LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021716\
Data File : BG020923.D
Acq On : 17 Feb 2016 12:52
Operator : SJ/UM
Sample : H1477-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0311-S02-0003

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.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	3.246	64	69	78	rBV	24917	44115	7.48%	0.703%
2	3.316	78	81	95	rVB	7484	12371	2.10%	0.197%
3	3.592	125	128	134	rVB2	2957	4294	0.73%	0.068%
4	6.300	587	589	593	rVB	902	966	0.16%	0.015%
5	7.399	770	776	785	rBV	65162	110526	18.74%	1.762%
6	7.575	799	806	813	rBV	63018	101795	17.26%	1.622%
7	7.787	835	842	849	rBV	69107	115672	19.62%	1.844%
8	8.262	916	923	929	rVV	55338	90036	15.27%	1.435%
9	8.321	929	933	936	rVB3	581	824	0.14%	0.013%
10	8.709	998	999	1004	rBV2	565	959	0.16%	0.015%
11	8.956	1035	1041	1050	rVB	91557	153613	26.05%	2.448%
12	9.431	1115	1122	1129	rBV	69216	120962	20.51%	1.928%
13	9.514	1132	1136	1143	rVB	4154	7176	1.22%	0.114%
14	10.154	1239	1245	1253	rVB	54507	97145	16.47%	1.548%
15	10.694	1329	1337	1345	rVB	97934	169371	28.72%	2.699%
16	11.088	1397	1404	1411	rVB	99084	172935	29.33%	2.756%
17	11.211	1418	1425	1436	rVB	98727	175881	29.83%	2.803%
18	12.333	1613	1616	1620	rBV2	560	783	0.13%	0.012%
19	12.533	1647	1650	1654	rBV2	726	959	0.16%	0.015%
20	12.651	1665	1670	1674	rVB3	1877	2506	0.42%	0.040%
21	13.479	1808	1811	1816	rBV2	1175	1395	0.24%	0.022%
22	14.266	1939	1945	1950	rBV	212160	312143	52.93%	4.975%
23	14.313	1950	1953	1959	rVB	91761	124623	21.13%	1.986%
24	14.571	1989	1997	2004	rBV	265012	405213	68.72%	6.458%
25	14.742	2022	2026	2030	rVB	5983	6769	1.15%	0.108%
26	14.877	2042	2049	2055	rVB2	169784	274858	46.61%	4.381%
27	15.047	2072	2078	2090	rBV	84469	130478	22.13%	2.079%
28	15.177	2099	2100	2102	rBV	1002	926	0.16%	0.015%
29	15.247	2107	2112	2117	rVV4	1926	2885	0.49%	0.046%
30	15.359	2127	2131	2136	rBV2	1360	2567	0.44%	0.041%
31	15.423	2140	2142	2147	rVB	1074	937	0.16%	0.015%
32	15.646	2174	2180	2183	rBV	2788	4170	0.71%	0.066%
33	15.688	2183	2187	2193	rVB	10415	12781	2.17%	0.204%
34	15.746	2195	2197	2199	rBV	967	815	0.14%	0.013%

LSC Area Percent Report

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Acq On : 17 Feb 2016 12:52
Operator : SJ/UM
Sample : H1477-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0311-S02-0003

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
Title : SVOA CALIBRATION

35	15.858	2210	2216	2223	rVB	353105	527336	89.42%	8.404%
36	15.964	2228	2234	2242	rBV	68583	99275	16.83%	1.582%
37	16.093	2248	2256	2261	rBV3	5643	10322	1.75%	0.165%
38	16.187	2268	2272	2275	rVB	1117	1232	0.21%	0.020%
39	16.240	2275	2281	2285	rBV2	1509	2124	0.36%	0.034%
40	16.304	2288	2292	2296	rBV	1666	1838	0.31%	0.029%
41	16.545	2328	2333	2336	rBV2	10794	14523	2.46%	0.231%
42	16.733	2361	2365	2367	rVB2	968	860	0.15%	0.014%
43	16.886	2387	2391	2392	rBV2	1318	1357	0.23%	0.022%
44	16.951	2399	2402	2405	rVB2	1406	1590	0.27%	0.025%
45	17.003	2405	2411	2416	rBV4	1019	1791	0.30%	0.029%
46	17.050	2416	2419	2422	rBV2	1002	1238	0.21%	0.020%
47	17.121	2427	2431	2433	rBV	906	1052	0.18%	0.017%
48	17.197	2440	2444	2449	rBB2	1040	1866	0.32%	0.030%
49	17.338	2463	2468	2471	rBV2	7068	9153	1.55%	0.146%
50	17.391	2473	2477	2482	rVV3	2555	3432	0.58%	0.055%
51	17.609	2506	2514	2520	rBV	232484	328388	55.69%	5.234%
52	17.708	2524	2531	2538	rVB	376830	546904	92.74%	8.716%
53	17.867	2554	2558	2563	rVB	793	1070	0.18%	0.017%
54	17.949	2568	2572	2576	rBV	498	867	0.15%	0.014%
55	18.073	2589	2593	2598	rVB	2983	3924	0.67%	0.063%
56	18.466	2656	2660	2664	rBV3	5193	6218	1.05%	0.099%
57	18.548	2670	2674	2679	rVV2	2029	2592	0.44%	0.041%
58	18.590	2679	2681	2684	rVB2	873	780	0.13%	0.012%
59	18.672	2692	2695	2699	rVB	1273	1475	0.25%	0.024%
60	18.719	2699	2703	2705	rBV	734	1113	0.19%	0.018%
61	18.760	2707	2710	2713	rBV2	2022	2386	0.40%	0.038%
62	18.995	2748	2750	2752	rBV	829	843	0.14%	0.013%
63	19.418	2819	2822	2824	rVB2	751	891	0.15%	0.014%
64	19.612	2851	2855	2857	rBV	3680	4612	0.78%	0.074%
65	19.641	2857	2860	2864	rVB	3197	4028	0.68%	0.064%
66	19.794	2884	2886	2889	rBV2	862	1236	0.21%	0.020%
67	19.864	2892	2898	2903	rVV3	3388	5444	0.92%	0.087%
68	19.976	2910	2917	2924	rBV	407211	589700	100.00%	9.398%
69	20.446	2995	2997	2999	rBV	1103	923	0.16%	0.015%
70	20.481	2999	3003	3006	rVB3	1428	1823	0.31%	0.029%
71	20.798	3055	3057	3059	rBV2	1093	1012	0.17%	0.016%

LSC Area Percent Report

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Sample : H1477-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0311-S02-0003

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
Title : SVOA CALIBRATION

72	21.491	3171	3175	3182	rBV5	16178	25765	4.37%	0.411%
73	21.580	3188	3190	3195	rBV6	2282	2794	0.47%	0.045%
74	21.885	3236	3242	3249	rVB	219010	344705	58.45%	5.494%
75	23.794	3561	3567	3577	rVB4	19450	41205	6.99%	0.657%
76	24.270	3643	3648	3654	rBV4	10652	20596	3.49%	0.328%
77	24.341	3655	3660	3668	rVB8	9004	21907	3.71%	0.349%
78	25.028	3766	3777	3790	rVB	209320	569477	96.57%	9.076%
79	25.257	3806	3816	3831	rVB	117710	342440	58.07%	5.458%
80	26.467	4016	4022	4032	rVB5	20550	56980	9.66%	0.908%

Sum of corrected areas: 6274536

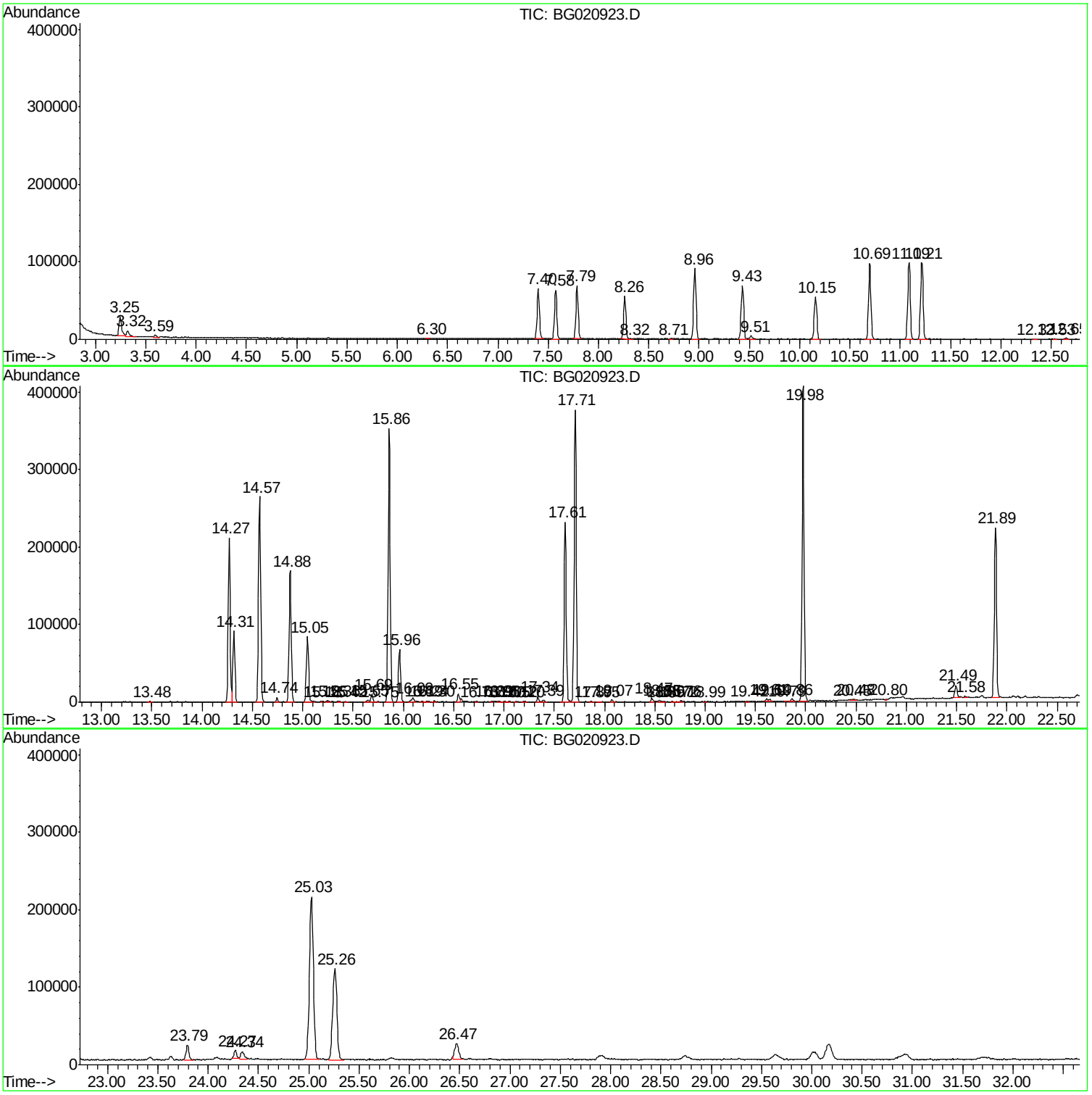
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021716\
Data File : BG020923.D
Acq On : 17 Feb 2016 12:52
Operator : SJ/UM
Sample : H1477-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0311-S02-0003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021716\
Data File : BG020923.D
Acq On : 17 Feb 2016 12:52
Operator : SJ/UM
Sample : H1477-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0311-S02-0003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

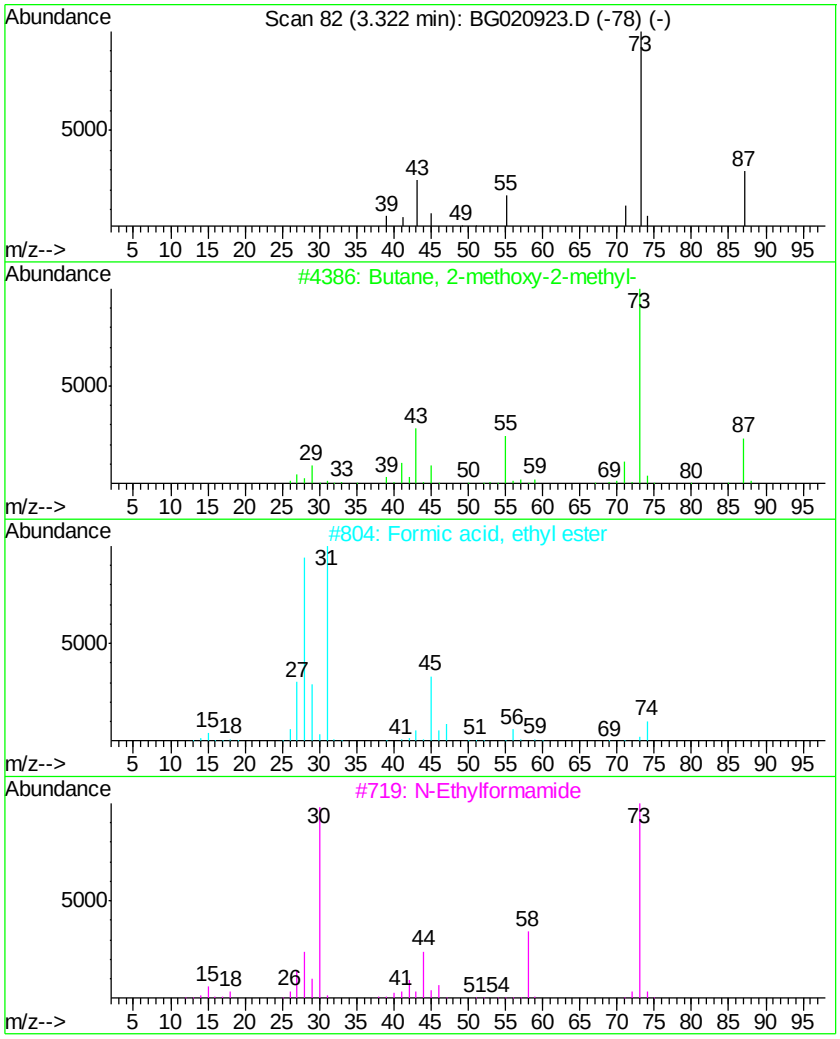
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

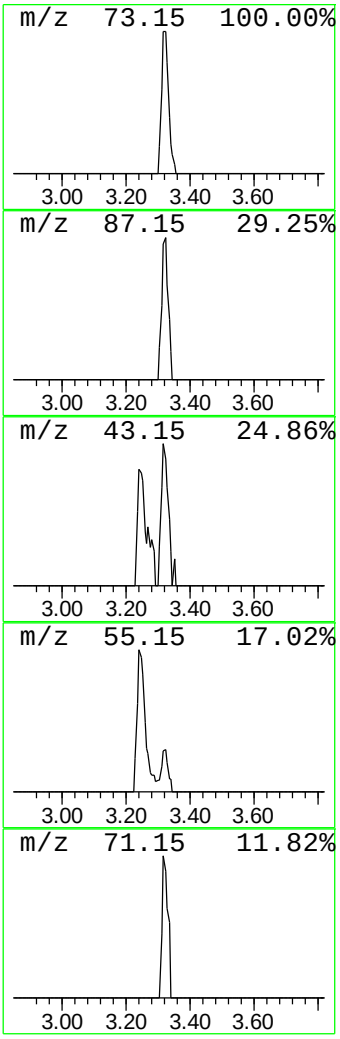
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	2.75 ng/ul	12371	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	4
3	N-Ethylformamide	73	C3H7NO	000627-45-2	4
4	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	4
5	N-Ethylformamide	73	C3H7NO	000627-45-2	4





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021716\
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Sample : H1477-04
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Instrument : BNA_G
ClientSampleId : 0311-S02-0003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

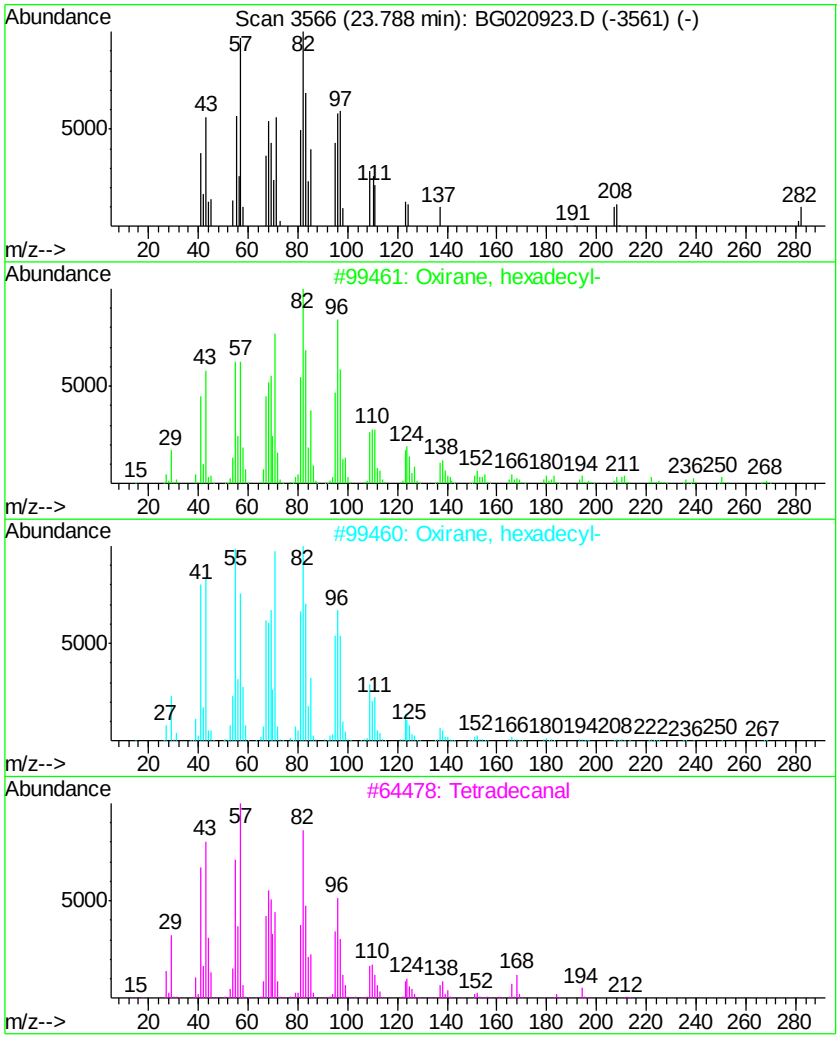
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

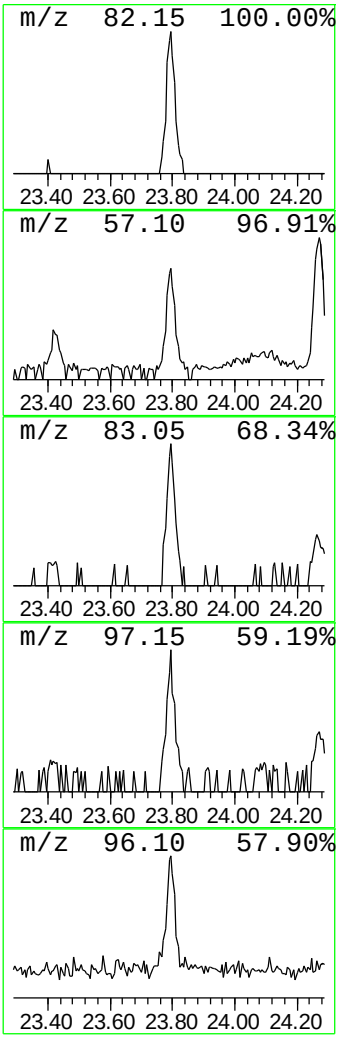
****

Peak Number 3 Oxirane, hexadecyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	2.41 ng/ul	41205	Perylene-d12	25.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	83
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	74
3	Tetradecanal	212	C14H28O	000124-25-4	72
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	68
5	Hexadecanal	240	C16H32O	000629-80-1	68





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021716\
Data File : BG020923.D
Acq On : 17 Feb 2016 12:52
Operator : SJ/UM
Sample : H1477-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0311-S02-0003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

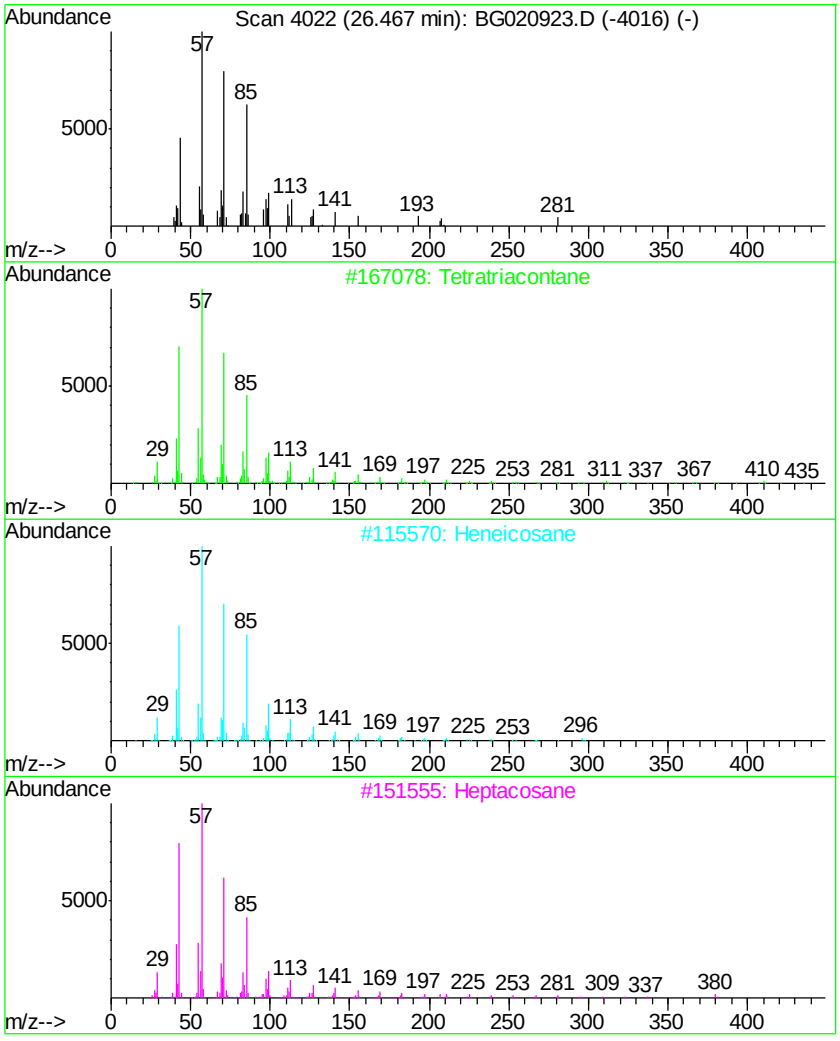
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

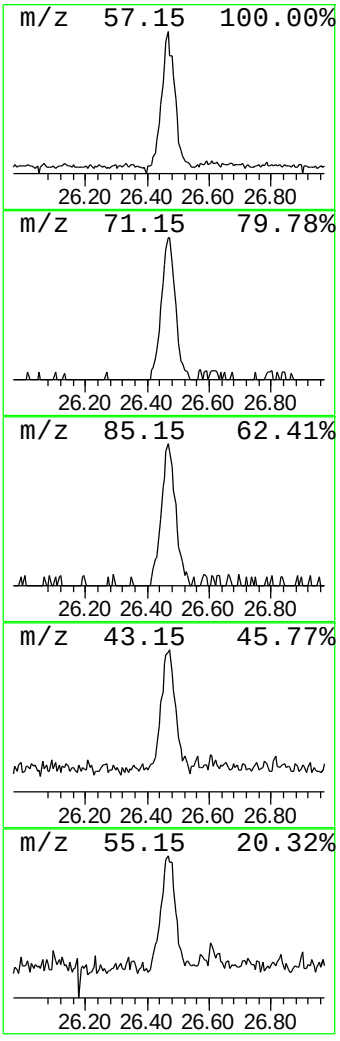
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.47	3.33 ng/ul	56980	Perylene-d12	25.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	91
2	Heneicosane	296	C21H44	000629-94-7	87
3	Heptacosane	380	C27H56	000593-49-7	86
4	Triacontane	422	C30H62	000638-68-6	86
5	Octacosane	394	C28H58	000630-02-4	86





Tentatively Identified Compound (LSC) summary

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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...	3.32	2.8	ng/ul	12371	1	8.26	90036	20.0
Oxirane, hexadecyl-	23.79	2.4	ng/ul	41205	6	25.26	342440	20.0
(DEL) Alkane: Str...	26.47	3.3	ng/ul	56980	6	25.26	342440	20.0