LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080217\
Data File : BG028128.D
Acq On : 3 Aug 2017 3:54
Operator : SJ/JU
Sample : I4373-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	3.755	27	28	33	rBV3	1877	2684	0.22%	0.019%
2	3.849	38	44	51	rBV5	7121	10426	0.84%	0.075%
3	4.120	85	90	94	rBV4	2066	4365	0.35%	0.031%
4	4.349	125	129	139	rBV4	5756	8338	0.67%	0.060%
5	4.472	147	150	153	rBV3	2753	3915	0.31%	0.028%
6	4.778	198	202	206	rBV4	3018	3885	0.31%	0.028%
7	4.842	210	213	216	rBV3	1823	2731	0.22%	0.020%
8	4.889	216	221	230	rVV3	21340	36319	2.91%	0.261%
9	5.477	314	321	328	rBV	66678	111144	8.92%	0.797%
10	5.653	346	351	354	rBV3	1826	3389	0.27%	0.024%
11	5.747	364	367	372	rVB3	1830	2559	0.21%	0.018%
12	6.152	432	436	443	rVB3	1842	3983	0.32%	0.029%
13	6.205	443	445	450	rVV2	1486	2853	0.23%	0.020%
14	6.370	468	473	477	rVB3	1695	2578	0.21%	0.018%
15	6.446	482	486	492	rBV4	2236	4983	0.40%	0.036%
16	6.805	542	547	552	rBV4	1490	3238	0.26%	0.023%
17	7.210	614	616	625	rVV2	1270	2919	0.23%	0.021%
18	7.510	659	667	680	rBV	143364	299064	24.00%	2.145%
19	7.674	689	695	707	rVV	94633	165041	13.24%	1.184%
20	7.897	726	733	743	rBV	127063	231820	18.60%	1.663%
21	8.362	802	812	820	rBV	136394	247394	19.85%	1.774%
22	8.614	850	855	859	rBV3	2430	3452	0.28%	0.025%
23	9.055	921	930	939	rBV2	148051	285047	22.88%	2.045%
24	9.190	948	953	961	rBV3	2506	6163	0.49%	0.044%
25	9.531	1003	1011	1021	rBV2	135759	264138	21.20%	1.895%
26	10.254	1126	1134	1143	rVB2	118896	235253	18.88%	1.687%
27	10.800	1218	1227	1238	rBV	186403	355369	28.52%	2.549%
28	10.953	1248	1253	1259	rVV3	1741	3651	0.29%	0.026%
29	11.182	1285	1292	1306	rVB	229716	437520	35.11%	3.138%
30	11.311	1306	1314	1327	rBV3	137478	286245	22.97%	2.053%
31	11.393	1327	1328	1333	rVB3	3185	3551	0.28%	0.025%
32	11.546	1352	1354	1361	rVB3	1765	2774	0.22%	0.020%
33	11.617	1361	1366	1370	rBV2	1913	2774	0.22%	0.020%
34	11.910	1411	1416	1423	rVB	1940	3140	0.25%	0.023%

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Misc :
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Instrument : BNA_G
ClientSampleId : C0AA3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

35	12.163	1449	1459	1463	rBV4	3094	8036	0.64%	0.058%
36	12.339	1484	1489	1495	rBV2	2156	3527	0.28%	0.025%
37	12.492	1511	1515	1520	rBV3	1408	2533	0.20%	0.018%
38	12.539	1520	1523	1529	rVB2	1552	2850	0.23%	0.020%
39	12.633	1529	1539	1542	rBV4	4190	8431	0.68%	0.060%
40	12.674	1542	1546	1553	rVB6	5408	10304	0.83%	0.074%
41	12.751	1553	1559	1564	rBV4	3484	5638	0.45%	0.040%
42	12.821	1566	1571	1576	rBV4	1497	2745	0.22%	0.020%
43	13.021	1603	1605	1613	rBV2	1855	3296	0.26%	0.024%
44	13.262	1640	1646	1648	rBV2	1335	2535	0.20%	0.018%
45	13.326	1651	1657	1663	rBV5	3027	5986	0.48%	0.043%
46	13.409	1668	1671	1676	rVB2	1843	2548	0.20%	0.018%
47	13.485	1680	1684	1690	rBV2	2251	3128	0.25%	0.022%
48	13.567	1692	1698	1702	rBV3	3370	4118	0.33%	0.030%
49	13.761	1725	1731	1735	rBV3	3394	5266	0.42%	0.038%
50	14.284	1815	1820	1822	rBV3	2356	2827	0.23%	0.020%
51	14.361	1824	1833	1837	rBV	430014	633752	50.86%	4.546%
52	14.408	1837	1841	1851	rVV	147055	221202	17.75%	1.587%
53	14.666	1878	1885	1899	rBV	422613	691285	55.48%	4.958%
54	14.825	1904	1912	1917	rVB5	4797	11188	0.90%	0.080%
55	14.972	1928	1937	1947	rBV2	418332	693704	55.67%	4.976%
56	15.154	1960	1968	1984	rBV2	133600	302369	24.27%	2.169%
57	15.318	1993	1996	2000	rVB4	3628	5717	0.46%	0.041%
58	15.371	2000	2005	2014	rVV9	6849	13635	1.09%	0.098%
59	15.447	2014	2018	2023	rVB5	3828	5295	0.42%	0.038%
60	15.512	2027	2029	2033	rVB3	3260	3720	0.30%	0.027%
61	15.671	2051	2056	2059	rBV4	2154	3265	0.26%	0.023%
62	15.735	2062	2067	2069	rBV3	3364	5105	0.41%	0.037%
63	15.771	2069	2073	2078	rVB4	16504	26343	2.11%	0.189%
64	15.841	2080	2085	2087	rBV4	2379	3429	0.28%	0.025%
65	15.959	2098	2105	2114	rBV	622373	956434	76.76%	6.860%
66	16.070	2114	2124	2135	rBV	225545	357881	28.72%	2.567%
67	16.188	2137	2144	2151	rVB9	10117	24473	1.96%	0.176%
68	16.282	2156	2160	2162	rBV4	3194	3437	0.28%	0.025%
69	16.329	2163	2168	2170	rBV5	2910	4042	0.32%	0.029%
70	16.411	2175	2182	2189	rVB8	11357	22965	1.84%	0.165%
71	16.482	2192	2194	2196	rVB2	2981	2877	0.23%	0.021%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I4373-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

72	16.534	2197	2203	2206	rVB6	3322	6037	0.48%	0.043%
73	16.581	2206	2211	2215	rBV5	6978	10884	0.87%	0.078%
74	16.634	2215	2220	2233	rBV3	28112	57681	4.63%	0.414%
75	16.834	2245	2254	2261	rBV10	6215	17498	1.40%	0.126%
76	16.910	2262	2267	2270	rVB5	3809	7242	0.58%	0.052%
77	16.975	2274	2278	2282	rBV4	6252	10042	0.81%	0.072%
78	17.040	2285	2289	2293	rVB7	4562	5656	0.45%	0.041%
79	17.093	2295	2298	2304	rBV6	3013	3423	0.27%	0.025%
80	17.140	2304	2306	2311	rVB4	4945	5647	0.45%	0.041%
81	17.239	2314	2323	2329	rBV4	7984	17907	1.44%	0.128%
82	17.427	2351	2355	2360	rBV	20989	25347	2.03%	0.182%
83	17.486	2362	2365	2372	rVB7	4565	8572	0.69%	0.061%
84	17.721	2398	2405	2416	rBV2	562692	919216	73.77%	6.593%
85	17.815	2416	2421	2430	rVB2	618047	1019928	81.85%	7.316%
86	17.962	2443	2446	2449	rBV5	5112	5818	0.47%	0.042%
87	18.033	2456	2458	2463	rBV5	3543	6379	0.51%	0.046%
88	18.168	2477	2481	2486	rVB5	11347	16025	1.29%	0.115%
89	18.262	2495	2497	2502	rBV6	3794	5956	0.48%	0.043%
90	18.350	2508	2512	2515	rBV6	6483	9001	0.72%	0.065%
91	18.573	2545	2550	2558	rBV4	47033	103258	8.29%	0.741%
92	18.926	2606	2610	2611	rBV4	13101	16084	1.29%	0.115%
93	19.731	2742	2747	2748	rBV5	14159	21756	1.75%	0.156%
94	19.754	2749	2751	2756	rVB2	22795	30745	2.47%	0.221%
95	19.831	2760	2764	2773	rBV2	21695	51893	4.16%	0.372%
96	20.089	2803	2808	2820	rVB	801700	1246085	100.00%	8.938%
97	22.051	3135	3142	3159	rVB	531454	1017979	81.69%	7.302%
98	24.496	3553	3558	3567	rVB3	39809	99263	7.97%	0.712%
99	25.324	3689	3699	3715	rVB2	364536	1081167	86.77%	7.755%
100	25.571	3728	3741	3757	rVB3	288390	1006574	80.78%	7.220%

Sum of corrected areas: 13941654

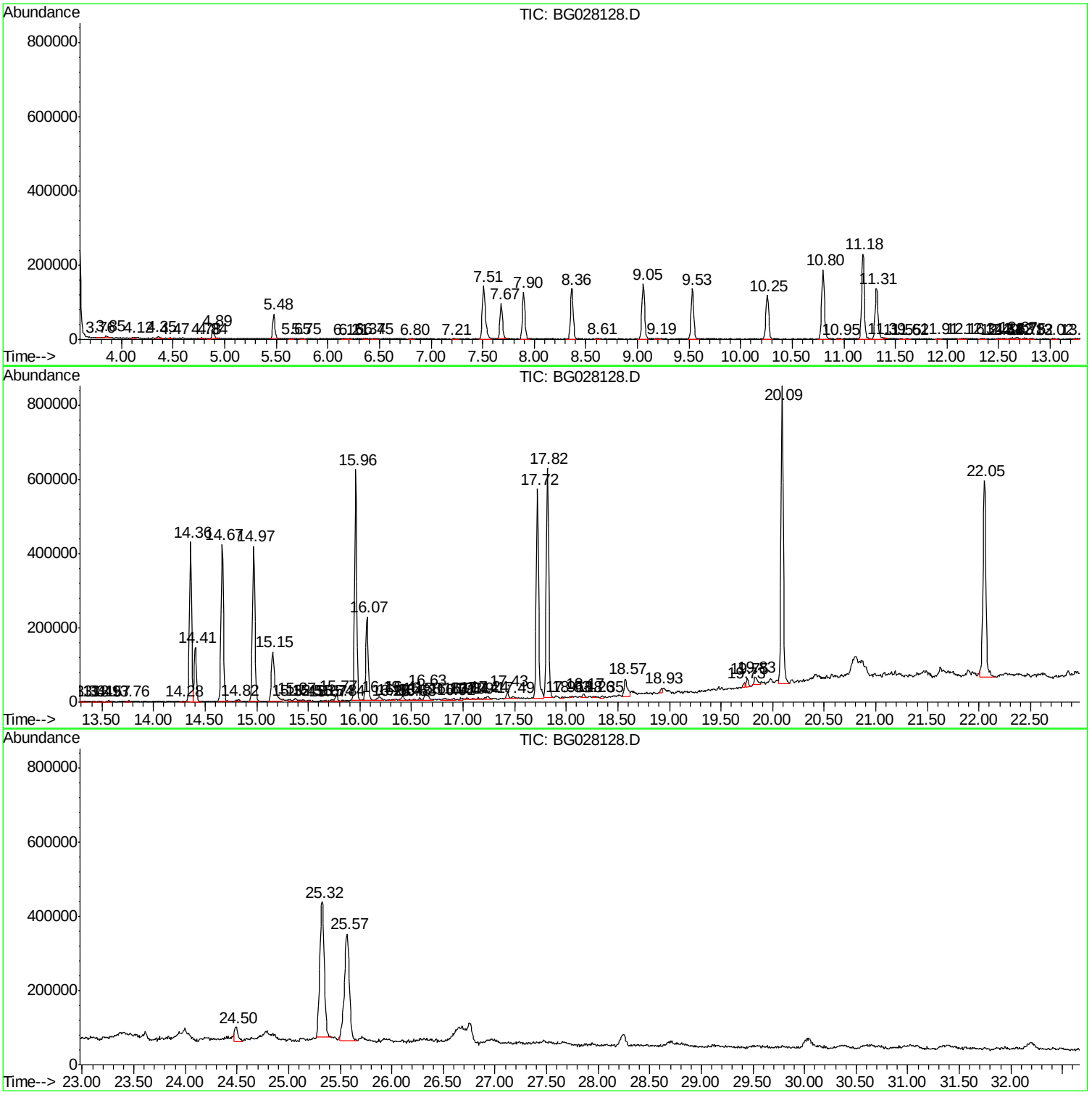
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080217\
Data File : BG028128.D
Acq On : 3 Aug 2017 3:54
Operator : SJ/JU
Sample : I4373-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080217\
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Quant Title : SVOA CALIBRATION

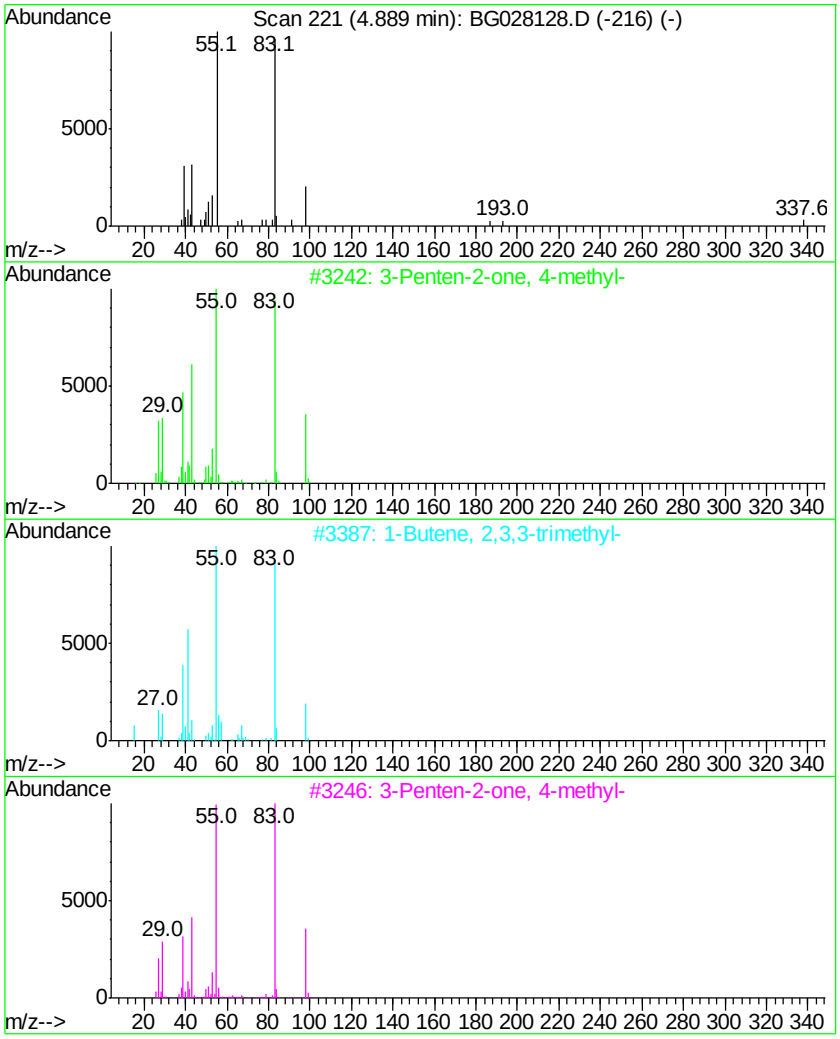
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

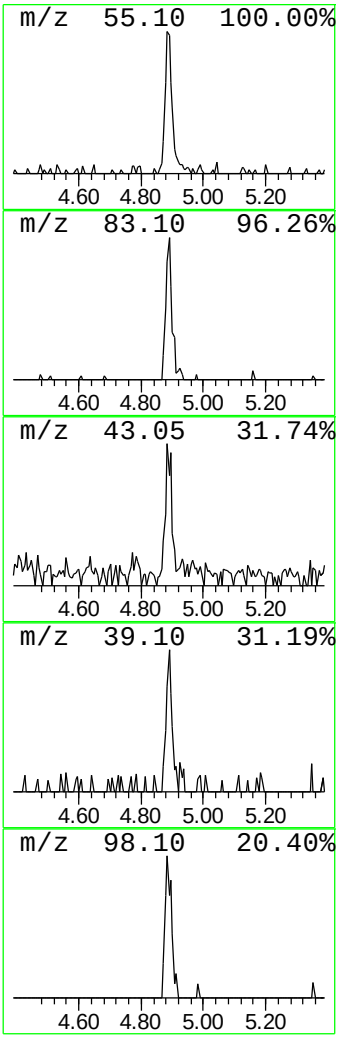
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	2.94 ng/ul	36319	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	83
2	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	80
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	78
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	72
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	72





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Instrument : BNA_G
ClientSampleId : C0AA3

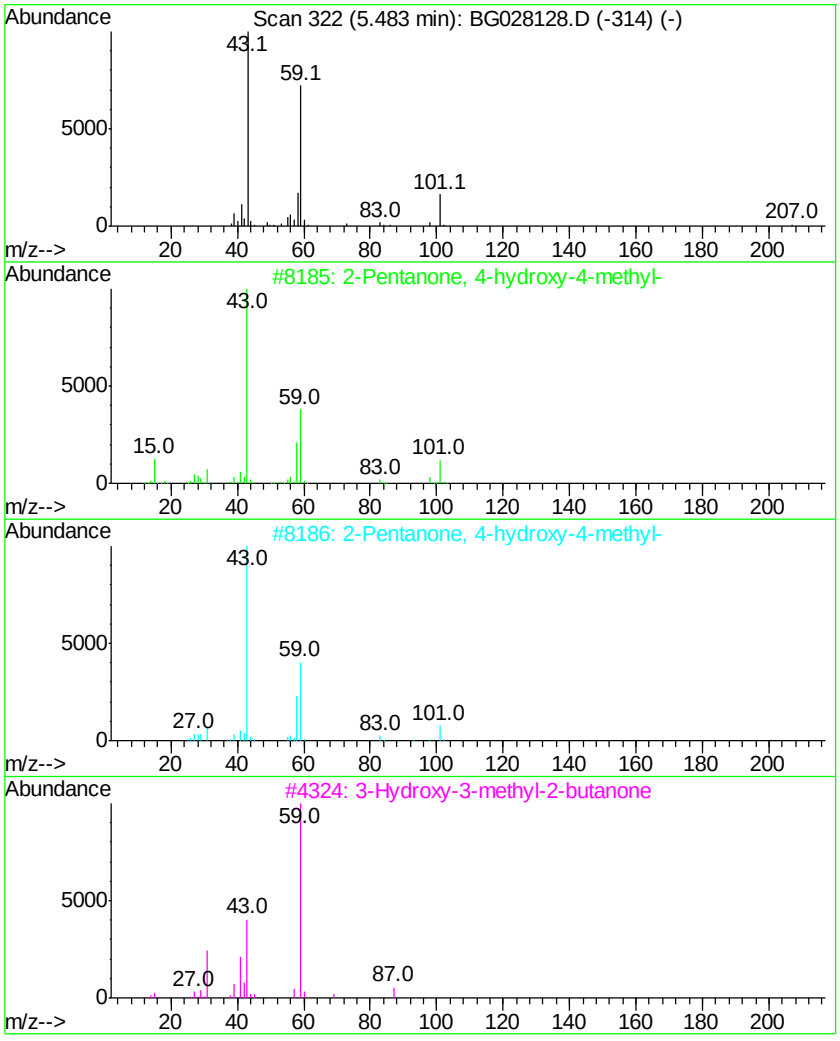
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

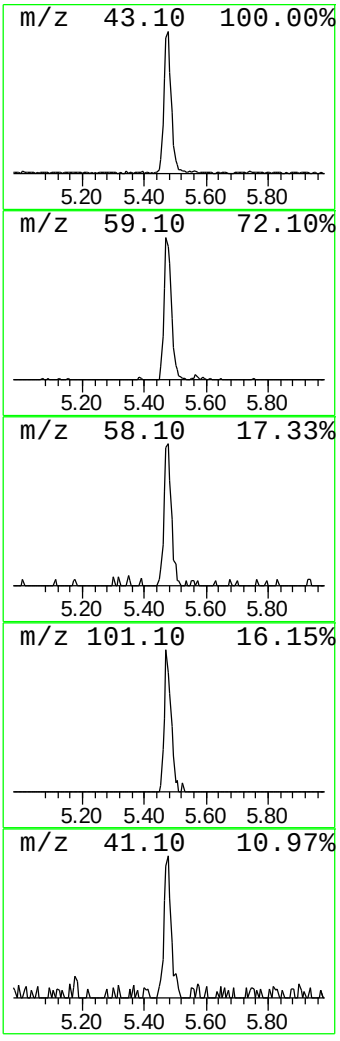
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	8.99 ng/ul	111144	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	35
4	3-Octanol	130	C8H18O	000589-98-0	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33





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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

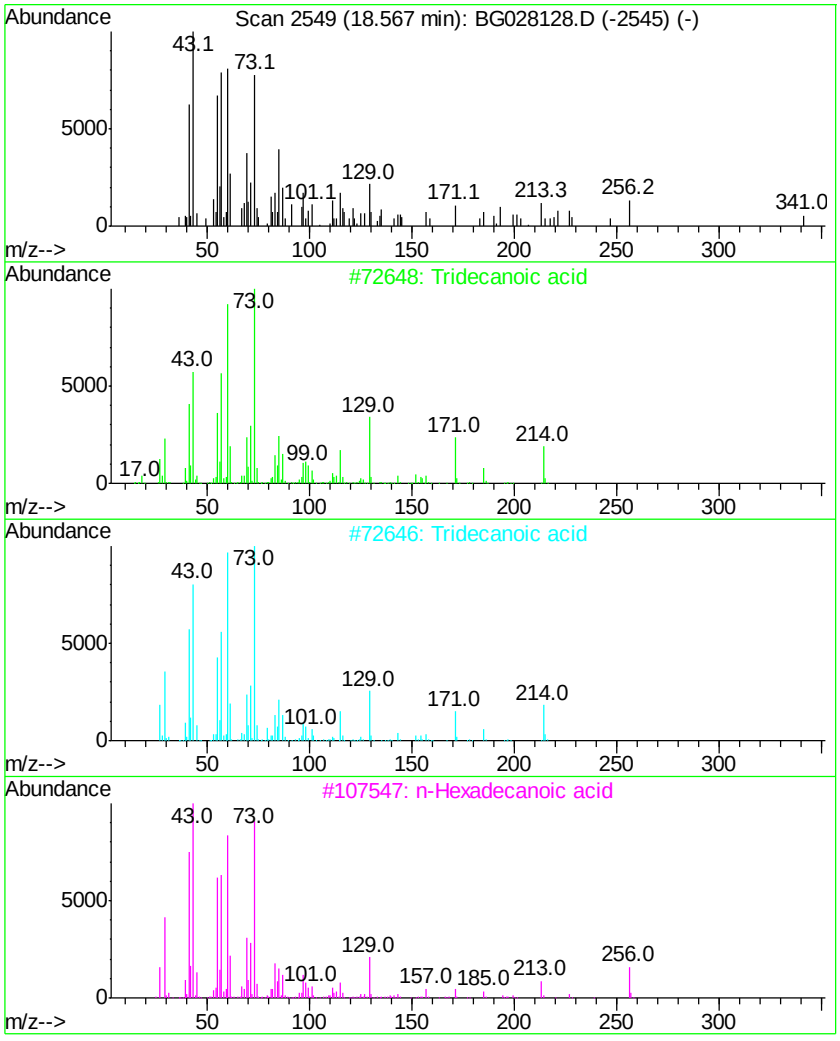
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

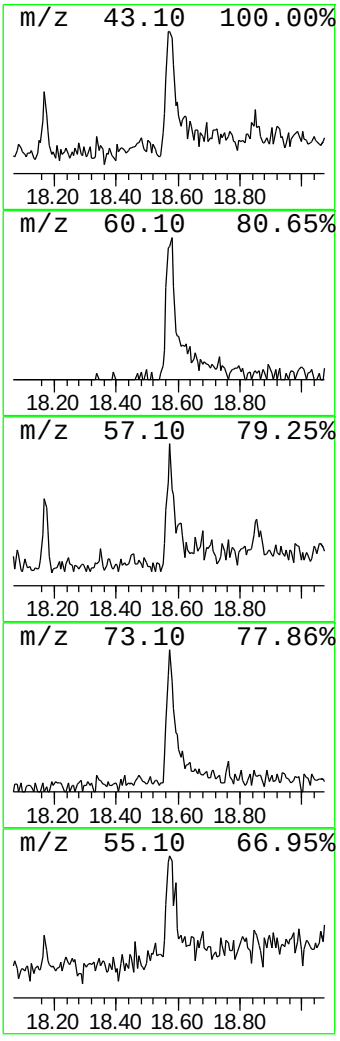
****

Peak Number 3 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	2.25 ng/ul	103258	Phenanthrene-d10	17.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	86
2	Tridecanoic acid	214	C13H26O2	000638-53-9	70
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	62





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.89	2.9	ng/ul	36319	1	8.36	247394	20.0
2-Pentanone, 4-hy...	5.48	9.0	ng/ul	111144	1	8.36	247394	20.0
Tridecanoic acid	18.57	2.3	ng/ul	103258	4	17.72	919216	20.0