LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
Data File : BG020180.D
Acq On : 15 Dec 2015 8:47
Operator : UM/SJ
Sample : G4787-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BN8

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-BG121415.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	3.129	43	49	57	rBV	30816	60516	7.46%	0.725%
2	3.205	58	62	67	rVB	15334	21362	2.63%	0.256%
3	3.470	104	107	114	rVB4	4199	6392	0.79%	0.077%
4	7.060	713	718	721	rBV4	1630	2670	0.33%	0.032%
5	7.248	743	750	760	rBV	99344	170915	21.06%	2.048%
6	7.418	771	779	791	rVB	73764	122476	15.09%	1.467%
7	7.624	808	814	825	rVB	94135	161187	19.86%	1.931%
8	8.100	889	895	904	rBV	77360	128113	15.78%	1.535%
9	8.799	1007	1014	1023	rVB	129792	219817	27.08%	2.633%
10	9.263	1087	1093	1100	rBV	93943	165016	20.33%	1.977%
11	9.363	1104	1110	1117	rVB2	9268	16814	2.07%	0.201%
12	9.662	1159	1161	1167	rVB3	1336	1742	0.21%	0.021%
13	9.991	1204	1217	1225	rBV	79253	156479	19.28%	1.875%
14	10.526	1302	1308	1316	rBV	130951	232705	28.67%	2.788%
15	10.914	1366	1374	1382	rBV	110213	194533	23.97%	2.331%
16	11.049	1388	1397	1407	rBV	112062	219097	26.99%	2.625%
17	12.488	1638	1642	1648	rVB5	1499	1946	0.24%	0.023%
18	13.147	1751	1754	1757	rBV	758	1162	0.14%	0.014%
19	13.329	1782	1785	1788	rVV3	1497	1508	0.19%	0.018%
20	13.387	1792	1795	1801	rVB4	1066	1686	0.21%	0.020%
21	13.540	1818	1821	1824	rVB3	1885	1829	0.23%	0.022%
22	14.128	1914	1921	1925	rBV	291434	404659	49.85%	4.848%
23	14.175	1925	1929	1937	rVB	152267	207784	25.60%	2.489%
24	14.427	1964	1972	1980	rVB	282072	455087	56.06%	5.452%
25	14.610	1998	2003	2008	rVB2	5989	7625	0.94%	0.091%
26	14.727	2017	2023	2030	rVB2	194479	320330	39.46%	3.838%
27	14.798	2030	2035	2038	rBV2	4114	6141	0.76%	0.074%
28	14.909	2048	2054	2069	rBV	134196	207344	25.54%	2.484%
29	15.103	2085	2087	2089	rBV3	1933	2183	0.27%	0.026%
30	15.221	2103	2107	2116	rVB5	1523	3592	0.44%	0.043%
31	15.297	2116	2120	2121	rBV3	1393	1520	0.19%	0.018%
32	15.514	2152	2157	2160	rBV	3382	4163	0.51%	0.050%
33	15.555	2160	2164	2169	rVB	10223	13214	1.63%	0.158%
34	15.720	2185	2192	2199	rBV	407567	607321	74.82%	7.276%

LSC Area Percent Report

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Operator : UM/SJ
Sample : G4787-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BN8

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-BG121415.M
Title : SVOA CALIBRATION

35	15.826	2204	2210	2219	rVB	92602	135222	16.66%	1.620%
36	15.961	2224	2233	2237	rBV9	6715	13604	1.68%	0.163%
37	16.002	2237	2240	2245	rVB4	1542	2453	0.30%	0.029%
38	16.055	2245	2249	2251	rVB3	1981	2287	0.28%	0.027%
39	16.114	2254	2259	2263	rVB4	1899	2573	0.32%	0.031%
40	16.172	2265	2269	2274	rBV5	1794	2966	0.37%	0.036%
41	16.413	2305	2310	2314	rBV3	12369	19242	2.37%	0.231%
42	16.590	2338	2340	2343	rVB2	1299	1158	0.14%	0.014%
43	16.760	2365	2369	2372	rBV2	2667	3811	0.47%	0.046%
44	16.825	2375	2380	2383	rVV3	1680	2347	0.29%	0.028%
45	16.883	2386	2390	2391	rVB4	1400	1612	0.20%	0.019%
46	16.924	2391	2397	2400	rBV2	1867	2270	0.28%	0.027%
47	16.995	2407	2409	2412	rVB2	1400	1245	0.15%	0.015%
48	17.148	2433	2435	2438	rBV3	1015	1165	0.14%	0.014%
49	17.212	2442	2446	2450	rVV3	9897	13799	1.70%	0.165%
50	17.265	2450	2455	2459	rVB4	3504	5957	0.73%	0.071%
51	17.471	2484	2490	2496	rBV2	296070	445224	54.85%	5.334%
52	17.571	2500	2507	2514	rVV2	462325	693443	85.43%	8.308%
53	17.618	2514	2515	2523	rVB4	1391	1982	0.24%	0.024%
54	17.741	2533	2536	2540	rVB	1462	2223	0.27%	0.027%
55	17.835	2548	2552	2556	rBV3	1815	2925	0.36%	0.035%
56	17.947	2567	2571	2576	rBV3	5834	8023	0.99%	0.096%
57	18.217	2612	2617	2620	rBV3	1329	1750	0.22%	0.021%
58	18.340	2633	2638	2644	rBV2	42636	58979	7.27%	0.707%
59	18.423	2650	2652	2655	rVB3	1617	1317	0.16%	0.016%
60	18.546	2669	2673	2676	rBV4	1224	1662	0.20%	0.020%
61	18.634	2683	2688	2691	rBV4	3715	5014	0.62%	0.060%
62	19.004	2748	2751	2755	rVB2	1418	1942	0.24%	0.023%
63	19.257	2792	2794	2800	rVB2	990	1515	0.19%	0.018%
64	19.486	2827	2833	2843	rBV2	5843	12320	1.52%	0.148%
65	19.604	2849	2853	2861	rBV4	10715	15156	1.87%	0.182%
66	19.739	2874	2876	2878	rBV	3482	2516	0.31%	0.030%
67	19.850	2888	2895	2904	rBV	568043	811730	100.00%	9.725%
68	20.144	2942	2945	2946	rBV2	1735	1770	0.22%	0.021%
69	20.209	2951	2956	2957	rBV3	3475	5541	0.68%	0.066%
70	20.597	3018	3022	3023	rBV3	1500	1923	0.24%	0.023%
71	20.749	3044	3048	3053	rVB5	9124	13632	1.68%	0.163%

LSC Area Percent Report

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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BN8

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-BG121415.M
Title : SVOA CALIBRATION

72	20.791	3053	3055	3058	rBV2	1568	1932	0.24%	0.023%
73	20.902	3072	3074	3076	rVB2	2197	1155	0.14%	0.014%
74	20.979	3083	3087	3092	rBV7	2478	3505	0.43%	0.042%
75	21.366	3148	3153	3165	rBV	90094	143150	17.64%	1.715%
76	21.742	3210	3217	3227	rVB	330502	525756	64.77%	6.299%
77	24.786	3724	3735	3747	rBV	268944	732934	90.29%	8.781%
78	25.015	3763	3774	3785	rBV2	177930	504552	62.16%	6.045%
79	28.529	4370	4372	4373	rVB2	2520	1106	0.14%	0.013%
80	29.786	4584	4586	4589	rBV3	1652	1720	0.21%	0.021%

Sum of corrected areas: 8347036

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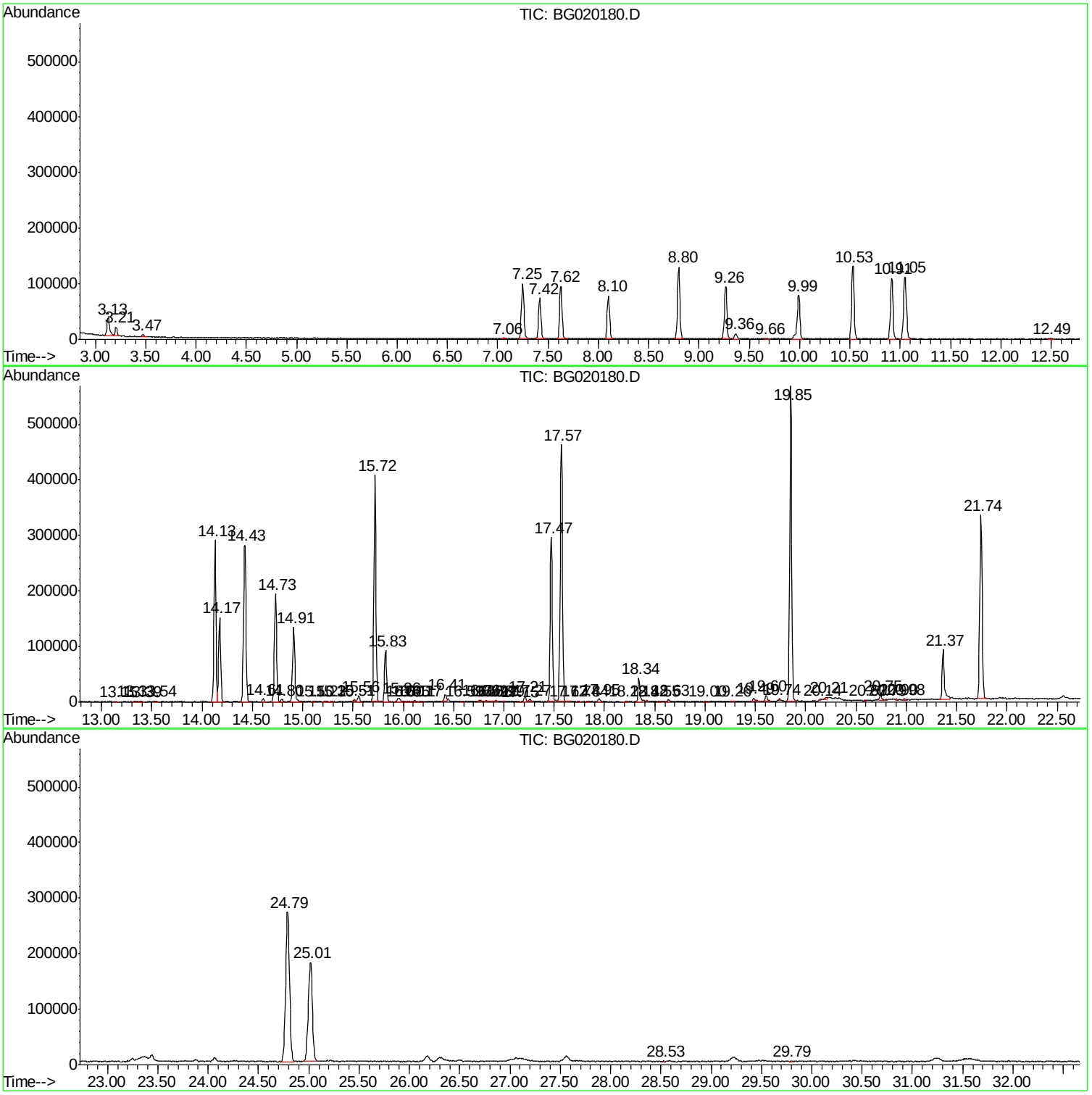
Instrument :
BNA_G
ClientSampleId :
G9BN8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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



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Data File : BG020180.D
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Operator : UM/SJ
Sample : G4787-16
Misc :
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Instrument : BNA_G
ClientSampleId : G9BN8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

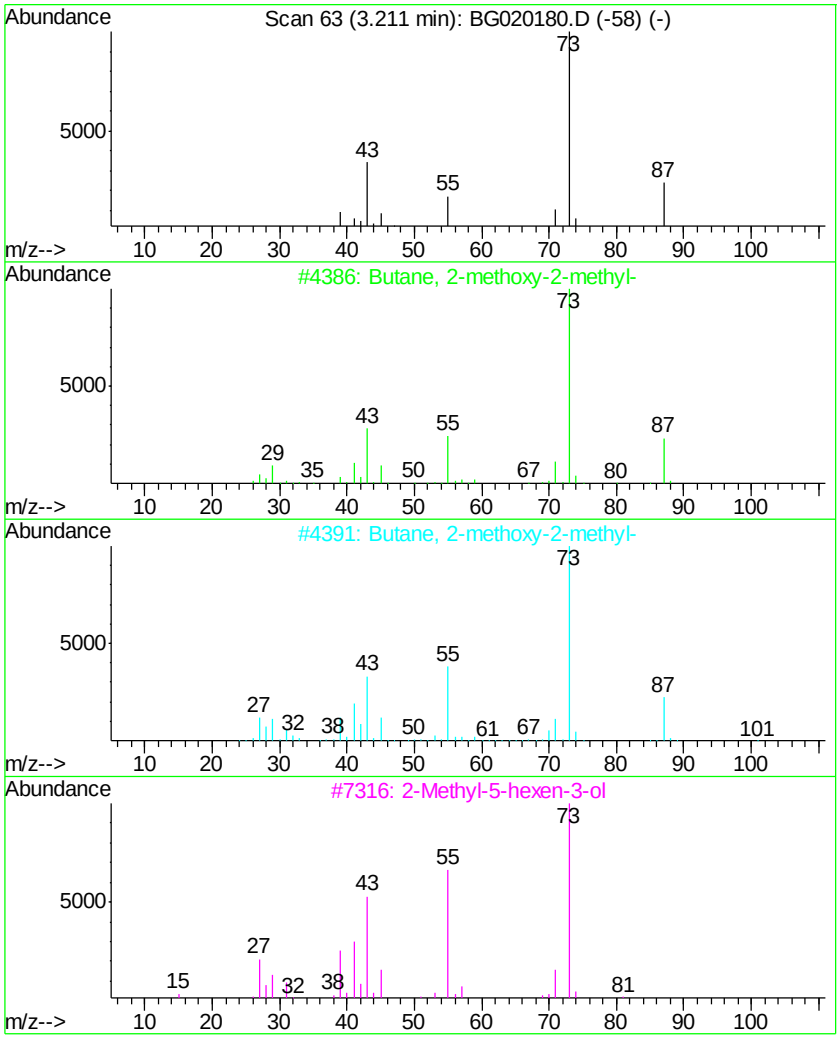
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

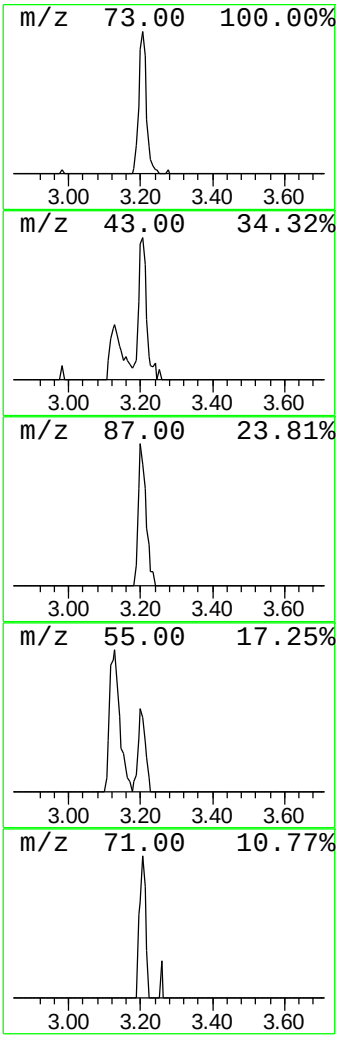
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	3.33 ng/ul	21362	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Sample : G4787-16
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ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BN8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

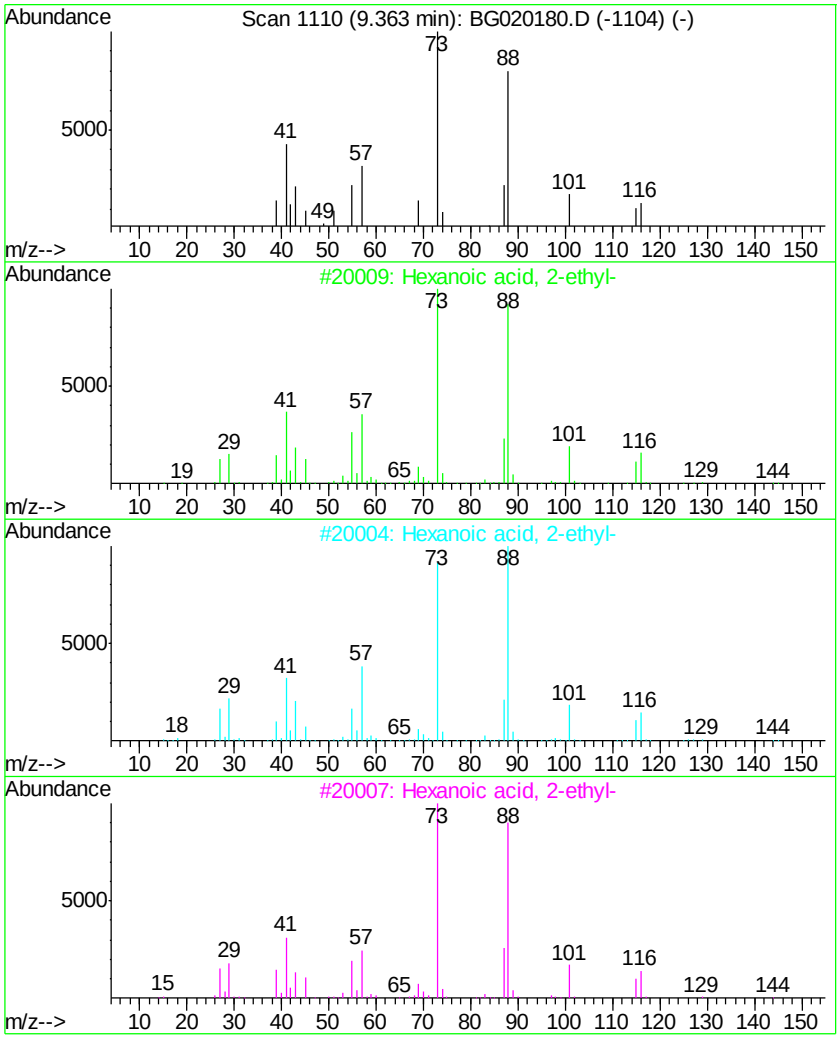
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

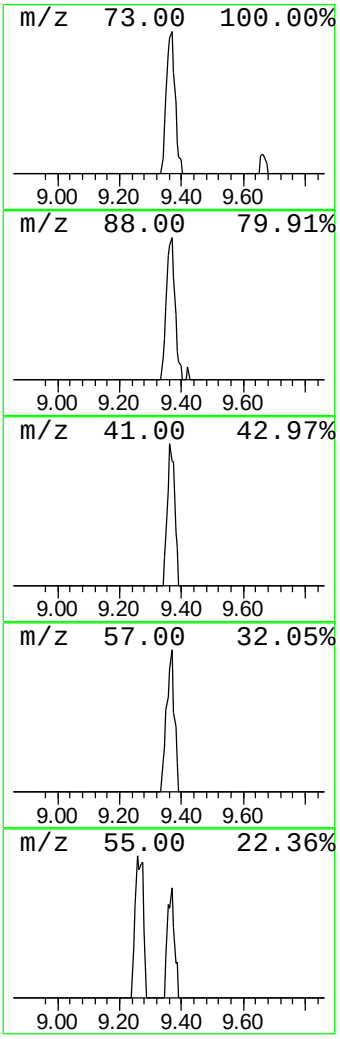
****

Peak Number 3 Hexanoic acid, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	2.62 ng/ul	16814	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
5	1-Methyl-1-silacyclopntan-1-ol	116	C5H12OSi	1000216-84-4	28





Library Search Compound Report

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Sample : G4787-16
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Instrument : BNA_G
ClientSampleId : G9BN8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

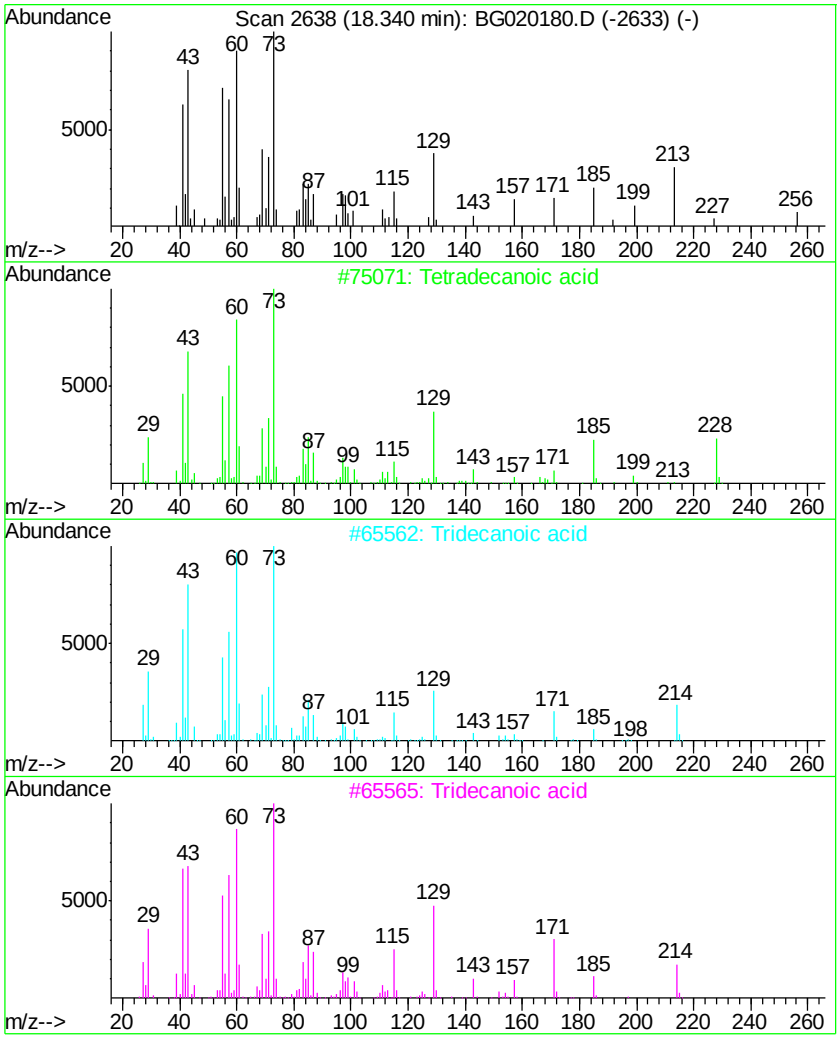
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

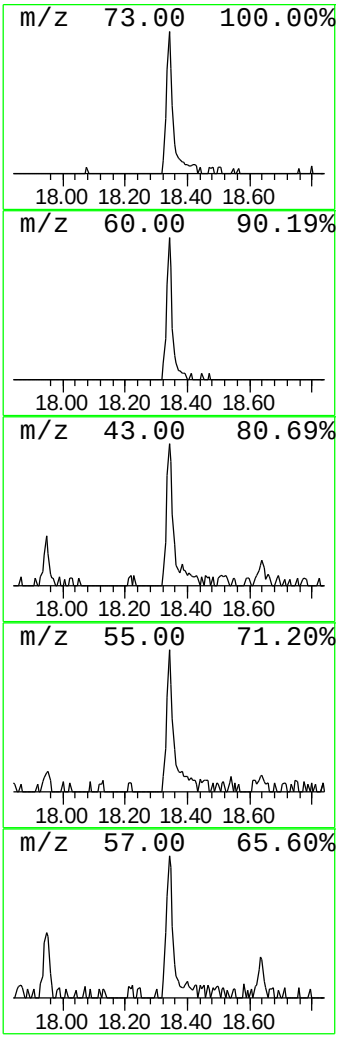
****

Peak Number 4 Tetradecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.65 ng/ul	58979	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	53
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53





Library Search Compound Report

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Sample : G4787-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BN8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

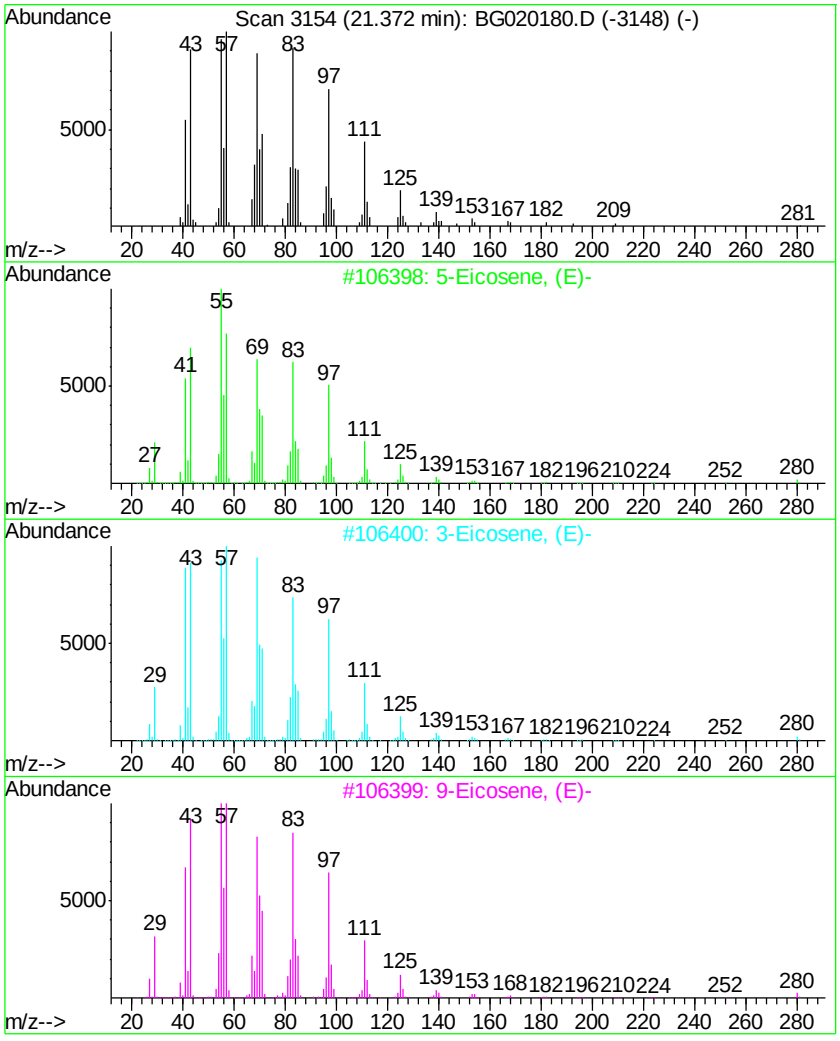
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

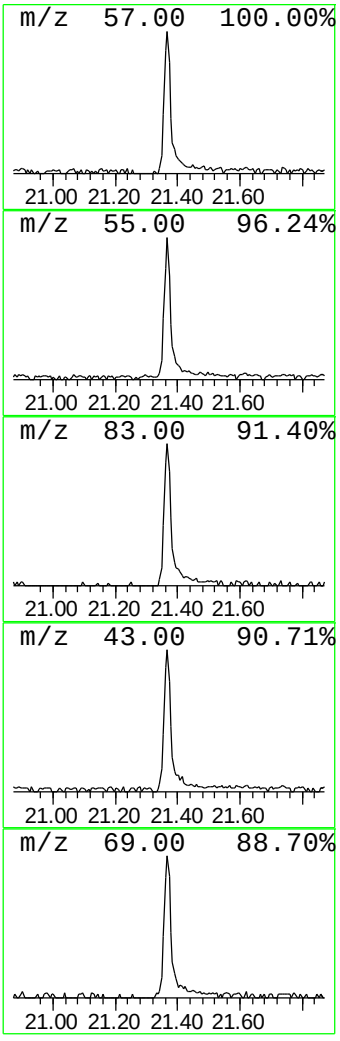
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	5.45 ng/ul	143150	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4	1-Docosene	308	C22H44	001599-67-3	90
5	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	90





Tentatively Identified Compound (LSC) summary

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Operator : UM/SJ
Sample : G4787-16
Misc :
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Instrument : BNA_G
ClientSampleId : G9BN8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.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...	3.21	3.3	ng/ul	21362	1	8.10	128113	20.0
Hexanoic acid, 2-...	9.36	2.6	ng/ul	16814	1	8.10	128113	20.0
Tetradecanoic acid	18.34	2.6	ng/ul	58979	4	17.47	445224	20.0
(DEL) Alkane: Str...	21.37	5.5	ng/ul	143150	5	21.74	525756	20.0