LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016903.D
Acq On : 26 Sep 2018 17:24
Operator : MJ/SJ
Sample : J5040-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.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	3.016	3	5	18	rVB	452529	507035	5.25%	0.595%
2	3.263	45	47	53	rVB	64459	76036	0.79%	0.089%
3	5.822	480	482	493	rVB4	11679	22239	0.23%	0.026%
4	6.892	657	664	676	rBV	1298083	2088565	21.62%	2.450%
5	7.057	686	692	701	rVB	1078779	1571266	16.27%	1.843%
6	7.251	717	725	734	rBV	1353324	2116913	21.92%	2.483%
7	7.328	734	738	747	rVB	53712	97553	1.01%	0.114%
8	7.716	796	804	811	rBV	892377	1407017	14.57%	1.650%
9	7.781	811	815	822	rVB2	18717	31755	0.33%	0.037%
10	8.416	914	923	936	rBV	1607579	2680019	27.75%	3.143%
11	8.869	993	1000	1013	rVB	1275368	2069332	21.42%	2.427%
12	9.586	1113	1122	1130	rBV	994122	1656938	17.15%	1.943%
13	10.116	1201	1212	1223	rBV	1715621	2819037	29.19%	3.306%
14	10.492	1269	1276	1284	rBV	1173747	2025399	20.97%	2.375%
15	10.633	1289	1300	1312	rBV	1720397	2913596	30.17%	3.417%
16	12.086	1539	1547	1553	rBV	31916	52825	0.55%	0.062%
17	12.704	1647	1652	1659	rBV5	10502	16554	0.17%	0.019%
18	12.963	1692	1696	1701	rVB2	14755	21229	0.22%	0.025%
19	13.257	1739	1746	1754	rBV	592173	929911	9.63%	1.091%
20	13.316	1754	1756	1761	rVB3	8114	10306	0.11%	0.012%
21	13.768	1826	1833	1837	rBV	3010491	4160160	43.07%	4.879%
22	13.816	1837	1841	1850	rVB	1068935	1464601	15.16%	1.718%
23	14.045	1868	1880	1892	rBV	3661475	5440366	56.33%	6.381%
24	14.357	1926	1933	1941	rBV2	1650674	2505963	25.94%	2.939%
25	14.557	1960	1967	1984	rBV	1245309	1773767	18.36%	2.080%
26	15.162	2066	2070	2072	rBV	13890	16085	0.17%	0.019%
27	15.180	2072	2073	2077	rVV	13621	15454	0.16%	0.018%
28	15.221	2077	2080	2085	rVB2	11438	14360	0.15%	0.017%
29	15.351	2095	2102	2110	rBV	4625364	6672386	69.08%	7.826%
30	15.474	2117	2123	2137	rBV	955273	1386004	14.35%	1.626%
31	15.592	2138	2143	2148	rVB2	52999	76176	0.79%	0.089%
32	15.915	2194	2198	2204	rBV7	9399	15564	0.16%	0.018%
33	16.086	2222	2227	2229	rBV4	11552	17056	0.18%	0.020%
34	16.257	2250	2256	2259	rBV4	14545	20138	0.21%	0.024%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016903.D
Acq On : 26 Sep 2018 17:24
Operator : MJ/SJ
Sample : J5040-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Title : SVOA CALIBRATION

35	16.439	2282	2287	2290	rBV6	8388	13318	0.14%	0.016%
36	16.880	2358	2362	2366	rBV4	14196	26447	0.27%	0.031%
37	17.039	2385	2389	2392	rVB5	8287	11486	0.12%	0.013%
38	17.104	2393	2400	2410	rBV	2110697	2931363	30.35%	3.438%
39	17.204	2410	2417	2428	rBV	5218866	7241698	74.98%	8.493%
40	17.351	2437	2442	2447	rBV4	30012	51240	0.53%	0.060%
41	17.398	2447	2450	2455	rVB	15763	22525	0.23%	0.026%
42	17.615	2484	2487	2492	rBV5	9026	11791	0.12%	0.014%
43	17.786	2513	2516	2521	rBV7	11693	15385	0.16%	0.018%
44	18.009	2549	2554	2563	rBV	392437	560338	5.80%	0.657%
45	18.309	2602	2605	2607	rBV3	15379	19391	0.20%	0.023%
46	18.945	2709	2713	2719	rBV4	38571	66199	0.69%	0.078%
47	19.133	2741	2745	2749	rBV2	68909	100048	1.04%	0.117%
48	19.192	2753	2755	2761	rVB3	41875	54202	0.56%	0.064%
49	19.292	2768	2772	2779	rBV3	159368	243152	2.52%	0.285%
50	19.386	2785	2788	2793	rVB	59896	75616	0.78%	0.089%
51	19.445	2794	2798	2801	rBV2	65048	74381	0.77%	0.087%
52	19.503	2801	2808	2815	rBV	5986812	8616869	89.21%	10.106%
53	20.062	2900	2903	2906	rVB	75780	78988	0.82%	0.093%
54	21.015	3061	3065	3075	rBV	869223	1303798	13.50%	1.529%
55	21.291	3107	3112	3119	rBV	2950721	3602688	37.30%	4.225%
56	23.391	3462	3469	3483	rVB	5108387	9658766	100.00%	11.328%
57	23.527	3486	3492	3502	rVB2	1959409	3793112	39.27%	4.449%

Sum of corrected areas: 85264406

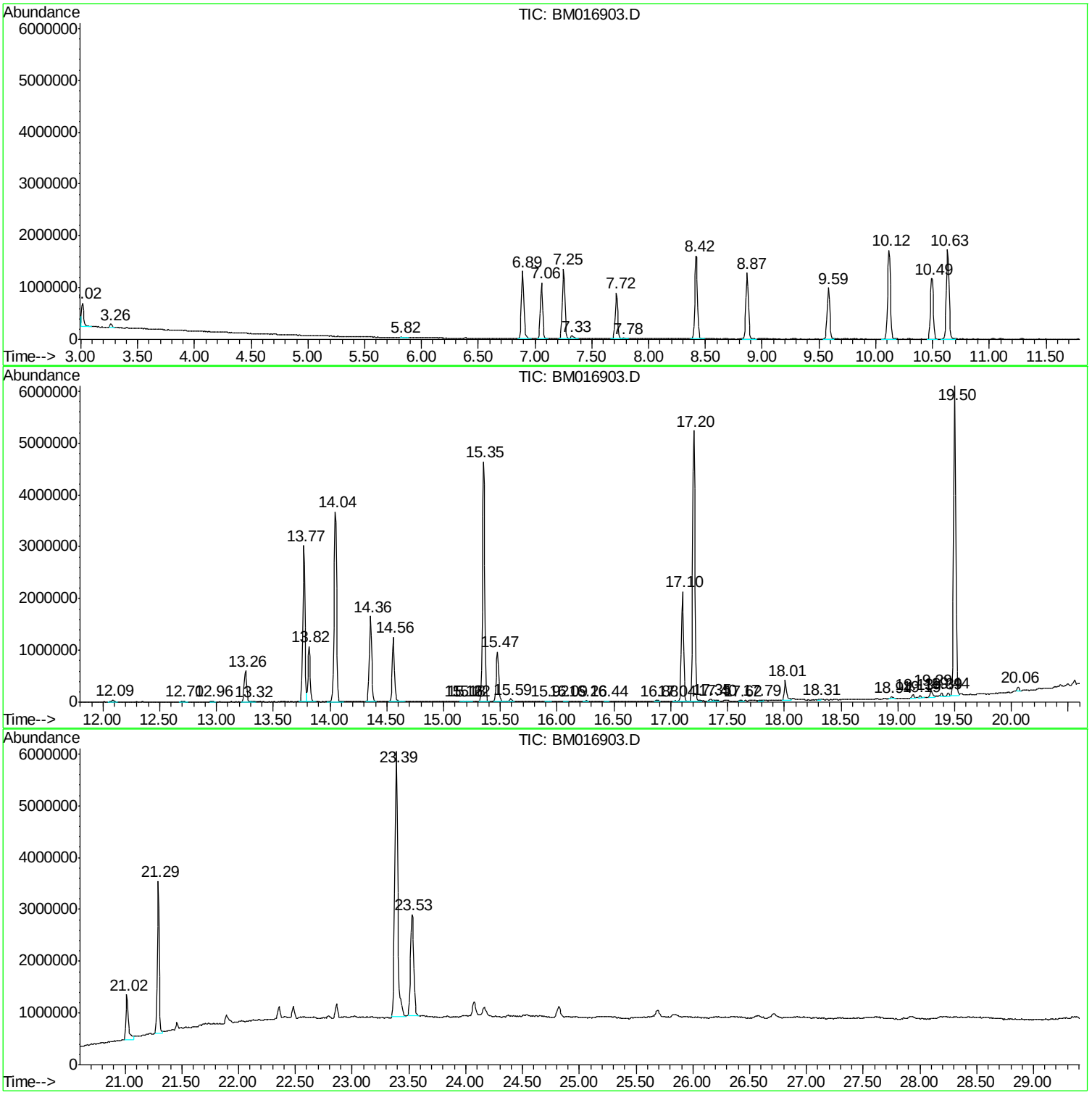
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016903.D
Acq On : 26 Sep 2018 17:24
Operator : MJ/SJ
Sample : J5040-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016903.D
Acq On : 26 Sep 2018 17:24
Operator : MJ/SJ
Sample : J5040-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

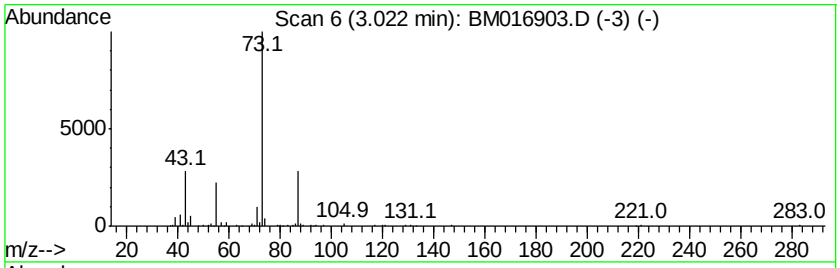
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

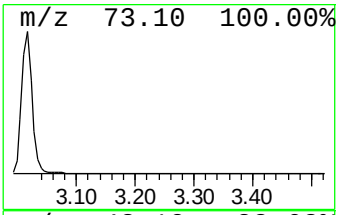
****

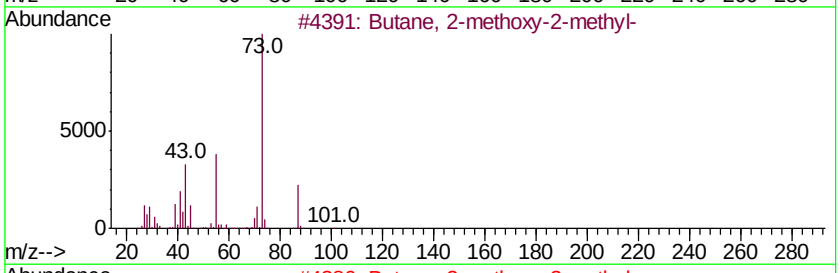
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

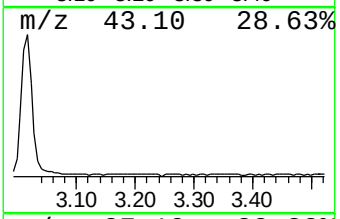
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	7.21 ng/ul	507035	1,4-Dichlorobenzene-d4	7.72

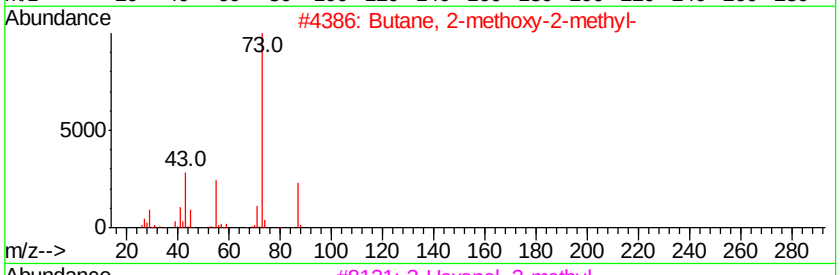
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9

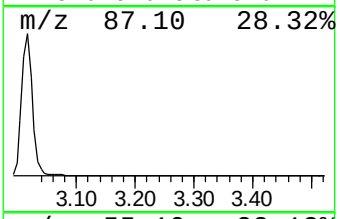


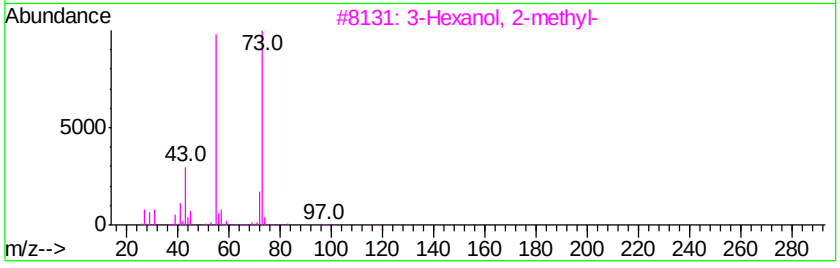


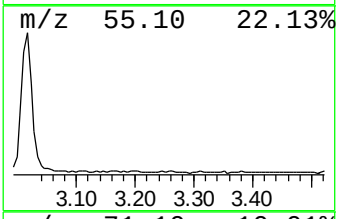


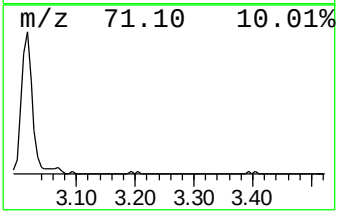












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016903.D
Acq On : 26 Sep 2018 17:24
Operator : MJ/SJ
Sample : J5040-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

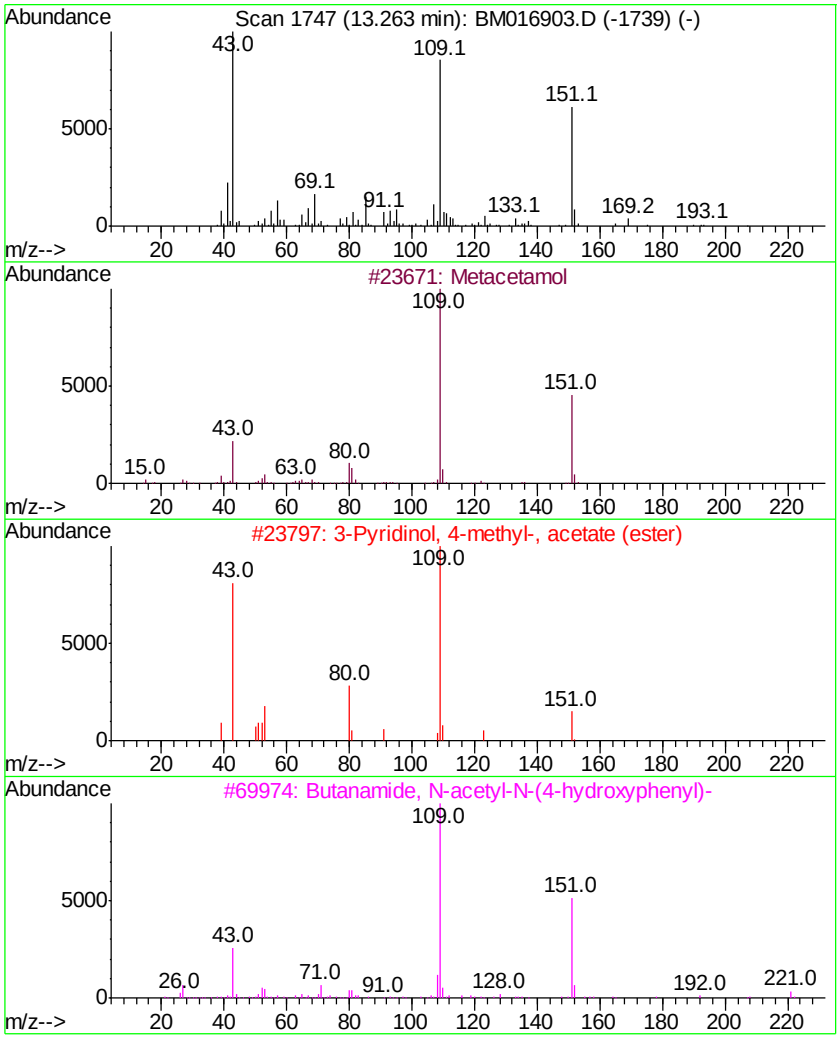
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

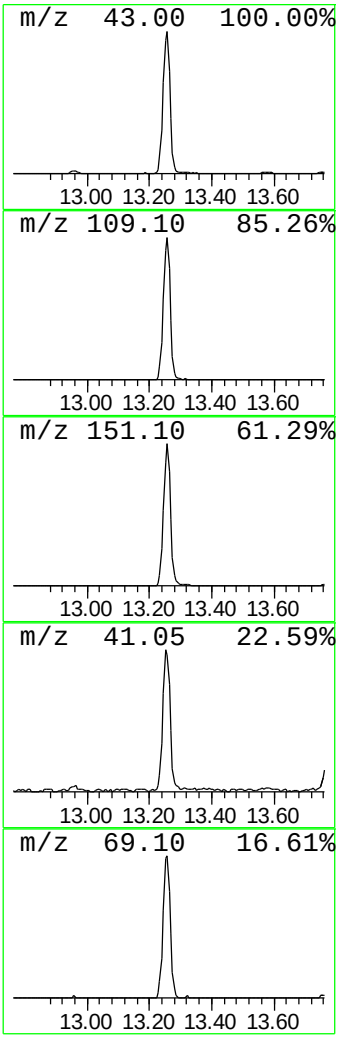
****

Peak Number 2 Metacetamol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	7.42 ng/ul	929911	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Metacetamol	151	C8H9NO2	000621-42-1	64
2	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	59
3	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	59
4	N-Cyclopropyl-p-fluorobenzylamine	165	C10H12FN	1000250-88-9	43
5	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016903.D
Acq On : 26 Sep 2018 17:24
Operator : MJ/SJ
Sample : J5040-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

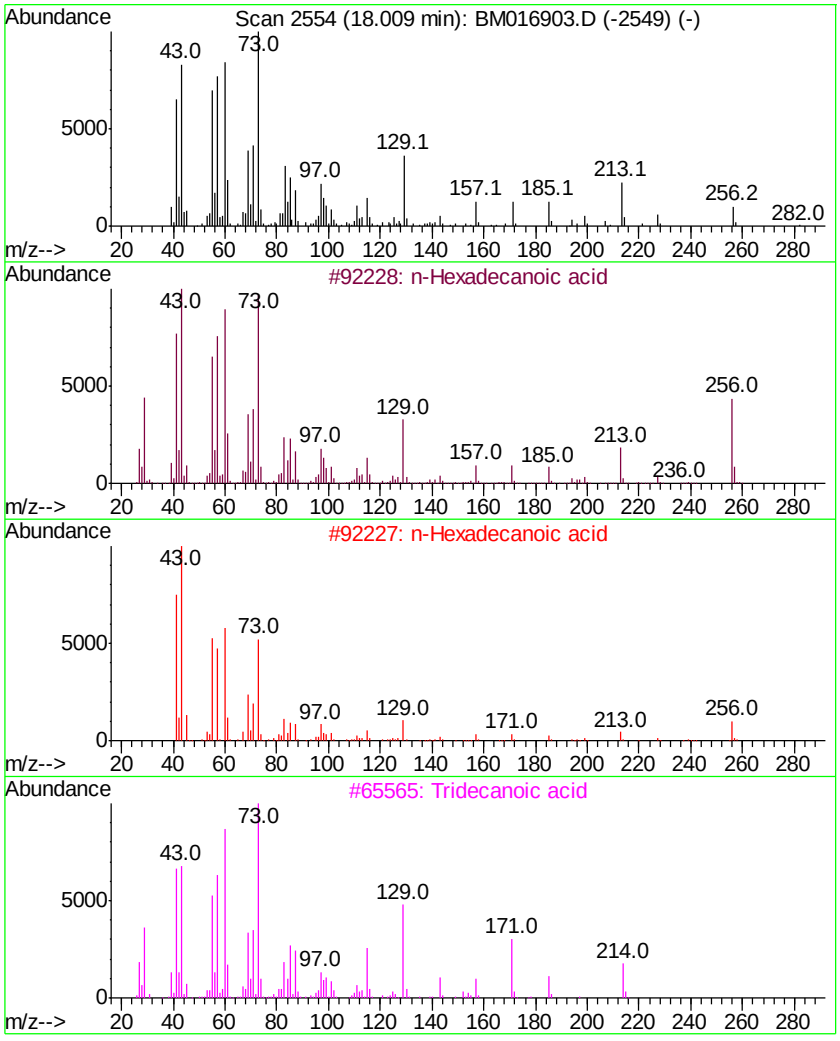
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

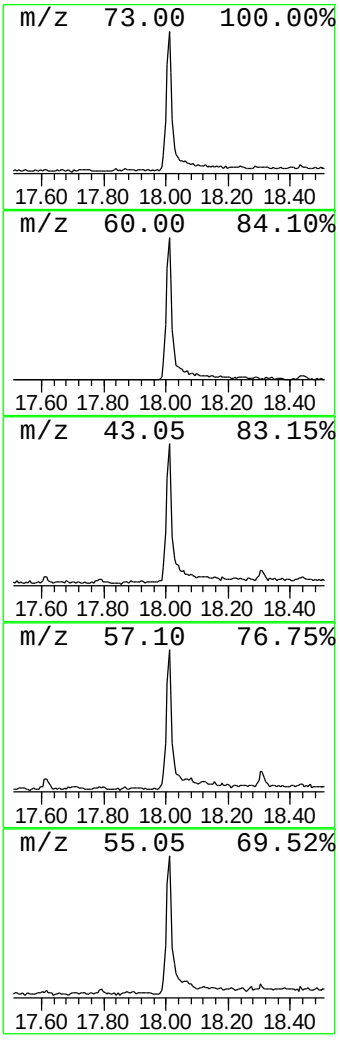
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	3.82 ng/ul	560338	Phenanthrene-d10	17.10

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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016903.D
Acq On : 26 Sep 2018 17:24
Operator : MJ/SJ
Sample : J5040-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

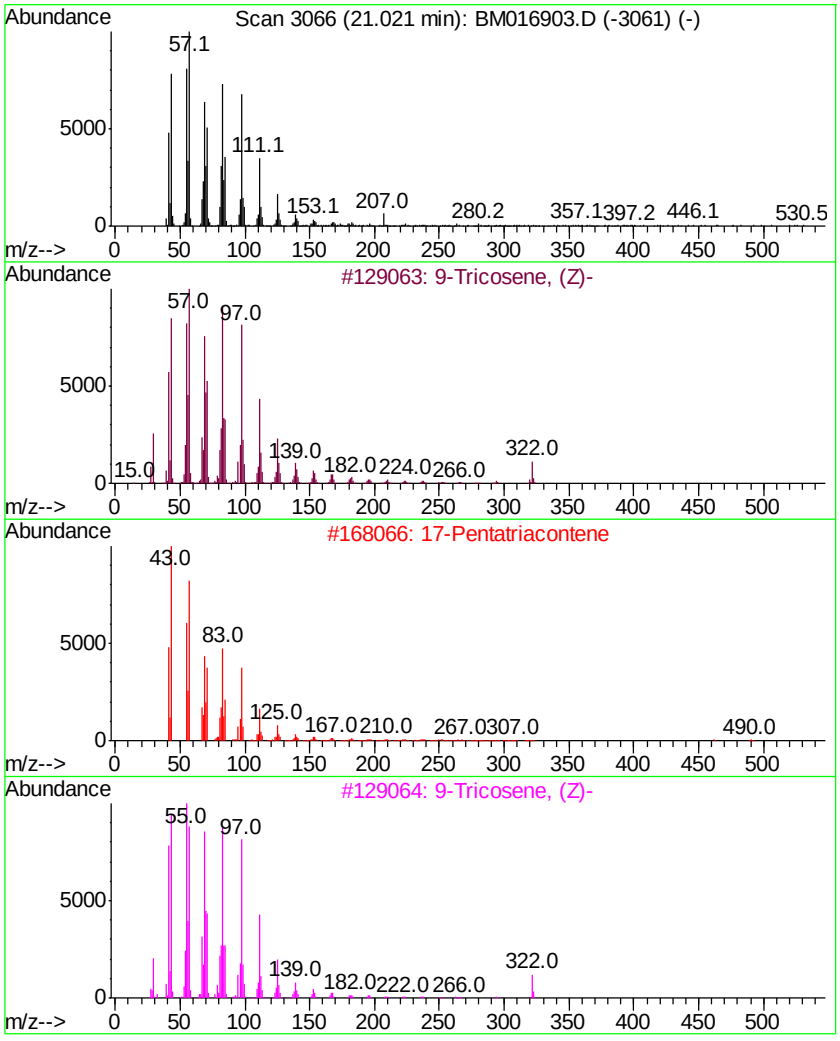
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

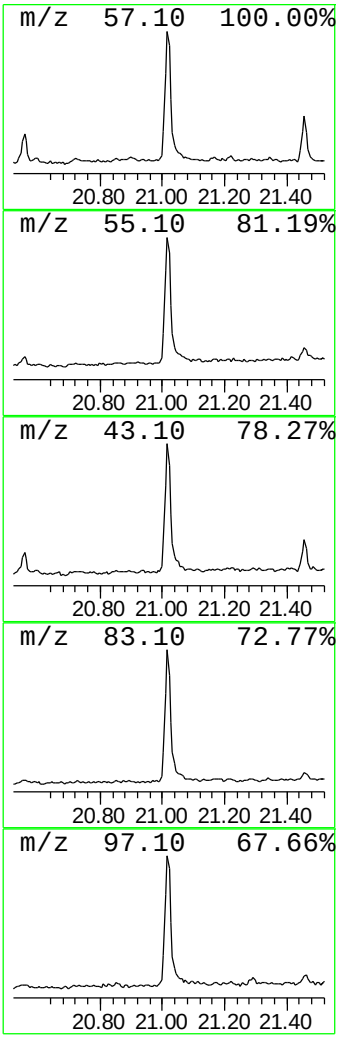
****

Peak Number 4 (DEL) Alkane: Cyclic21.02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	7.24 ng/ul	1303800	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	99
2	17-Pentatriacontene	491	C35H70	006971-40-0	95
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
4	1-Hexacosanol	382	C26H54O	000506-52-5	94
5	1-Octadecene	252	C18H36	000112-88-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM092618\
Data File : BM016903.D
Acq On : 26 Sep 2018 17:24
Operator : MJ/SJ
Sample : J5040-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA 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
Butane, 2-methoxy...	3.02	7.2	ng/ul	507035	1	7.72	1407020	20.0
Metacetamol	13.26	7.4	ng/ul	929911	3	14.36	2505960	20.0
n-Hexadecanoic acid	18.01	3.8	ng/ul	560338	4	17.10	2931360	20.0
(DEL) Alkane: Cyc...	21.02	7.2	ng/ul	1303800	5	21.29	3602690	20.0