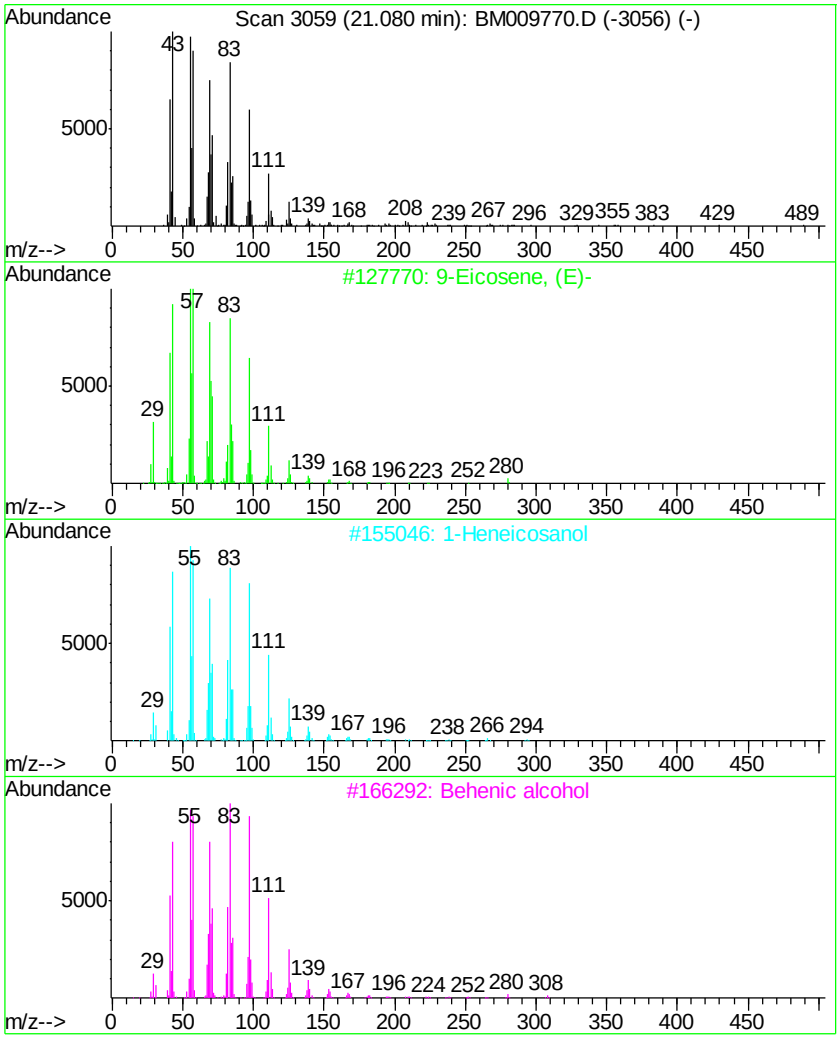
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

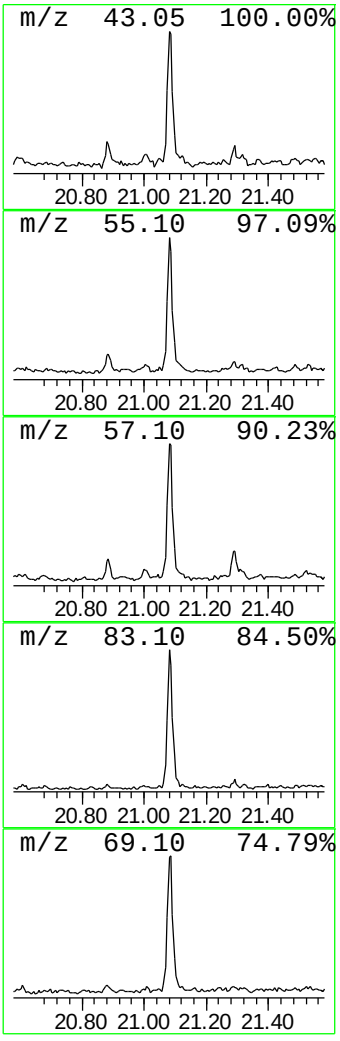
****

Peak Number 7 (DEL) Alkane: Cyclic21.08 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	5.65 ng/ul	1039890	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Cyclotetracosane	336	C24H48	000297-03-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
Data File : BM009770.D
Acq On : 28 Apr 2017 09:04
Operator : SJ/MA
Sample : I2806-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.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
1,2,3,4-Butanetet...	6.82	2.5	ng/ul	144498	1	7.82	1166650	20.0
Chloroxylenol	13.17	2.4	ng/ul	285030	3	14.47	2356140	20.0
(DEL) Alkane: Cyc...	14.10	5.0	ng/ul	593183	3	14.47	2356140	20.0
Dodecanoic acid	14.87	5.8	ng/ul	685600	3	14.47	2356140	20.0
n-Hexadecanoic acid	18.09	3.9	ng/ul	586294	4	17.22	2994290	20.0
Methyl isovalerate	18.55	2.4	ng/ul	359204	4	17.22	2994290	20.0
(DEL) Alkane: Cyc...	21.08	5.7	ng/ul	1039890	5	21.40	3684200	20.0