LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019320.D
Acq On : 24 Oct 2015 4:46
Operator : UM/NP
Sample : G4058-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LL6

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-BG102315.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	3.066	35	39	40	rVB3	1563	1680	0.14%	0.015%
2	3.213	56	64	72	rBV4	23869	52015	4.25%	0.454%
3	3.289	72	77	86	rVB	77671	117052	9.56%	1.022%
4	3.566	120	124	129	rBV2	5702	8002	0.65%	0.070%
5	4.112	215	217	221	rBV2	1884	2717	0.22%	0.024%
6	4.347	253	257	265	rVB	25644	38093	3.11%	0.333%
7	4.576	292	296	298	rBV2	1696	2499	0.20%	0.022%
8	4.999	364	368	369	rVB2	1543	1590	0.13%	0.014%
9	5.487	447	451	454	rVB2	1278	1757	0.14%	0.015%
10	5.510	454	455	459	rBV2	1739	1796	0.15%	0.016%
11	5.604	467	471	473	rBV	1974	2660	0.22%	0.023%
12	5.933	522	527	532	rBV2	1244	2096	0.17%	0.018%
13	6.110	554	557	562	rBV2	954	1759	0.14%	0.015%
14	7.367	764	771	781	rVB	119480	208905	17.06%	1.825%
15	7.549	795	802	809	rBV	84037	138462	11.31%	1.209%
16	7.761	831	838	844	rVB	114866	193301	15.78%	1.688%
17	8.237	913	919	927	rVB	97545	169146	13.81%	1.477%
18	8.930	1031	1037	1045	rVB2	152451	258586	21.12%	2.259%
19	8.995	1045	1048	1052	rVB2	2971	3280	0.27%	0.029%
20	9.347	1105	1108	1111	rBV	1313	2108	0.17%	0.018%
21	9.406	1111	1118	1126	rVV	124652	218499	17.84%	1.908%
22	9.488	1126	1132	1137	rVB4	5479	9980	0.81%	0.087%
23	9.817	1181	1188	1192	rBV2	3041	4392	0.36%	0.038%
24	9.970	1209	1214	1216	rBV	1290	2093	0.17%	0.018%
25	10.064	1228	1230	1235	rVB	1426	1967	0.16%	0.017%
26	10.134	1235	1242	1250	rBV2	115582	210568	17.19%	1.839%
27	10.381	1278	1284	1288	rVB	1089	1985	0.16%	0.017%
28	10.475	1296	1300	1302	rBV2	3757	4523	0.37%	0.040%
29	10.669	1323	1333	1340	rBV	160854	289663	23.65%	2.530%
30	11.069	1394	1401	1408	rVB	134038	239072	19.52%	2.088%
31	11.192	1415	1422	1429	rBV	135827	246871	20.16%	2.156%
32	11.468	1466	1469	1472	rVB	1049	1585	0.13%	0.014%
33	11.580	1487	1488	1493	rVB2	2025	2177	0.18%	0.019%
34	11.856	1532	1535	1538	rBV2	3431	3698	0.30%	0.032%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019320.D
Acq On : 24 Oct 2015 4:46
Operator : UM/NP
Sample : G4058-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LL6

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-BG102315.M
Title : SVOA CALIBRATION

35	12.120	1575	1580	1584	rVB2	1315	1562	0.13%	0.014%
36	12.308	1611	1612	1616	rVB	1572	1666	0.14%	0.015%
37	12.349	1616	1619	1621	rVB	1856	1702	0.14%	0.015%
38	12.637	1661	1668	1671	rBV3	2429	4783	0.39%	0.042%
39	13.060	1738	1740	1744	rVB3	1313	1606	0.13%	0.014%
40	13.225	1765	1768	1772	rVB3	4555	6042	0.49%	0.053%
41	13.384	1792	1795	1797	rBV	1740	1899	0.16%	0.017%
42	13.466	1805	1809	1815	rBV3	6680	9445	0.77%	0.082%
43	13.671	1841	1844	1847	rVB	1832	2407	0.20%	0.021%
44	13.742	1853	1856	1859	rVB2	3093	3022	0.25%	0.026%
45	14.047	1905	1908	1911	rVB	1717	2389	0.20%	0.021%
46	14.165	1925	1928	1931	rBV2	1712	1968	0.16%	0.017%
47	14.253	1935	1943	1947	rBV	360560	509177	41.58%	4.447%
48	14.300	1947	1951	1957	rVB	143280	192273	15.70%	1.679%
49	14.553	1987	1994	2001	rVB	332891	511269	41.75%	4.466%
50	14.741	2021	2026	2029	rBV3	2948	3980	0.32%	0.035%
51	14.858	2036	2046	2056	rBV2	244634	391864	32.00%	3.423%
52	15.011	2066	2072	2079	rBV	202341	308408	25.18%	2.694%
53	15.181	2100	2101	2105	rVB2	1739	1834	0.15%	0.016%
54	15.258	2107	2114	2117	rVB5	5890	10255	0.84%	0.090%
55	15.640	2173	2179	2183	rBV3	6199	11002	0.90%	0.096%
56	15.681	2183	2186	2190	rVB2	7275	8232	0.67%	0.072%
57	15.845	2207	2214	2223	rBV	471648	719127	58.72%	6.281%
58	15.939	2223	2230	2239	rVV	201036	298943	24.41%	2.611%
59	16.080	2250	2254	2260	rBV3	7820	12247	1.00%	0.107%
60	16.180	2270	2271	2275	rVB2	2988	2858	0.23%	0.025%
61	16.298	2290	2291	2295	rVB	1717	1854	0.15%	0.016%
62	16.498	2324	2325	2328	rBV	1907	1732	0.14%	0.015%
63	16.539	2328	2332	2335	rVV3	11545	16754	1.37%	0.146%
64	16.568	2335	2337	2341	rVB4	6974	7293	0.60%	0.064%
65	16.721	2357	2363	2366	rBV4	7453	11659	0.95%	0.102%
66	16.791	2372	2375	2377	rBV4	1997	2566	0.21%	0.022%
67	16.885	2387	2391	2393	rBV3	2181	2846	0.23%	0.025%
68	17.044	2415	2418	2423	rBV4	2920	4294	0.35%	0.038%
69	17.085	2423	2425	2428	rBV2	1577	1679	0.14%	0.015%
70	17.120	2428	2431	2432	rBV	2533	1714	0.14%	0.015%
71	17.173	2437	2440	2441	rBV3	3029	2593	0.21%	0.023%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019320.D
Acq On : 24 Oct 2015 4:46
Operator : UM/NP
Sample : G4058-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LL6

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-BG102315.M
Title : SVOA CALIBRATION

72	17.338	2462	2468	2472	rBV2	12388	18248	1.49%	0.159%
73	17.391	2472	2477	2481	rVB3	6603	10661	0.87%	0.093%
74	17.479	2490	2492	2495	rBV3	2277	3206	0.26%	0.028%
75	17.532	2498	2501	2504	rBV2	1627	1925	0.16%	0.017%
76	17.596	2504	2512	2519	rBV	389072	584892	47.76%	5.109%
77	17.696	2522	2529	2535	rVV	545037	850781	69.47%	7.431%
78	17.802	2546	2547	2550	rVB2	2836	2565	0.21%	0.022%
79	17.837	2550	2553	2555	rBV3	2043	2291	0.19%	0.020%
80	17.872	2555	2559	2560	rVV4	1987	2376	0.19%	0.021%
81	17.955	2567	2573	2575	rBV5	11561	15083	1.23%	0.132%
82	18.072	2587	2593	2597	rBV2	13188	15990	1.31%	0.140%
83	18.149	2605	2606	2609	rVB2	3538	2096	0.17%	0.018%
84	18.190	2609	2613	2617	rBV6	2905	5711	0.47%	0.050%
85	18.248	2620	2623	2625	rBV2	2454	3449	0.28%	0.030%
86	18.331	2635	2637	2641	rBV4	3421	4793	0.39%	0.042%
87	18.460	2655	2659	2665	rBV2	81129	111300	9.09%	0.972%
88	18.707	2699	2701	2703	rBV3	2253	2195	0.18%	0.019%
89	18.760	2707	2710	2715	rVV5	8984	12129	0.99%	0.106%
90	19.153	2775	2777	2778	rBV	3667	2583	0.21%	0.023%
91	19.253	2792	2794	2796	rBV3	2784	1848	0.15%	0.016%
92	19.576	2847	2849	2850	rBV2	6285	4734	0.39%	0.041%
93	19.723	2870	2874	2878	rBV2	36808	47370	3.87%	0.414%
94	19.847	2893	2895	2897	rBV3	7535	8138	0.66%	0.071%
95	19.964	2909	2915	2922	rVB	798010	1129736	92.25%	9.867%
96	21.498	3172	3176	3180	rBV3	72926	92724	7.57%	0.810%
97	21.879	3235	3241	3249	rVB	505151	859510	70.19%	7.507%
98	23.431	3500	3505	3514	rVB4	71307	142373	11.63%	1.244%
99	25.040	3770	3779	3791	rVB	454794	1224616	100.00%	10.696%
100	25.276	3810	3819	3828	rVB2	266216	766300	62.57%	6.693%

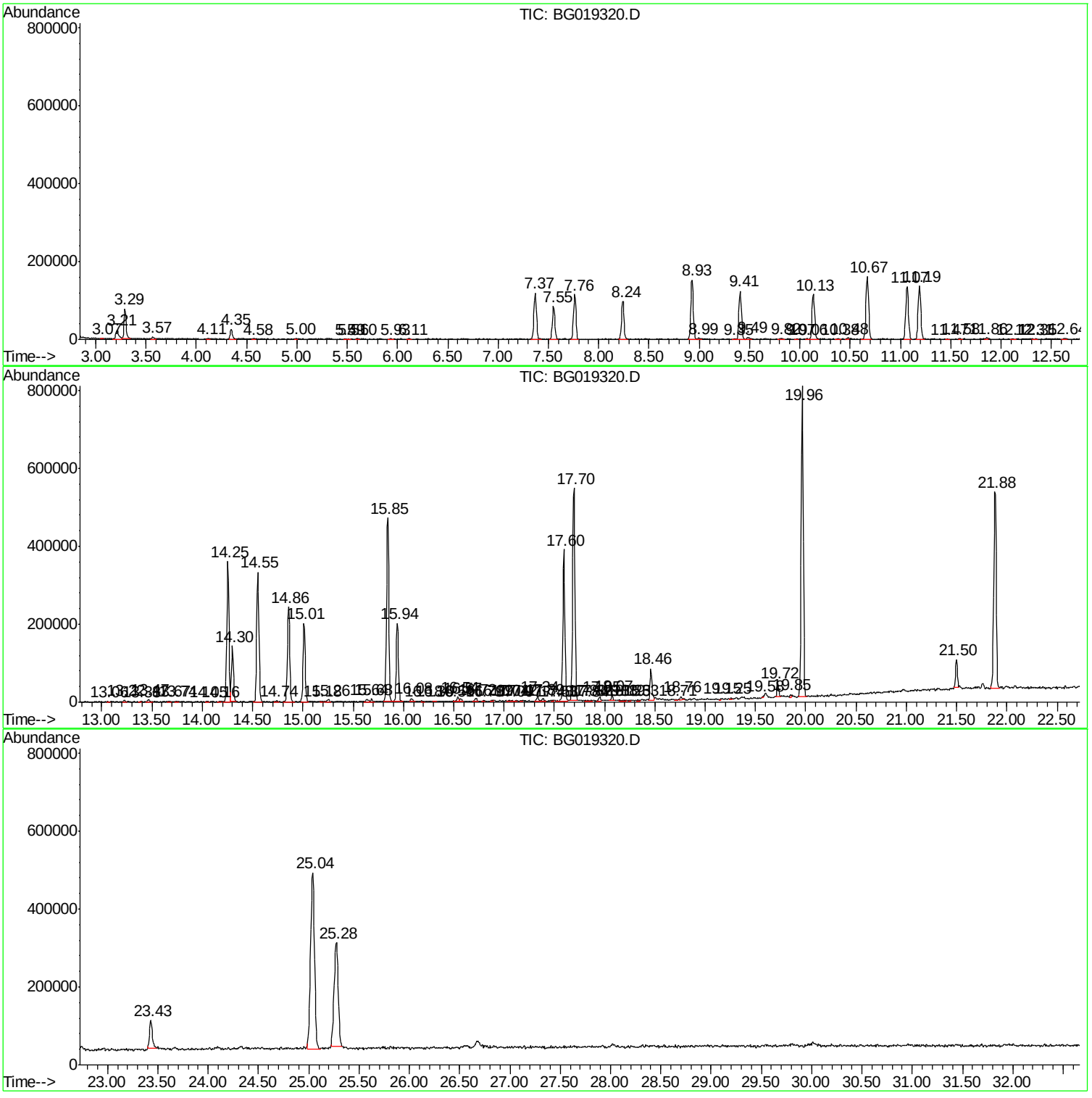
Sum of corrected areas: 11449144

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019320.D
Acq On : 24 Oct 2015 4:46
Operator : UM/NP
Sample : G4058-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LL6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019320.D
Acq On : 24 Oct 2015 4:46
Operator : UM/NP
Sample : G4058-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LL6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

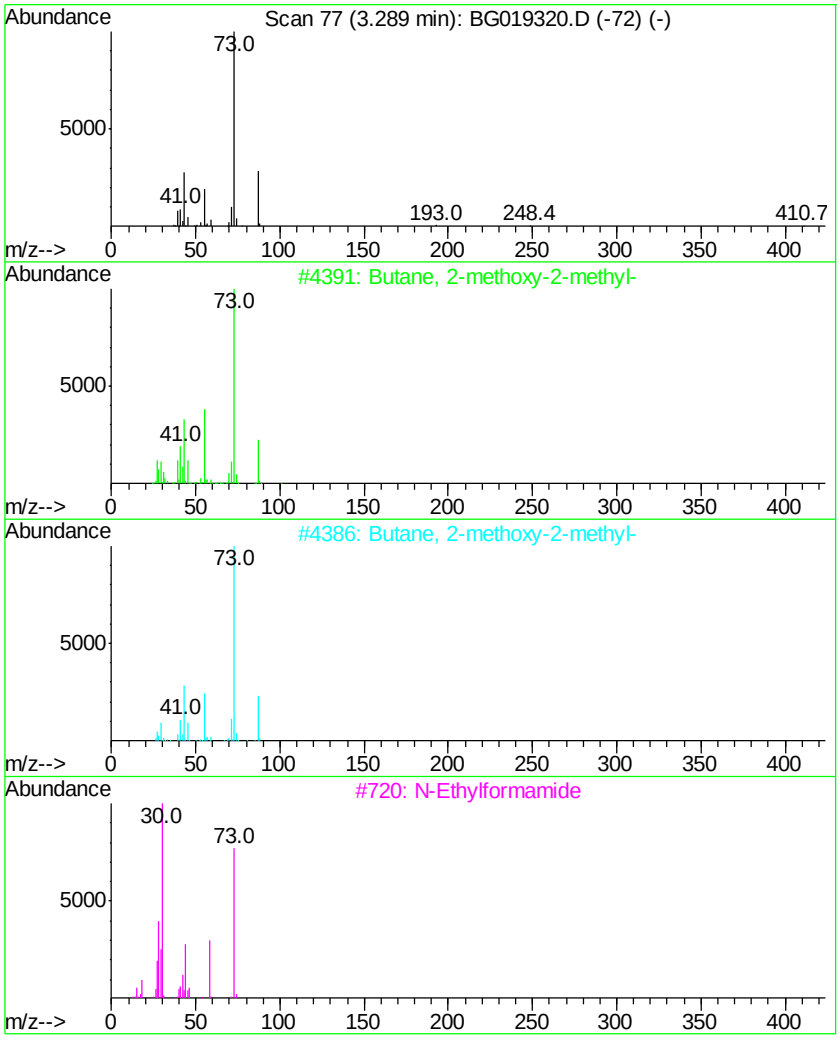
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

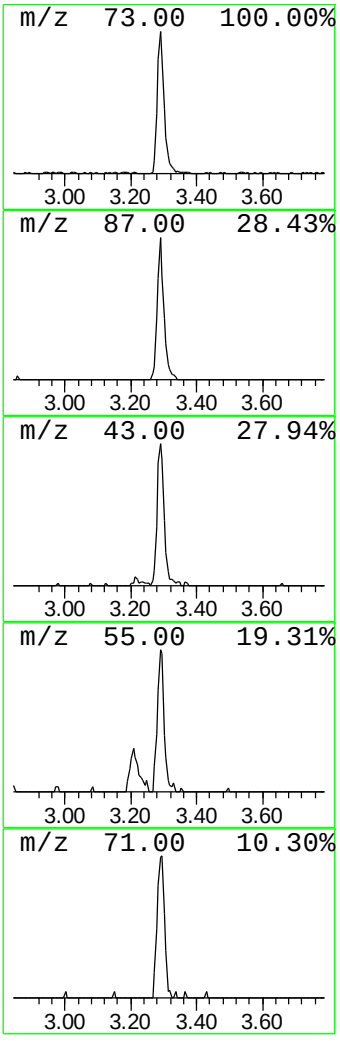
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	13.84 ng/ul	117052	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
5	Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019320.D
Acq On : 24 Oct 2015 4:46
Operator : UM/NP
Sample : G4058-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LL6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

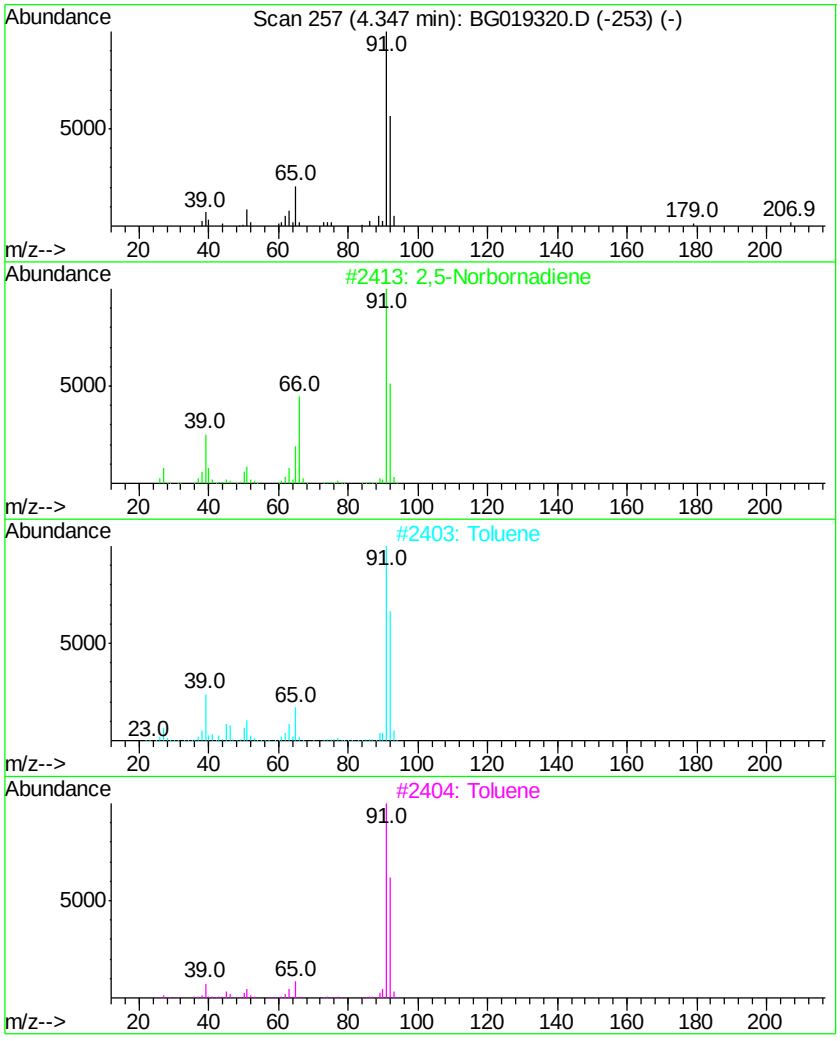
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

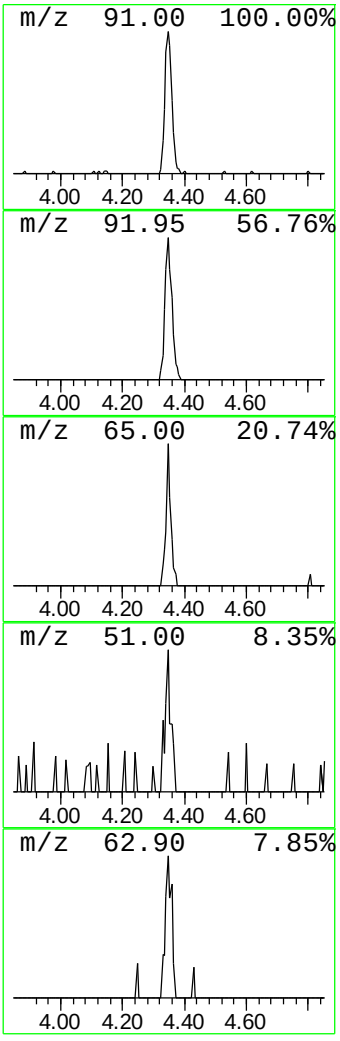
****

Peak Number 3 2,5-Norbornadiene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	4.50 ng/ul	38093	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Norbornadiene	92	C7H8	000121-46-0	90
2	Toluene	92	C7H8	000108-88-3	90
3	Toluene	92	C7H8	000108-88-3	86
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	83
5	Toluene	92	C7H8	000108-88-3	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019320.D
Acq On : 24 Oct 2015 4:46
Operator : UM/NP
Sample : G4058-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LL6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

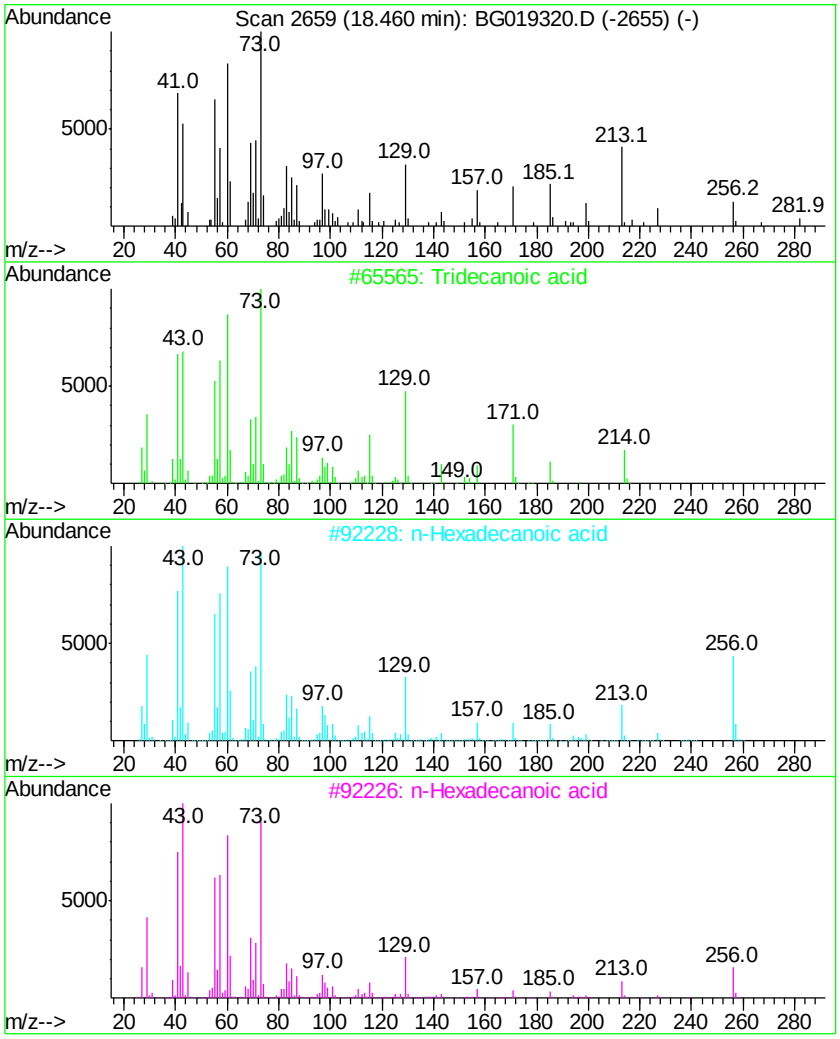
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

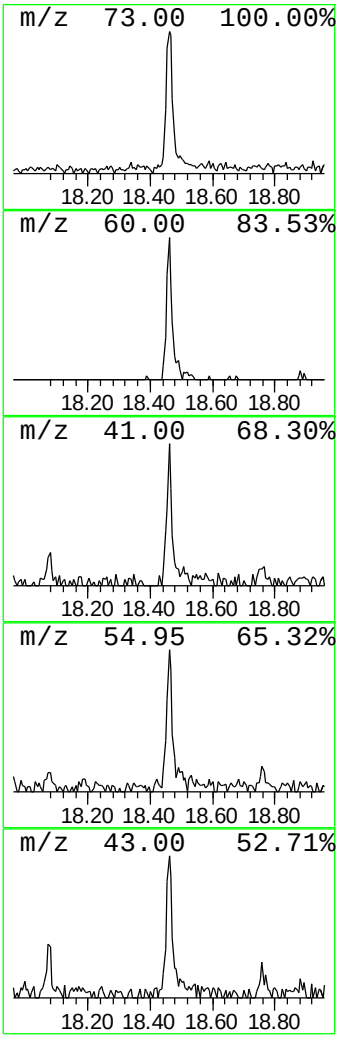
****

Peak Number 4 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	3.81 ng/ul	111300	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	58
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55
4	Dodecanoic acid	200	C12H24O2	000143-07-7	53
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019320.D
Acq On : 24 Oct 2015 4:46
Operator : UM/NP
Sample : G4058-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LL6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

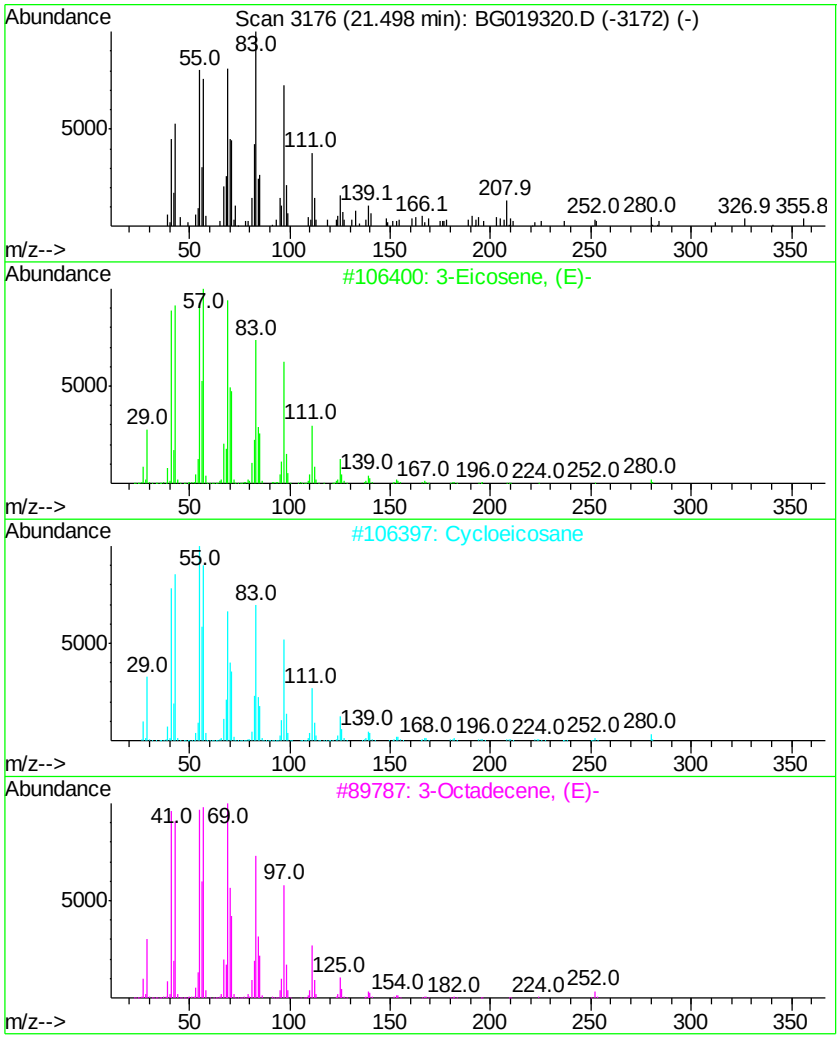
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

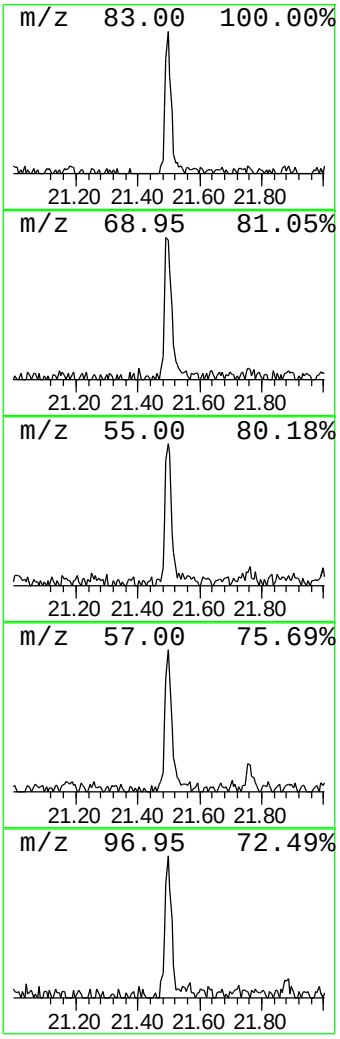
****

Peak Number 5 (DEL) Alkane: Cyclic21.50 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	2.16 ng/ul	92724	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	Cycloeicosane	280	C20H40	000296-56-0	94
3	3-Octadecene, (E)-	252	C18H36	007206-19-1	92
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019320.D
Acq On : 24 Oct 2015 4:46
Operator : UM/NP
Sample : G4058-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LL6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

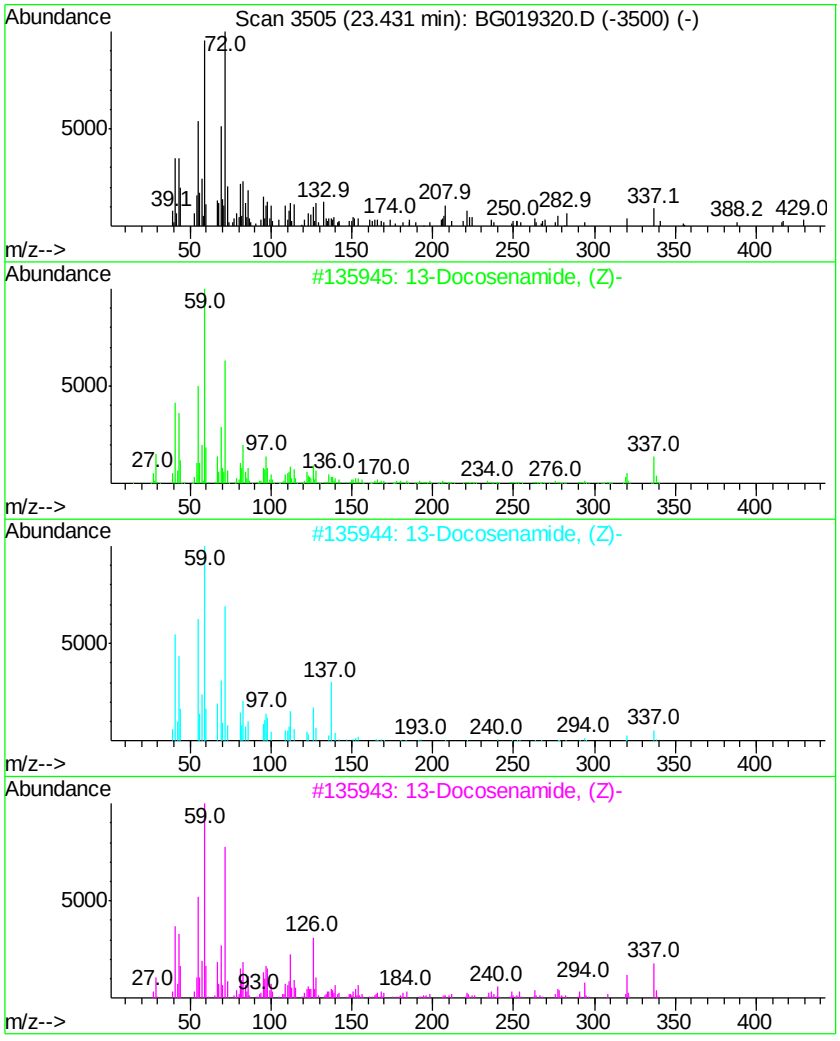
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

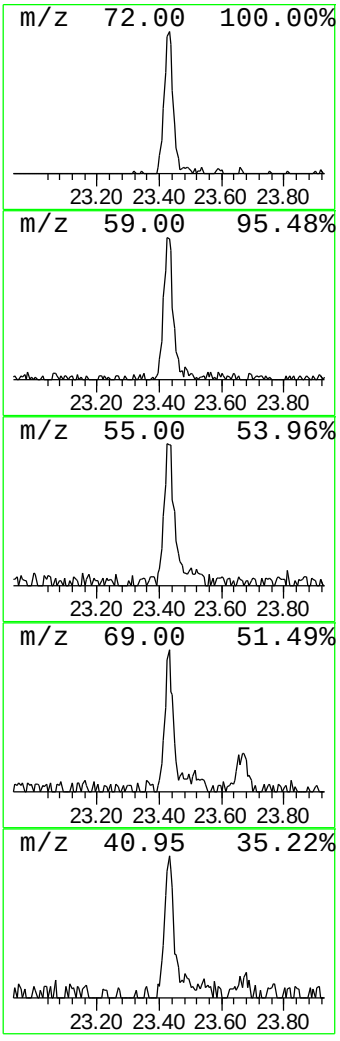
****

Peak Number 6 13-Docosenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.43	3.31 ng/ul	142373	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	50
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	50
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	49
4	Octadecanamide	283	C18H37NO	000124-26-5	49
5	Tetradecanamide	227	C14H29NO	000638-58-4	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102315\
Data File : BG019320.D
Acq On : 24 Oct 2015 4:46
Operator : UM/NP
Sample : G4058-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LL6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.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...	3.29	13.8	ng/ul	117052	1	8.24	169146	20.0
2,5-Norbornadiene	4.35	4.5	ng/ul	38093	1	8.24	169146	20.0
Tridecanoic acid	18.46	3.8	ng/ul	111300	4	17.60	584892	20.0
(DEL) Alkane: Cyc...	21.50	2.2	ng/ul	92724	5	21.89	859510	20.0
13-Docosenamide, ...	23.43	3.3	ng/ul	142373	5	21.89	859510	20.0