LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032516\
Data File : BG021519.D
Acq On : 25 Mar 2016 18:19
Operator : UM/SJ
Sample : H1909-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4T53

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-BG031616.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	4.075	208	210	213	rVB3	577	562	0.13%	0.012%
2	4.910	351	352	358	rBV2	519	1038	0.24%	0.023%
3	5.103	381	385	386	rBV2	490	587	0.14%	0.013%
4	5.585	464	467	470	rVB2	1190	1446	0.34%	0.032%
5	5.685	481	484	486	rBV	559	683	0.16%	0.015%
6	6.126	554	559	564	rBV	19306	28356	6.57%	0.625%
7	6.355	595	598	600	rBV	535	566	0.13%	0.012%
8	6.690	652	655	660	rVB	2171	2535	0.59%	0.056%
9	7.348	761	767	770	rBV2	12525	20424	4.73%	0.450%
10	7.389	770	774	783	rVB	39493	64660	14.99%	1.426%
11	7.642	811	817	825	rBB	46606	76142	17.65%	1.679%
12	8.065	883	889	894	rBV	48552	78325	18.16%	1.727%
13	8.118	894	898	903	rVB	6518	9193	2.13%	0.203%
14	8.682	991	994	997	rBB	741	807	0.19%	0.018%
15	8.852	1017	1023	1034	rBB	39191	69141	16.03%	1.525%
16	9.111	1065	1067	1070	rBV	980	1040	0.24%	0.023%
17	9.163	1070	1076	1082	rVV2	20361	35152	8.15%	0.775%
18	9.234	1082	1088	1095	rVB	60525	102417	23.74%	2.258%
19	9.404	1113	1117	1120	rVV2	1616	2071	0.48%	0.046%
20	9.957	1205	1211	1218	rBB	53068	93106	21.58%	2.053%
21	10.574	1309	1316	1322	rBV	72150	125700	29.14%	2.772%
22	10.632	1322	1326	1332	rVB3	2251	4156	0.96%	0.092%
23	10.773	1347	1350	1354	rBB	1102	1296	0.30%	0.029%
24	10.873	1359	1367	1373	rBV	75363	130299	30.20%	2.873%
25	10.920	1373	1375	1378	rVB2	1591	1541	0.36%	0.034%
26	11.379	1448	1453	1457	rBB	2278	3317	0.77%	0.073%
27	11.443	1458	1464	1468	rBB3	2060	3351	0.78%	0.074%
28	11.525	1474	1478	1483	rBB2	904	1451	0.34%	0.032%
29	12.330	1612	1615	1618	rBB	933	999	0.23%	0.022%
30	12.448	1631	1635	1638	rBB	936	1328	0.31%	0.029%
31	13.035	1730	1735	1743	rBB	12895	18993	4.40%	0.419%
32	13.276	1772	1776	1782	rBB2	18587	26711	6.19%	0.589%
33	13.564	1821	1825	1828	rBB2	1860	2448	0.57%	0.054%
34	14.081	1907	1913	1919	rBV	164188	221724	51.40%	4.889%

LSC Area Percent Report

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Data File : BG021519.D
Acq On : 25 Mar 2016 18:19
Operator : UM/SJ
Sample : H1909-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4T53

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-BG031616.M
Title : SVOA CALIBRATION

35	14.128	1919	1921	1924	rVB	796	736	0.17%	0.016%
36	14.199	1931	1933	1936	rBB	840	706	0.16%	0.016%
37	14.375	1956	1963	1970	rBB	168881	259268	60.10%	5.717%
38	14.540	1987	1991	1995	rBB2	2039	2421	0.56%	0.053%
39	14.681	2009	2015	2022	rBB2	116296	187747	43.52%	4.140%
40	15.109	2083	2088	2094	rBV2	8545	15323	3.55%	0.338%
41	15.374	2129	2133	2135	rBV	1445	1618	0.38%	0.036%
42	15.403	2135	2138	2143	rVV	7682	10260	2.38%	0.226%
43	15.450	2143	2146	2147	rVV2	1814	1848	0.43%	0.041%
44	15.480	2147	2151	2156	rVB	10416	13137	3.05%	0.290%
45	15.668	2177	2183	2193	rBB	228919	335744	77.83%	7.404%
46	15.797	2200	2205	2212	rBB	72109	105712	24.51%	2.331%
47	15.903	2220	2223	2227	rBB	1376	1603	0.37%	0.035%
48	16.026	2240	2244	2245	rBV	1035	1181	0.27%	0.026%
49	16.038	2245	2246	2249	rVB	733	640	0.15%	0.014%
50	16.508	2323	2326	2329	rBB	705	840	0.19%	0.019%
51	16.619	2342	2345	2348	rBV	837	730	0.17%	0.016%
52	16.661	2348	2352	2356	rVB2	2318	2796	0.65%	0.062%
53	16.766	2366	2370	2373	rVB2	1310	1586	0.37%	0.035%
54	16.825	2376	2380	2383	rVB3	997	1359	0.32%	0.030%
55	16.890	2387	2391	2394	rBB	1183	1394	0.32%	0.031%
56	17.154	2433	2436	2439	rBB	1560	1754	0.41%	0.039%
57	17.418	2475	2481	2489	rBV	154972	221700	51.39%	4.889%
58	17.518	2492	2498	2506	rVB	259472	364527	84.50%	8.038%
59	17.677	2521	2525	2529	rBV	5406	6294	1.46%	0.139%
60	18.071	2587	2592	2596	rVB	66194	82968	19.23%	1.830%
61	18.235	2616	2620	2622	rBV	1367	1395	0.32%	0.031%
62	18.259	2622	2624	2626	rVV3	2604	2747	0.64%	0.061%
63	18.288	2626	2629	2634	rVV3	2933	4387	1.02%	0.097%
64	18.359	2637	2641	2645	rVV	3411	4244	0.98%	0.094%
65	18.511	2662	2667	2669	rBV2	511	850	0.20%	0.019%
66	18.541	2669	2672	2676	rVB	714	1095	0.25%	0.024%
67	18.588	2679	2680	2684	rBV	424	590	0.14%	0.013%
68	18.693	2695	2698	2702	rVB2	370	564	0.13%	0.012%
69	18.805	2712	2717	2718	rVV2	1091	1063	0.25%	0.023%
70	18.876	2727	2729	2733	rVB2	1001	1029	0.24%	0.023%
71	18.975	2744	2746	2750	rVB	578	544	0.13%	0.012%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032516\
Data File : BG021519.D
Acq On : 25 Mar 2016 18:19
Operator : UM/SJ
Sample : H1909-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4T53

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-BG031616.M
Title : SVOA CALIBRATION

72	19.105	2767	2768	2770	rBV	648	550	0.13%	0.012%
73	19.134	2772	2773	2775	rVB	940	558	0.13%	0.012%
74	19.181	2778	2781	2784	rBV	638	735	0.17%	0.016%
75	19.269	2794	2796	2800	rVB3	1207	1474	0.34%	0.033%
76	19.310	2800	2803	2804	rBV2	1109	866	0.20%	0.019%
77	19.381	2812	2815	2816	rVB	739	541	0.13%	0.012%
78	19.428	2819	2823	2828	rBV	2532	4316	1.00%	0.095%
79	19.498	2833	2835	2837	rBV2	741	787	0.18%	0.017%
80	19.551	2841	2844	2848	rVB3	1545	1925	0.45%	0.042%
81	19.592	2848	2851	2853	rVB3	812	946	0.22%	0.021%
82	19.622	2853	2856	2858	rBV2	771	771	0.18%	0.017%
83	19.692	2862	2868	2873	rBV5	2021	4916	1.14%	0.108%
84	19.739	2873	2876	2878	rBV3	1235	1148	0.27%	0.025%
85	19.798	2879	2886	2893	rBV	305801	422338	97.90%	9.313%
86	19.863	2896	2897	2900	rVB2	1309	1250	0.29%	0.028%
87	19.892	2900	2902	2905	rBV4	1237	1906	0.44%	0.042%
88	19.963	2912	2914	2917	rBV2	1522	1540	0.36%	0.034%
89	19.992	2917	2919	2920	rBV2	939	699	0.16%	0.015%
90	20.280	2966	2968	2969	rBV2	1096	950	0.22%	0.021%
91	20.350	2979	2980	2983	rBV3	1425	920	0.21%	0.020%
92	20.380	2983	2985	2987	rBV2	1542	1287	0.30%	0.028%
93	20.456	2996	2998	3000	rBV3	1824	1233	0.29%	0.027%
94	20.497	3004	3005	3008	rVB3	2046	1437	0.33%	0.032%
95	20.556	3013	3015	3018	rVV4	1870	1246	0.29%	0.027%
96	21.678	3200	3206	3212	rVB	165793	270191	62.63%	5.958%
97	21.772	3219	3222	3226	rBV2	17415	21883	5.07%	0.483%
98	23.118	3444	3451	3465	rBV	172226	315971	73.25%	6.968%
99	24.675	3707	3716	3729	rVB	159342	431387	100.00%	9.513%
100	24.898	3745	3754	3765	rVB2	92981	267064	61.91%	5.889%

Sum of corrected areas: 4534800

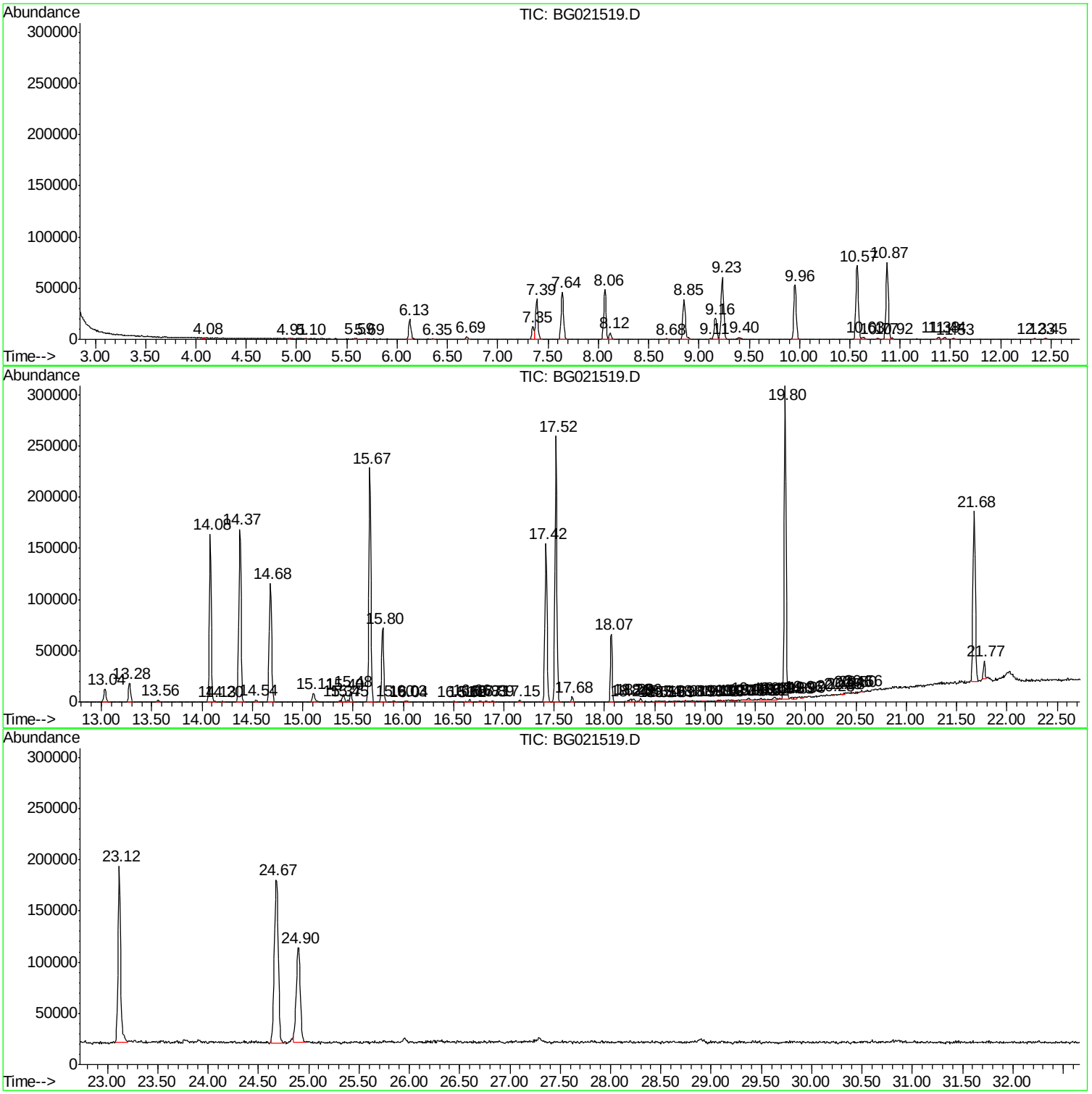
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032516\
Data File : BG021519.D
Acq On : 25 Mar 2016 18:19
Operator : UM/SJ
Sample : H1909-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4T53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.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\BG032516\
Data File : BG021519.D
Acq On : 25 Mar 2016 18:19
Operator : UM/SJ
Sample : H1909-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4T53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

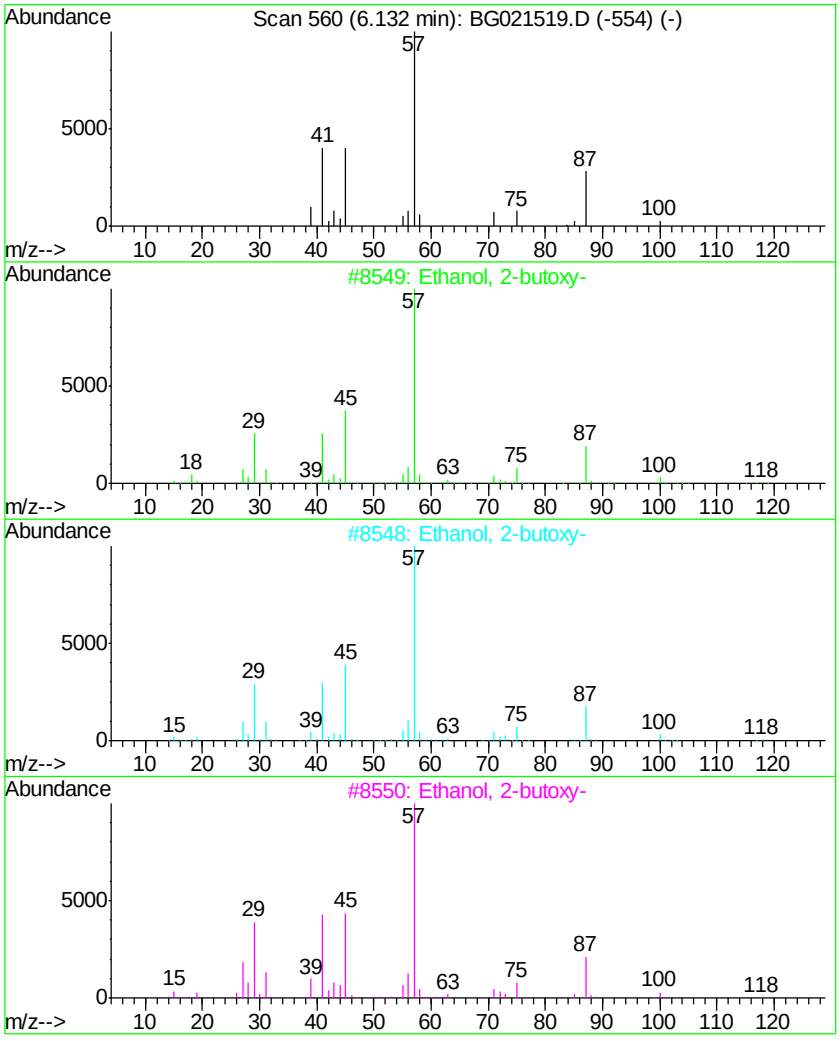
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

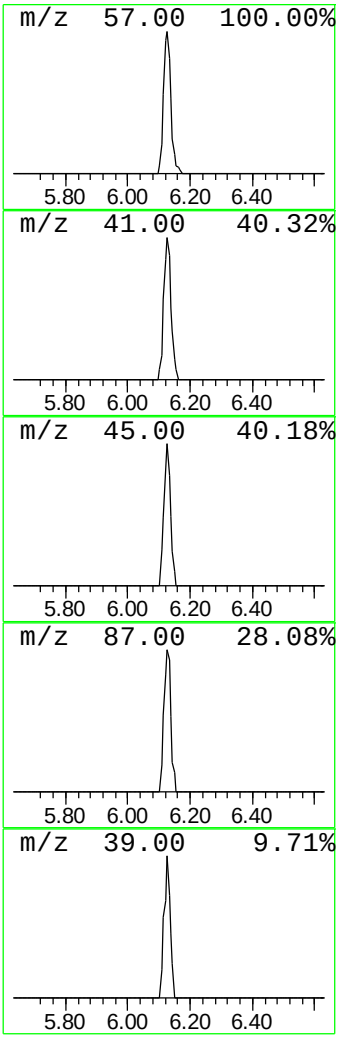
****

Peak Number 1 Ethanol, 2-butoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	7.24 ng/ul	28356	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
3	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	40
4	3-Buten-2-ol	72	C4H8O	000598-32-3	25
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032516\
Data File : BG021519.D
Acq On : 25 Mar 2016 18:19
Operator : UM/SJ
Sample : H1909-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4T53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

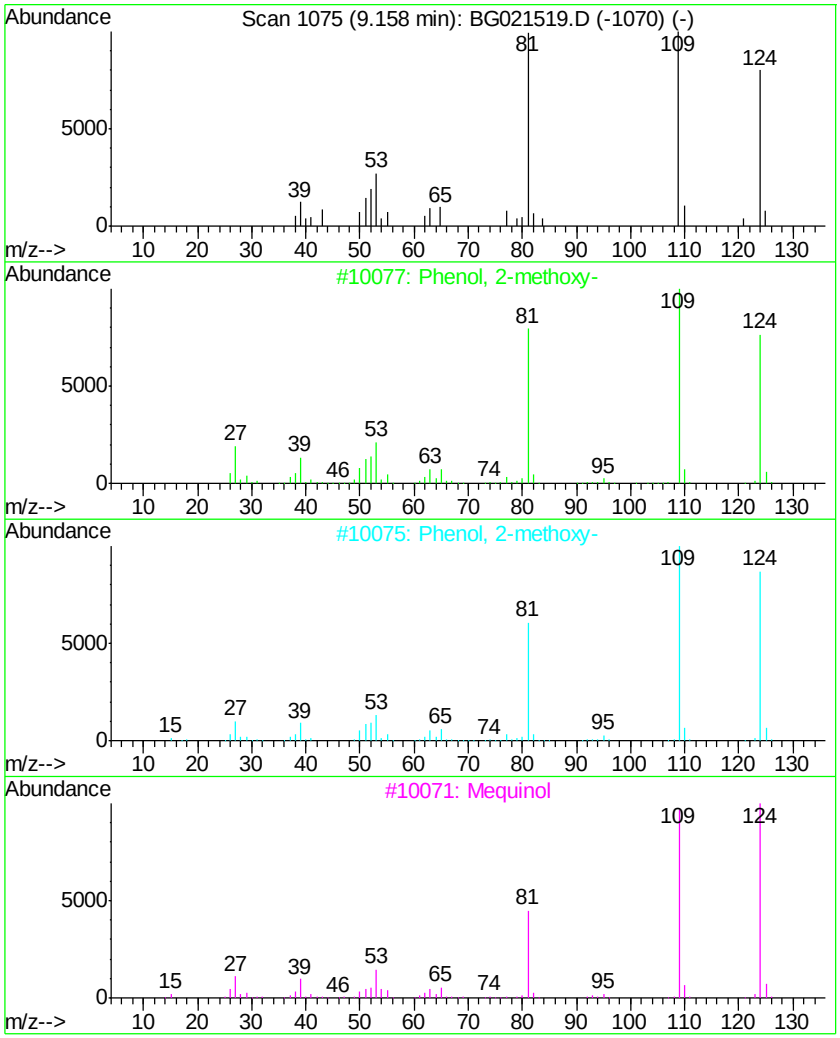
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

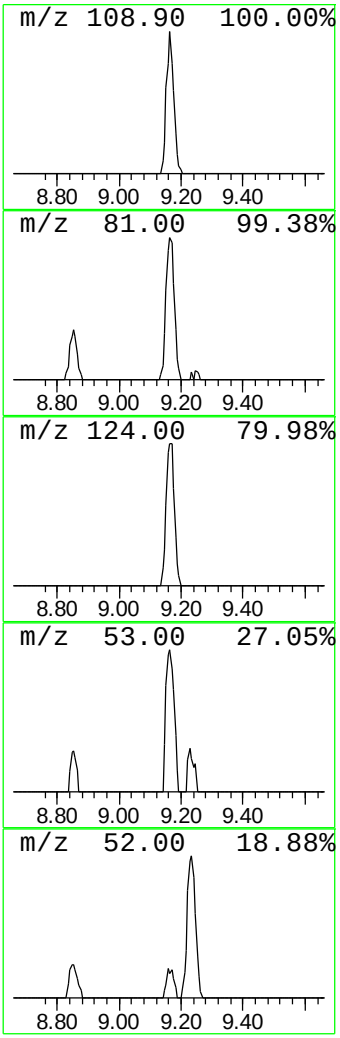
****

Peak Number 3 Phenol, 2-methoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	8.98 ng/ul	35152	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
3	Mequinol	124	C7H8O2	000150-76-5	91
4	Mequinol	124	C7H8O2	000150-76-5	87
5	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG032516\
Data File : BG021519.D
Acq On : 25 Mar 2016 18:19
Operator : UM/SJ
Sample : H1909-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4T53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

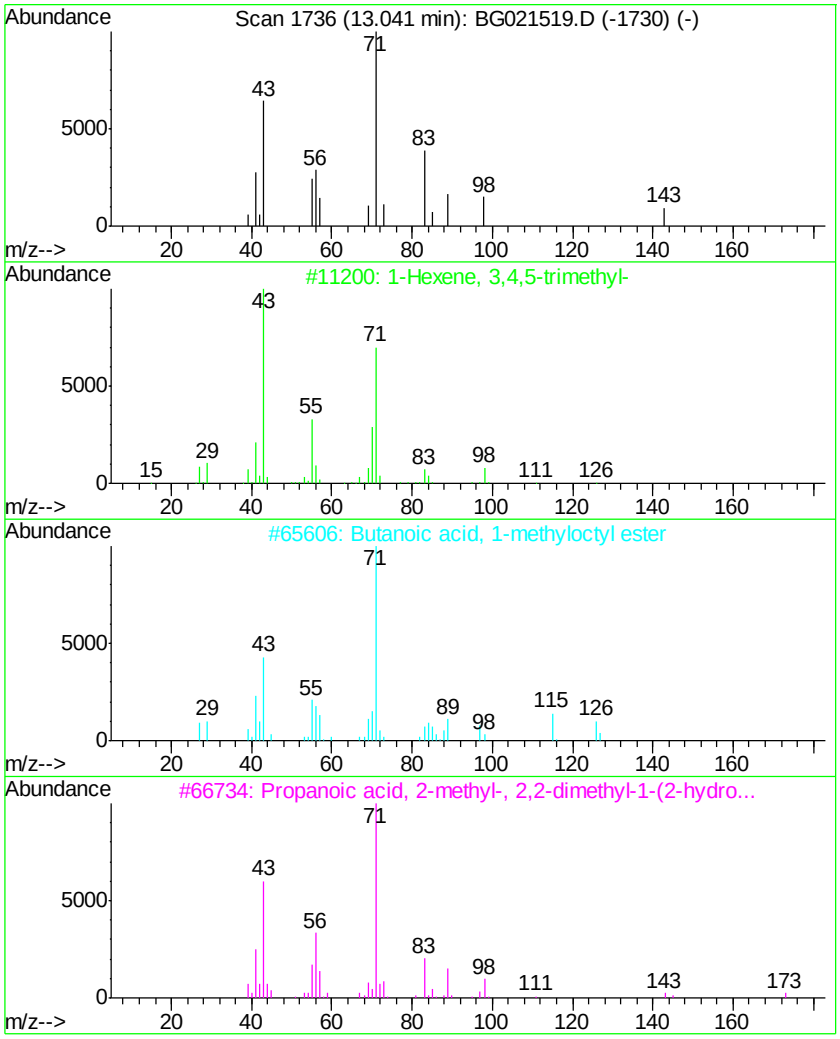
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

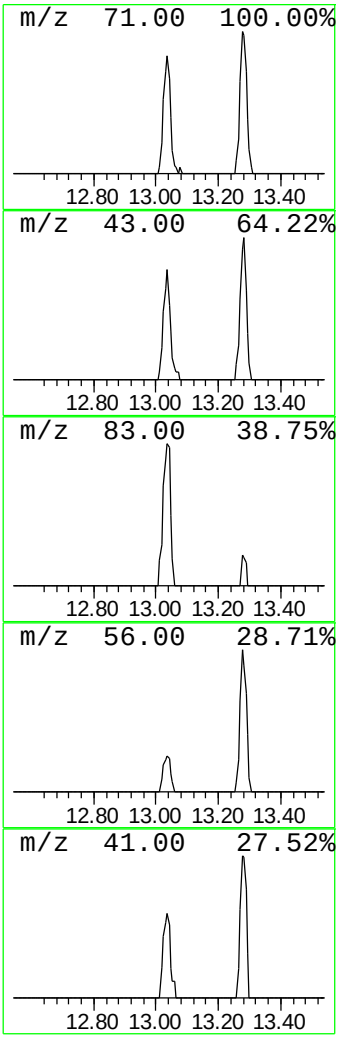
****

Peak Number 4 (DEL) Alkane: Cyclic13.04 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	2.02 ng/ul	18993	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	50
2	Butanoic acid, 1-methyloctyl ester	214	C13H26O2	069727-42-0	45
3	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	45
4	Ethanone, 1-(3-ethylcyclobutyl)-	126	C8H14O	056335-71-8	45
5	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	45





Data Path : Z:\HPCHEM1\BNA G\DATA\BG032516\
Data File : BG021519.D
Acq On : 25 Mar 2016 18:19
Operator : UM/SJ
Sample : H1909-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4T53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

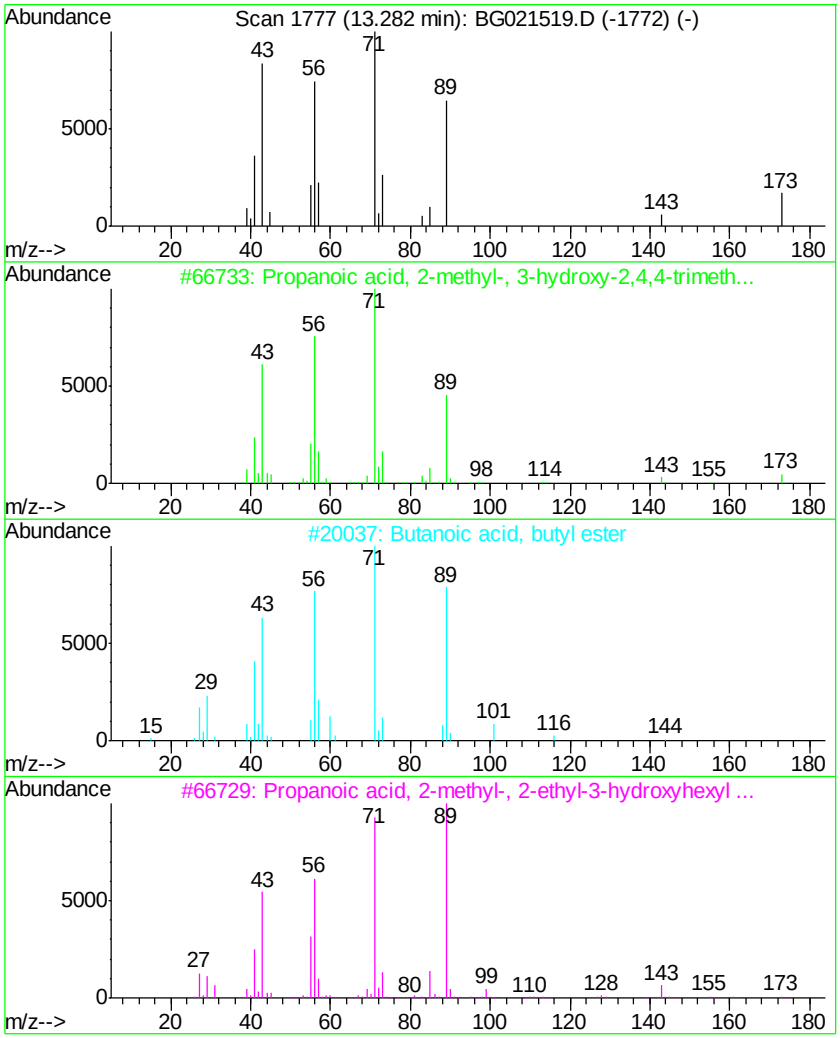
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

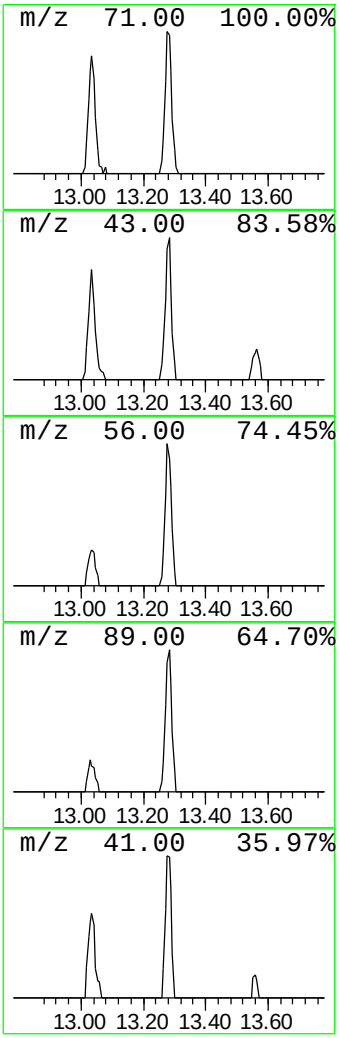
****

Peak Number 5 Propanoic acid, 2-methyl-, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	2.85 ng/ul	26711	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	90
2	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	50
3	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	38
4	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	36
5	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	36





Data Path : Z:\HPCHEM1\BNA G\DATA\BG032516\
Data File : BG021519.D
Acq On : 25 Mar 2016 18:19
Operator : UM/SJ
Sample : H1909-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4T53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

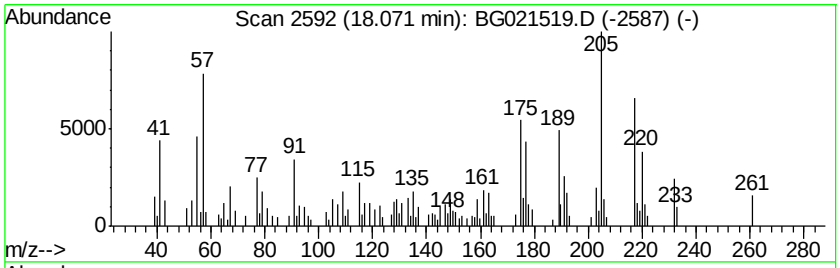
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

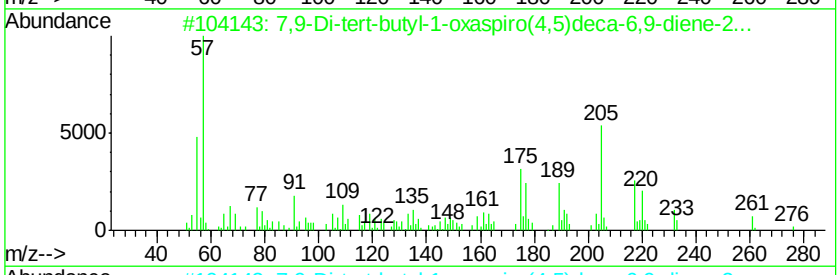
****

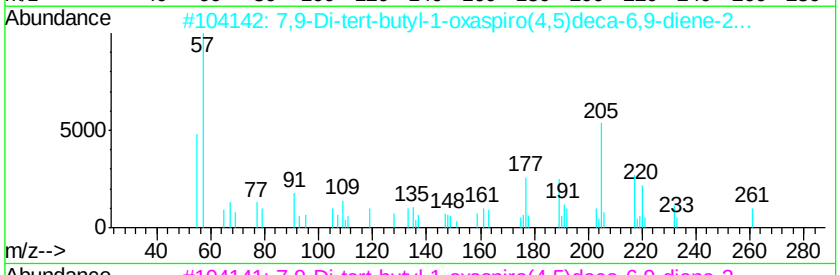
Peak Number 6 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 3

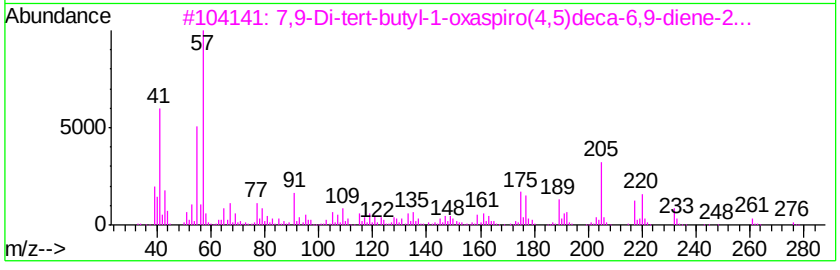
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	7.48 ng/ul	82968	Phenanthrene-d10	17.42

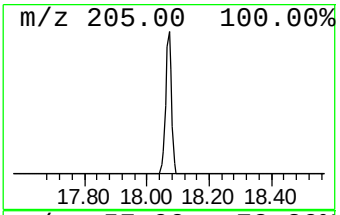
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	91
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	87
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	80
4	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	55
5	2-Phenazinecarbonitrile	205	C13H7N3	006479-93-2	53

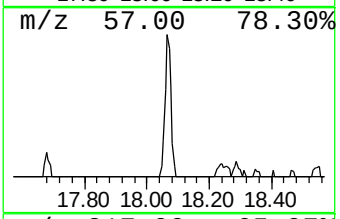


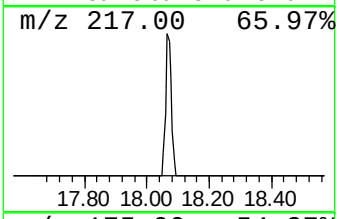


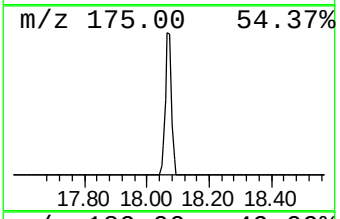


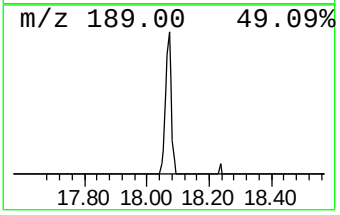












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032516\
Data File : BG021519.D
Acq On : 25 Mar 2016 18:19
Operator : UM/SJ
Sample : H1909-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4T53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

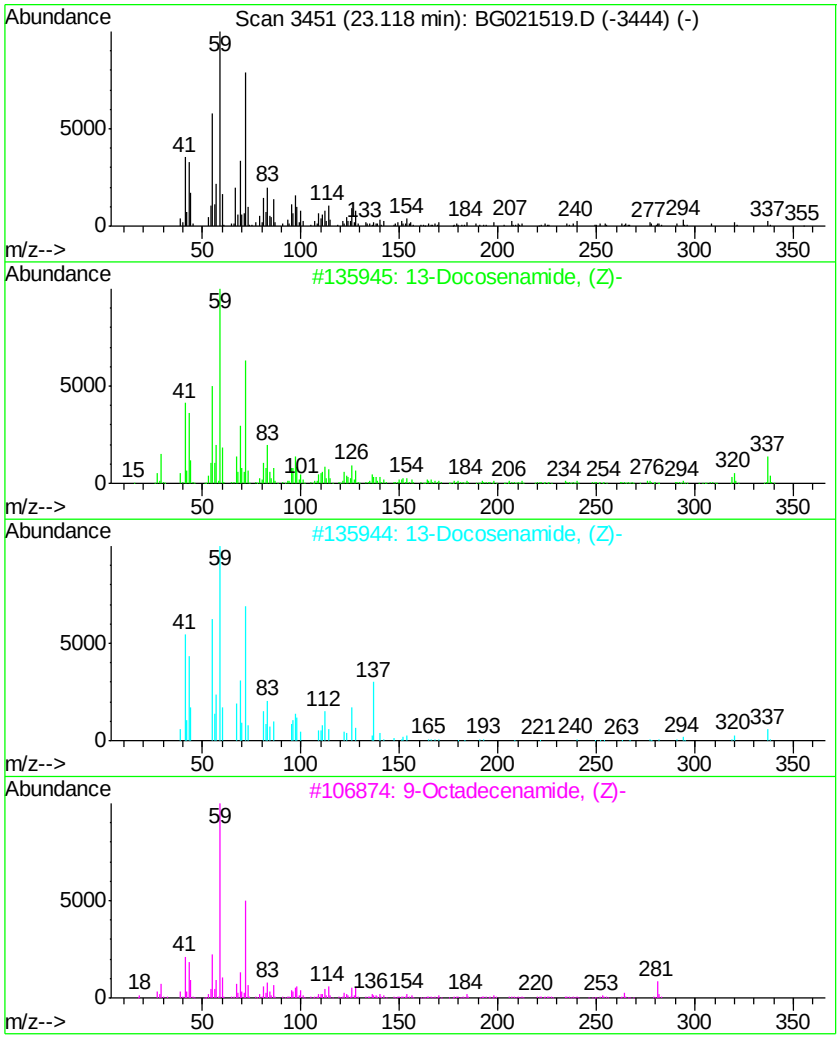
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

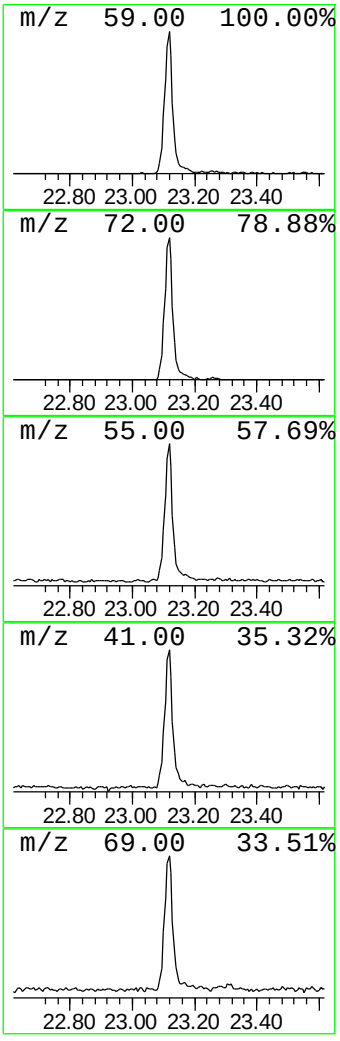
****

Peak Number 7 13-Docosenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	23.39 ng/ul	315971	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	72
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58
4	Decanamide-	171	C10H21NO	002319-29-1	53
5	Oleic Acid	282	C18H34O2	000112-80-1	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032516\
Data File : BG021519.D
Acq On : 25 Mar 2016 18:19
Operator : UM/SJ
Sample : H1909-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4T53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.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
Ethanol, 2-butoxy-	6.13	7.2	ng/ul	28356	1	8.06	78325	20.0
Phenol, 2-methoxy-	9.16	9.0	ng/ul	35152	1	8.06	78325	20.0
(DEL) Alkane: Cyc...	13.04	2.0	ng/ul	18993	3	14.68	187747	20.0
Propanoic acid, 2...	13.28	2.9	ng/ul	26711	3	14.68	187747	20.0
7,9-Di-tert-butyl...	18.07	7.5	ng/ul	82968	4	17.42	221700	20.0
13-Docosenamide, ...	23.12	23.4	ng/ul	315971	5	21.68	270191	20.0