LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101816\
Data File : BG024432.D
Acq On : 18 Oct 2016 23:12
Operator : UM/SJ
Sample : H5223-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNJ7

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\SOM02.2-EPA-BG0100716.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	3.322	80	82	88	rVB6	19766	26093	0.55%	0.042%
2	3.646	132	137	143	rVB4	29708	45930	0.97%	0.074%
3	4.075	206	210	214	rBV7	10453	17446	0.37%	0.028%
4	4.174	225	227	234	rVB4	26010	41799	0.88%	0.068%
5	4.404	264	266	273	rVB4	18204	26668	0.56%	0.043%
6	4.603	298	300	307	rBV7	10126	21801	0.46%	0.035%
7	5.156	388	394	397	rVB7	14377	30261	0.64%	0.049%
8	5.191	397	400	402	rBV3	13436	14617	0.31%	0.024%
9	5.344	422	426	438	rBV	79583	142005	3.00%	0.230%
10	5.449	443	444	452	rVV7	9177	16366	0.35%	0.027%
11	5.579	465	466	472	rBV4	9754	16625	0.35%	0.027%
12	5.890	516	519	524	rBV6	9882	16658	0.35%	0.027%
13	6.325	589	593	602	rVV10	8492	23771	0.50%	0.039%
14	6.454	610	615	625	rBV8	13124	32590	0.69%	0.053%
15	7.200	737	742	752	rVV9	23895	45845	0.97%	0.074%
16	7.288	752	757	763	rVV8	8961	14412	0.30%	0.023%
17	7.412	769	778	792	rVB2	681862	1297375	27.44%	2.102%
18	7.518	792	796	800	rVB4	10181	15583	0.33%	0.025%
19	7.594	800	809	821	rBV	452791	809837	17.13%	1.312%
20	7.805	836	845	854	rVV	651981	1123564	23.77%	1.820%
21	8.199	907	912	914	rBV6	11723	14507	0.31%	0.024%
22	8.281	919	926	938	rVB	717190	1268485	26.83%	2.055%
23	8.511	963	965	972	rBV6	6898	16300	0.34%	0.026%
24	8.969	1035	1043	1053	rBV	727505	1296764	27.43%	2.101%
25	9.110	1062	1067	1074	rVB6	14329	39133	0.83%	0.063%
26	9.456	1115	1126	1132	rBV	703042	1287877	27.24%	2.086%
27	9.515	1132	1136	1141	rVB6	51457	84492	1.79%	0.137%
28	9.803	1181	1185	1191	rVB6	21131	32199	0.68%	0.052%
29	9.938	1203	1208	1211	rBV6	8646	16211	0.34%	0.026%
30	10.179	1240	1249	1262	rVV2	586318	1106340	23.40%	1.792%
31	10.461	1289	1297	1298	rBV7	7777	16540	0.35%	0.027%
32	10.714	1328	1340	1353	rBV	905318	1651563	34.93%	2.676%
33	11.113	1398	1408	1419	rBV	1099424	2059826	43.57%	3.337%
34	11.237	1419	1429	1445	rVV	622380	1212584	25.65%	1.964%

LSC Area Percent Report

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Acq On : 18 Oct 2016 23:12
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Sample : H5223-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNJ7

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\SOM02.2-EPA-BG0100716.M
Title : SVOA CALIBRATION

35	11.507	1470	1475	1477	rBV2	12829	16652	0.35%	0.027%
36	11.642	1497	1498	1506	rVB7	7678	15545	0.33%	0.025%
37	12.194	1586	1592	1596	rBV5	10654	20200	0.43%	0.033%
38	12.676	1665	1674	1680	rVB6	20951	45846	0.97%	0.074%
39	13.687	1841	1846	1852	rBV7	10322	19204	0.41%	0.031%
40	13.763	1852	1859	1864	rBV2	50503	84587	1.79%	0.137%
41	14.033	1900	1905	1910	rBV9	10513	23408	0.50%	0.038%
42	14.221	1932	1937	1938	rBV4	11555	16738	0.35%	0.027%
43	14.286	1938	1948	1953	rVV	1645686	2575500	54.48%	4.172%
44	14.333	1953	1956	1967	rVB	981425	1427480	30.19%	2.313%
45	14.592	1992	2000	2008	rBV	1677358	2858870	60.47%	4.632%
46	14.750	2023	2027	2033	rVB5	31306	50700	1.07%	0.082%
47	14.897	2042	2052	2061	rBV2	1953169	3206414	67.82%	5.195%
48	15.062	2070	2080	2091	rBV	827799	1449259	30.65%	2.348%
49	15.226	2104	2108	2110	rBV4	18417	16984	0.36%	0.028%
50	15.303	2118	2121	2127	rVB7	9312	14729	0.31%	0.024%
51	15.361	2127	2131	2136	rVB6	20727	22657	0.48%	0.037%
52	15.655	2178	2181	2184	rBV4	22644	29441	0.62%	0.048%
53	15.696	2185	2188	2193	rVB3	67781	85167	1.80%	0.138%
54	15.802	2202	2206	2210	rBV2	47111	51731	1.09%	0.084%
55	15.884	2210	2220	2230	rVB	2395639	3745464	79.22%	6.068%
56	15.984	2230	2237	2249	rVB	868780	1334817	28.23%	2.162%
57	16.119	2249	2260	2270	rVB	37524	126059	2.67%	0.204%
58	16.249	2278	2282	2287	rVB7	15635	18582	0.39%	0.030%
59	16.319	2291	2294	2301	rVB8	13654	22339	0.47%	0.036%
60	16.513	2322	2327	2330	rBV6	10905	21875	0.46%	0.035%
61	16.554	2330	2334	2344	rVV2	90674	183574	3.88%	0.297%
62	16.830	2376	2381	2387	rBV9	20089	46991	0.99%	0.076%
63	16.907	2388	2394	2396	rVV7	12981	21051	0.45%	0.034%
64	16.983	2404	2407	2412	rBV7	18867	36416	0.77%	0.059%
65	17.048	2414	2418	2425	rVB3	52426	90378	1.91%	0.146%
66	17.153	2426	2436	2444	rBV10	43673	105209	2.23%	0.170%
67	17.347	2465	2469	2475	rBV4	68312	120213	2.54%	0.195%
68	17.400	2475	2478	2480	rBV4	15674	17002	0.36%	0.028%
69	17.482	2487	2492	2500	rBV4	34283	72523	1.53%	0.117%
70	17.559	2500	2505	2510	rVB9	12721	21663	0.46%	0.035%
71	17.641	2511	2519	2528	rBV	2312540	3779064	79.94%	6.122%

LSC Area Percent Report

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Sample : H5223-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNJ7

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\SOM02.2-EPA-BG0100716.M
Title : SVOA CALIBRATION

72	17.735	2528	2535	2546	rVB2	2434429	3897232	82.43%	6.314%
73	17.888	2557	2561	2566	rVB6	13378	18782	0.40%	0.030%
74	17.976	2570	2576	2588	rBV6	124273	276767	5.85%	0.448%
75	18.088	2592	2595	2597	rBV3	29980	39007	0.83%	0.063%
76	18.117	2597	2600	2604	rVB4	45068	52427	1.11%	0.085%
77	18.217	2614	2617	2622	rVB7	22240	33458	0.71%	0.054%
78	18.270	2622	2626	2632	rVB9	22145	46316	0.98%	0.075%
79	18.334	2633	2637	2638	rBV4	18701	18012	0.38%	0.029%
80	18.364	2640	2642	2648	rVB7	24590	33530	0.71%	0.054%
81	18.428	2648	2653	2657	rBV8	28761	44997	0.95%	0.073%
82	18.481	2657	2662	2673	rBV2	622843	852286	18.03%	1.381%
83	18.763	2706	2710	2718	rBV9	34091	63863	1.35%	0.103%
84	18.845	2720	2724	2729	rBV8	19899	39581	0.84%	0.064%
85	19.045	2755	2758	2768	rVB6	47919	73506	1.55%	0.119%
86	19.333	2805	2807	2811	rBV5	24660	34639	0.73%	0.056%
87	19.621	2849	2856	2870	rVB8	148389	457831	9.68%	0.742%
88	19.739	2872	2876	2885	rBV2	289232	397122	8.40%	0.643%
89	19.891	2897	2902	2908	rBV5	37644	74992	1.59%	0.121%
90	20.009	2914	2922	2931	rVB	3038576	4727670	100.00%	7.659%
91	20.120	2938	2941	2945	rVB6	61002	75370	1.59%	0.122%
92	20.185	2949	2952	2959	rVB	180885	228220	4.83%	0.370%
93	20.673	3032	3035	3041	rBV7	51889	73602	1.56%	0.119%
94	21.072	3099	3103	3109	rBV	213756	341572	7.22%	0.553%
95	21.519	3174	3179	3193	rBV4	194826	486632	10.29%	0.788%
96	21.936	3242	3250	3261	rVB	2479148	4364278	92.31%	7.070%
97	22.735	3382	3386	3390	rVB3	73905	111845	2.37%	0.181%
98	24.327	3652	3657	3667	rBV7	76907	209818	4.44%	0.340%
99	25.138	3785	3795	3808	rVB2	1530690	4532504	95.87%	7.343%
100	25.373	3823	3835	3848	rBV	1395154	4444146	94.00%	7.200%

Sum of corrected areas: 61726404

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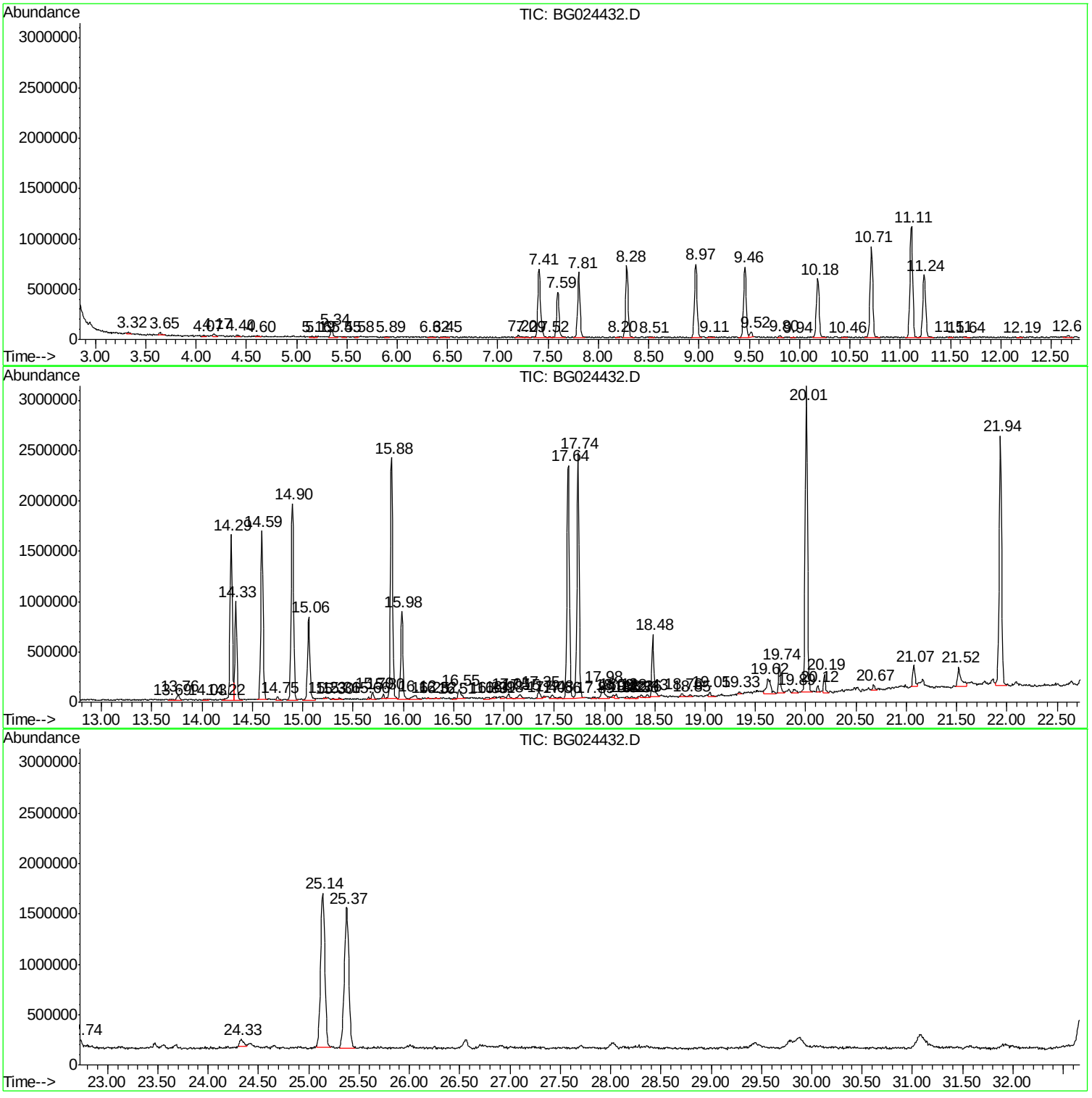
Sample : H5223-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNJ7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

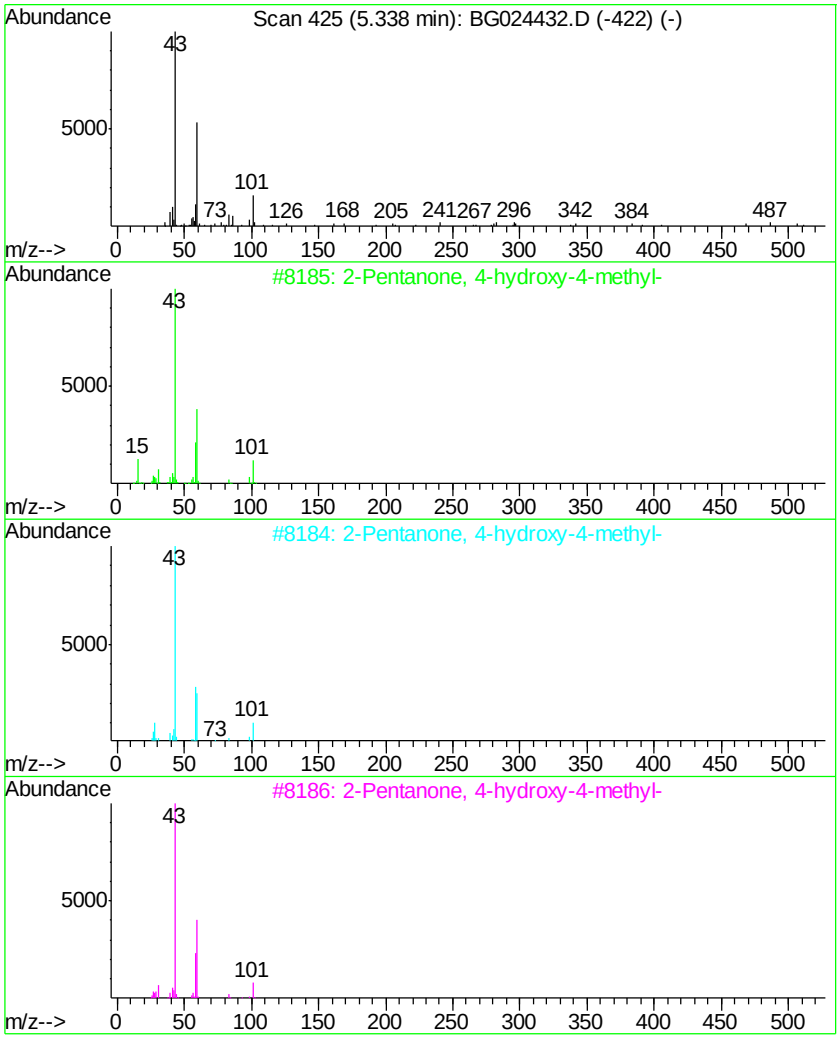
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

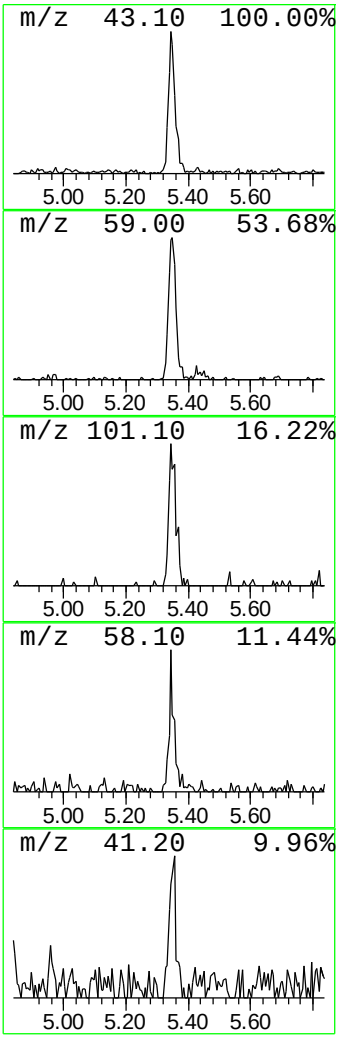
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.34	2.24 ng/ul	142005	1,4-Dichlorobenzene-d4	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	35
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	32
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
5	Acetone	58	C3H6O	000067-64-1	10





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Instrument : BNA_G
ClientSampleId : BDNJ7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

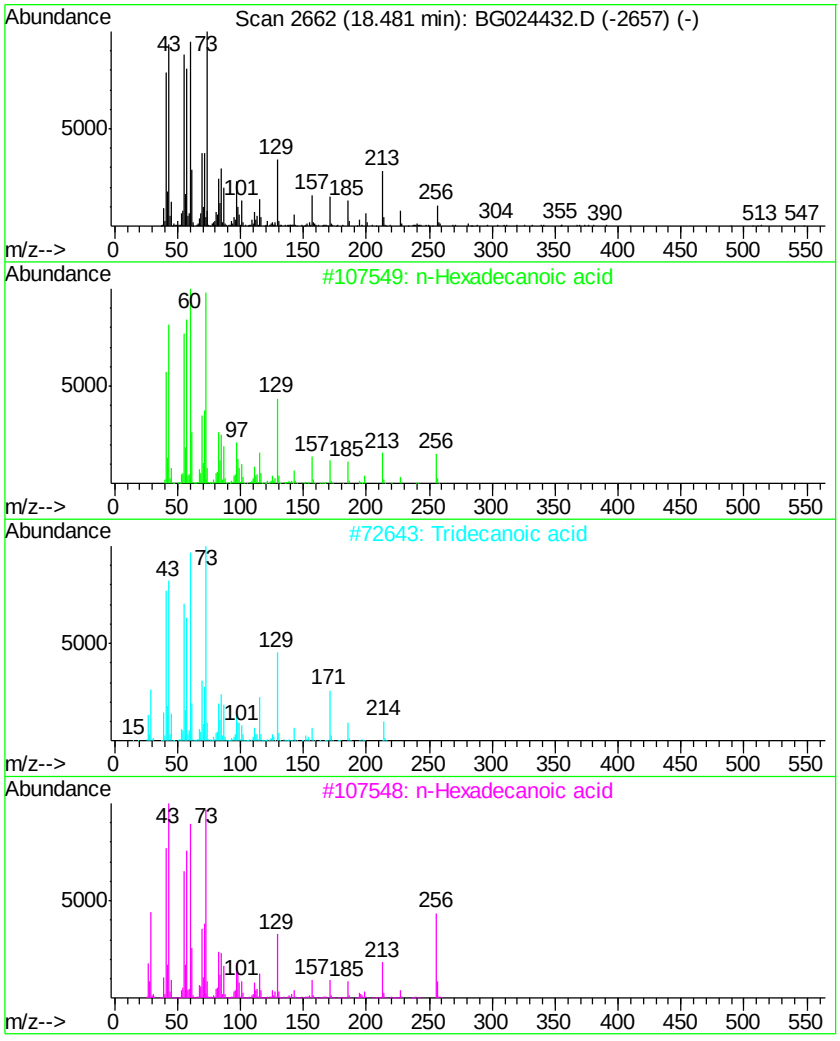
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

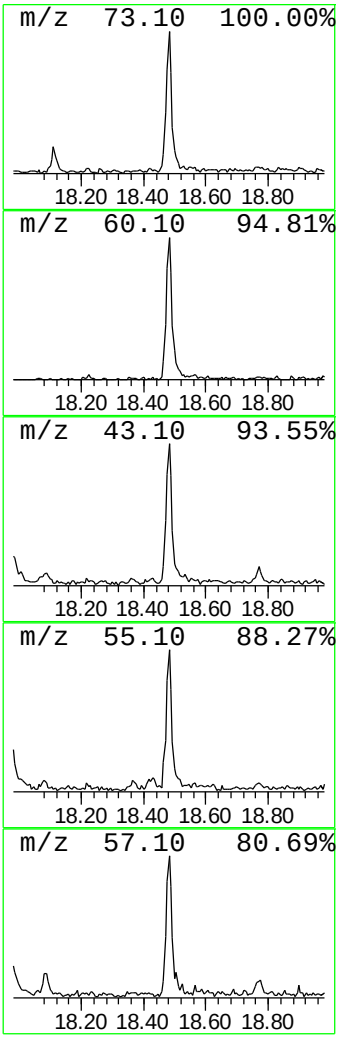
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	4.51 ng/ul	852286	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	81





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Quant Title : SVOA CALIBRATION

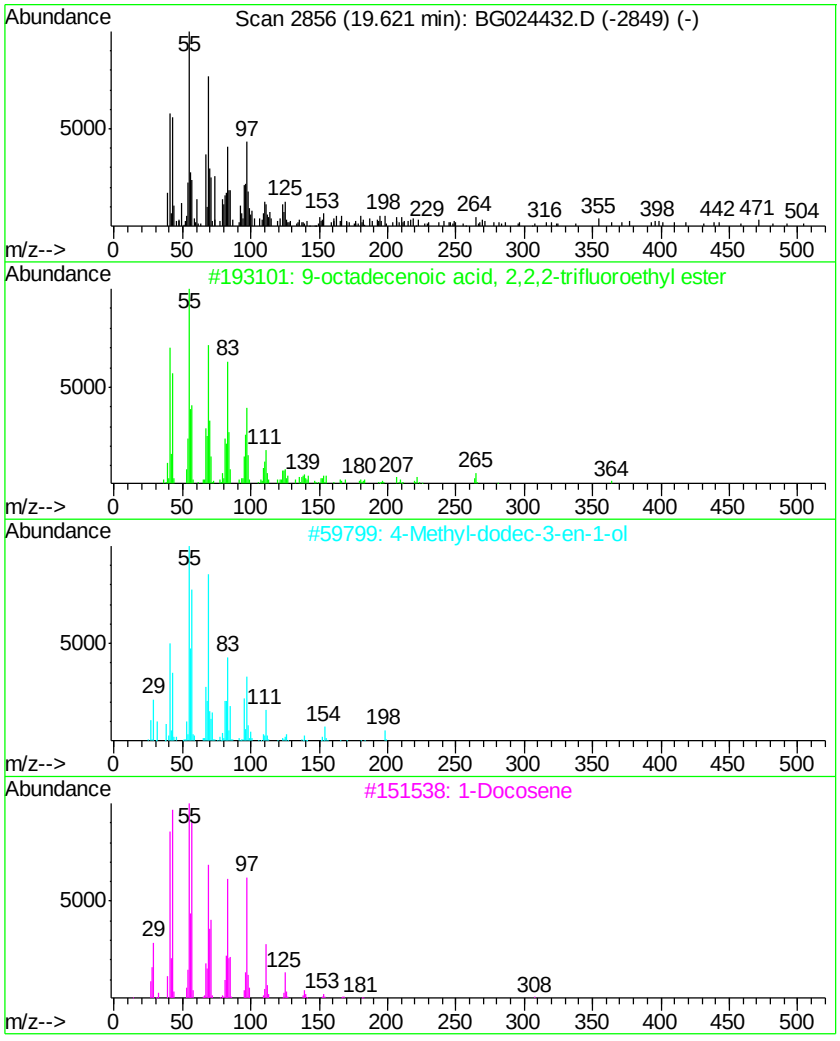
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

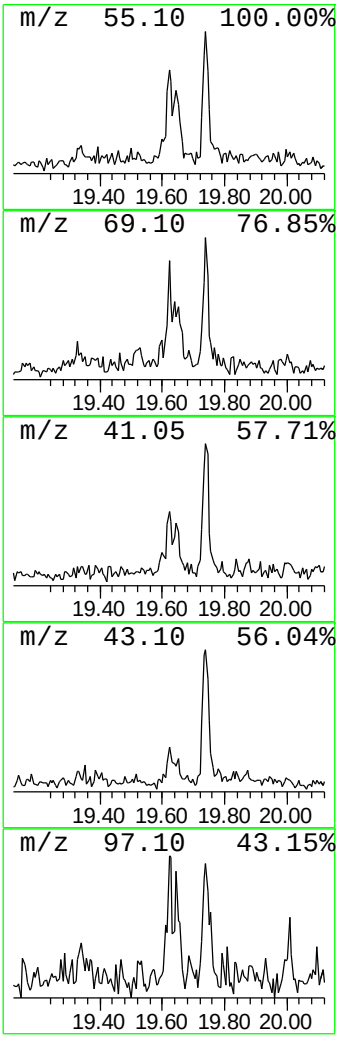
****

Peak Number 3 9-octadecenoic acid, 2,2,2-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	2.42 ng/ul	457831	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-octadecenoic acid, 2,2,2-trifl...	364	C20H35F3O2	1000376-54-3	72
2	4-Methyl-dodec-3-en-1-ol	198	C13H26O	1000192-41-0	58
3	1-Docosene	308	C22H44	001599-67-3	49
4	6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	43
5	(E)-13-Docosenoic acid	338	C22H42O2	000506-33-2	38





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Instrument : BNA_G
ClientSampleId : BDNJ7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

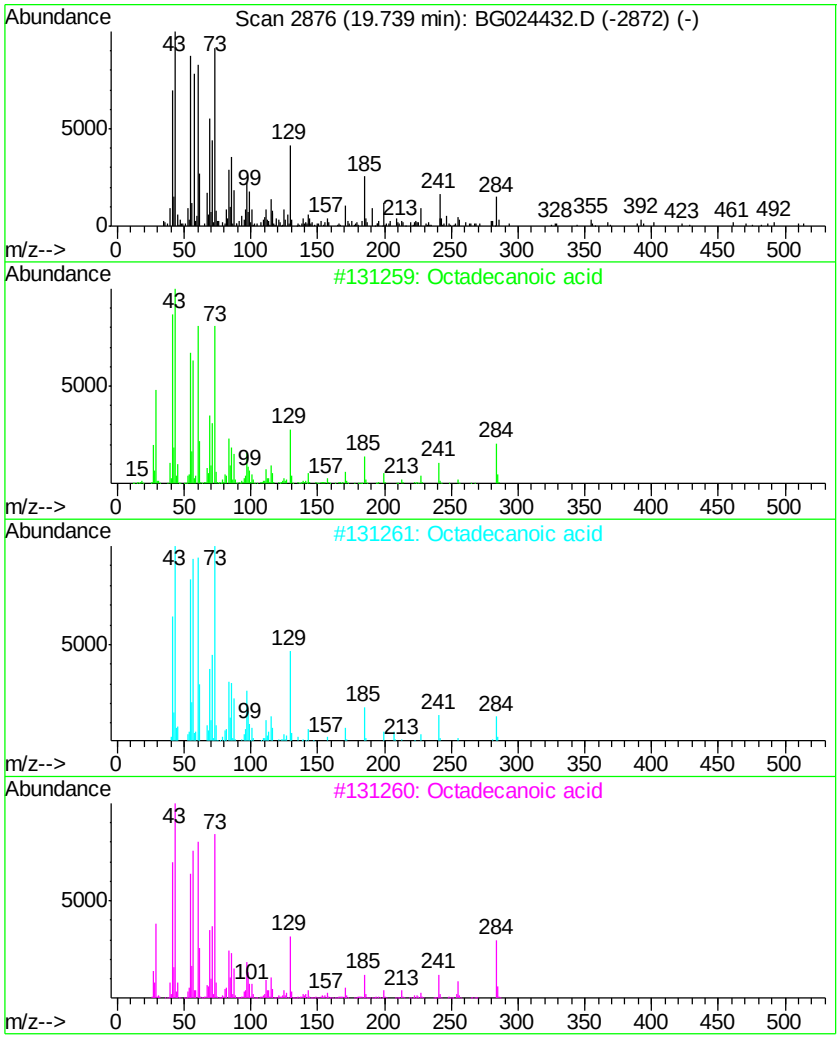
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

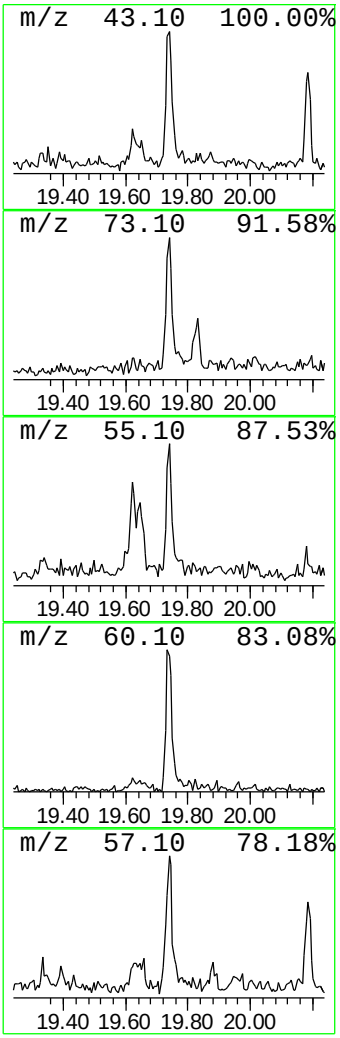
****

Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.10 ng/ul	397122	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	80





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Operator : UM/SJ
Sample : H5223-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNJ7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

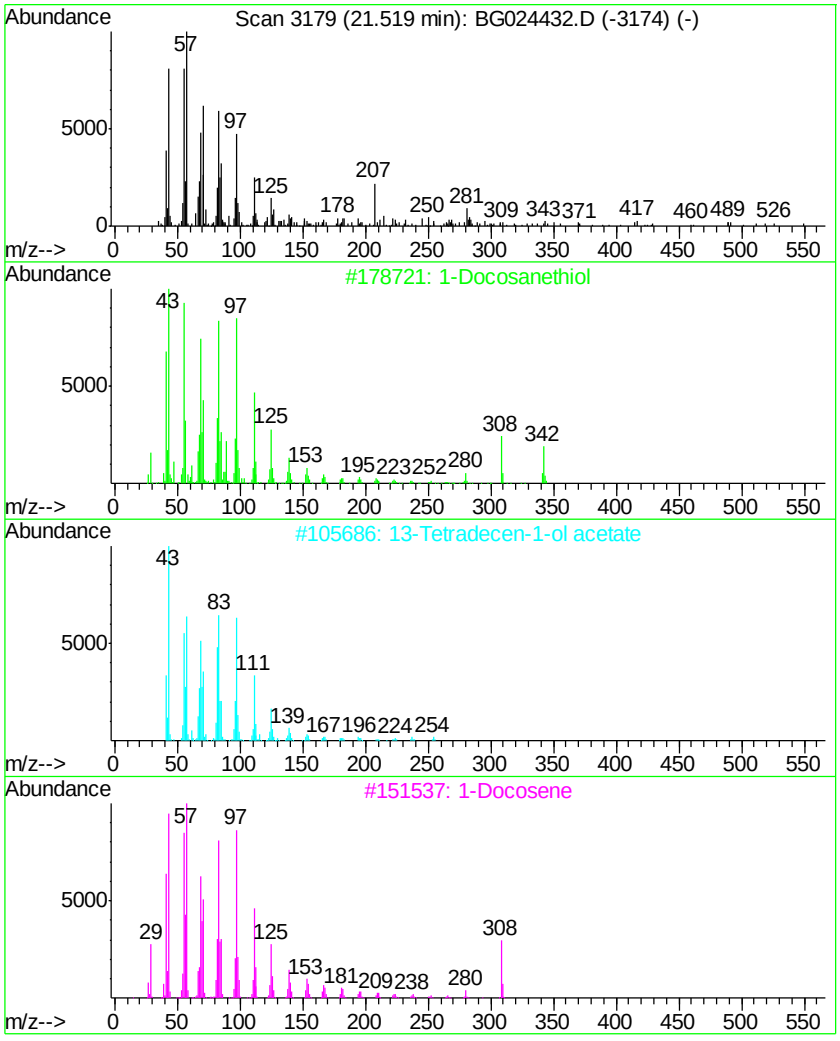
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

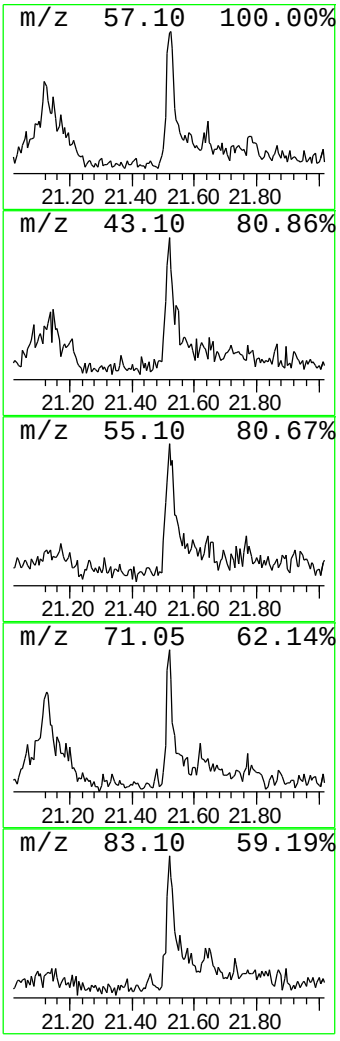
****

Peak Number 5 1-Docosanethiol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	2.23 ng/ul	486632	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosanethiol	342	C22H46S	007773-83-3	90
2	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	90
3	1-Docosene	308	C22H44	001599-67-3	83
4	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	64
5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101816\
Data File : BG024432.D
Acq On : 18 Oct 2016 23:12
Operator : UM/SJ
Sample : H5223-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNJ7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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
2-Pentanone, 4-hy...	5.34	2.2	ng/ul	142005	1	8.28	1268490	20.0
n-Hexadecanoic acid	18.48	4.5	ng/ul	852286	4	17.64	3779060	20.0
9-octadecenoic ac...	19.62	2.4	ng/ul	457831	4	17.64	3779060	20.0
Octadecanoic acid	19.74	2.1	ng/ul	397122	4	17.64	3779060	20.0
1-Docosanethiol	21.52	2.2	ng/ul	486632	5	21.94	4364280	20.0