LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
Data File : BG024266.D
Acq On : 11 Oct 2016 14:25
Operator : UM/SJ
Sample : H5113-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP79

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	4.260	239	242	245	rBV4	9650	11764	0.22%	0.025%
2	4.418	265	269	273	rBV6	15909	22910	0.44%	0.048%
3	4.788	328	332	339	rVB10	25415	45847	0.88%	0.096%
4	5.018	367	371	373	rVB5	10349	13403	0.26%	0.028%
5	5.258	408	412	413	rBV3	10226	11183	0.21%	0.023%
6	5.358	427	429	438	rVB9	14638	22906	0.44%	0.048%
7	5.576	459	466	468	rVB6	10622	17536	0.34%	0.037%
8	5.881	516	518	524	rVB6	10671	18862	0.36%	0.039%
9	6.099	552	555	559	rBV5	9205	15253	0.29%	0.032%
10	6.792	666	673	676	rBV9	11699	16208	0.31%	0.034%
11	6.874	686	687	691	rVB3	12805	13111	0.25%	0.027%
12	6.921	691	695	698	rBV6	11558	23067	0.44%	0.048%
13	7.227	741	747	754	rVB9	12045	27046	0.52%	0.056%
14	7.356	765	769	772	rVV6	8859	11927	0.23%	0.025%
15	7.421	772	780	789	rVB	163931	311222	5.95%	0.649%
16	7.609	804	812	823	rBV	439907	777083	14.86%	1.620%
17	7.814	838	847	857	rVB2	505597	901815	17.24%	1.880%
18	7.973	871	874	880	rVB7	11072	19174	0.37%	0.040%
19	8.290	919	928	939	rVV	533603	1004410	19.21%	2.093%
20	8.490	961	962	969	rBV7	5961	12106	0.23%	0.025%
21	8.584	977	978	986	rVB7	9285	20919	0.40%	0.044%
22	8.696	994	997	1000	rVB5	9362	12132	0.23%	0.025%
23	8.825	1016	1019	1024	rBV6	8652	14156	0.27%	0.030%
24	8.978	1035	1045	1056	rBV	408987	738519	14.12%	1.539%
25	9.354	1106	1109	1111	rVV3	11859	12744	0.24%	0.027%
26	9.395	1111	1116	1119	rVV5	24217	34478	0.66%	0.072%
27	9.465	1119	1128	1143	rVB	625249	1177970	22.52%	2.455%
28	9.606	1148	1152	1155	rBV5	10253	13405	0.26%	0.028%
29	9.794	1179	1184	1188	rVB8	10390	19669	0.38%	0.041%
30	9.841	1188	1192	1194	rBV4	8882	12948	0.25%	0.027%
31	9.871	1194	1197	1202	rVB5	8942	12456	0.24%	0.026%
32	10.188	1240	1251	1260	rBV	528937	984883	18.83%	2.053%
33	10.370	1276	1282	1289	rBV	8895	21182	0.41%	0.044%
34	10.417	1289	1290	1296	rVB5	10807	11202	0.21%	0.023%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
Data File : BG024266.D
Acq On : 11 Oct 2016 14:25
Operator : UM/SJ
Sample : H5113-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP79

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	10.511	1299	1306	1311	rVB7	13818	37296	0.71%	0.078%
36	10.723	1332	1342	1357	rVB	771760	1403274	26.83%	2.925%
37	10.881	1364	1369	1371	rBV6	9030	12629	0.24%	0.026%
38	11.016	1385	1392	1397	rBV5	22715	45923	0.88%	0.096%
39	11.122	1401	1410	1420	rVB	727009	1385565	26.49%	2.888%
40	11.251	1425	1432	1443	rVB6	34857	72999	1.40%	0.152%
41	11.586	1484	1489	1493	rVB7	7581	13050	0.25%	0.027%
42	11.663	1496	1502	1505	rVB8	9598	17724	0.34%	0.037%
43	11.704	1505	1509	1514	rBV8	8944	15445	0.30%	0.032%
44	11.763	1516	1519	1522	rBV4	9658	15935	0.30%	0.033%
45	11.845	1528	1533	1538	rVB7	13353	27990	0.54%	0.058%
46	11.898	1538	1542	1544	rBV3	16673	14267	0.27%	0.030%
47	12.356	1614	1620	1627	rBV10	26453	43544	0.83%	0.091%
48	12.679	1671	1675	1682	rBV3	25298	43312	0.83%	0.090%
49	12.979	1722	1726	1729	rVB4	7749	11649	0.22%	0.024%
50	13.167	1757	1758	1763	rVB4	12888	14158	0.27%	0.030%
51	13.349	1786	1789	1791	rBV3	13826	13062	0.25%	0.027%
52	13.402	1795	1798	1803	rVB6	11759	14282	0.27%	0.030%
53	13.772	1858	1861	1866	rVV7	16577	21525	0.41%	0.045%
54	13.819	1866	1869	1876	rVB4	32212	50992	0.98%	0.106%
55	14.301	1943	1951	1959	rBV	1626520	2381967	45.55%	4.965%
56	14.606	1994	2003	2016	rVB	1551673	2499250	47.79%	5.209%
57	14.777	2027	2032	2035	rBV7	8623	13012	0.25%	0.027%
58	14.906	2042	2054	2061	rBV	1257138	2080487	39.78%	4.336%
59	14.965	2061	2064	2074	rVB9	14900	32701	0.63%	0.068%
60	15.065	2074	2081	2090	rBV	205032	349605	6.68%	0.729%
61	15.229	2103	2109	2110	rBV6	8707	15546	0.30%	0.032%
62	15.499	2151	2155	2158	rBV6	8167	11451	0.22%	0.024%
63	15.564	2158	2166	2173	rVB4	33960	63275	1.21%	0.132%
64	15.699	2188	2189	2195	rVB6	13991	20671	0.40%	0.043%
65	15.758	2195	2199	2202	rBV6	8581	15302	0.29%	0.032%
66	15.893	2212	2222	2231	rBV2	2271828	3546571	67.81%	7.392%
67	15.993	2233	2239	2250	rVB2	889514	1375435	26.30%	2.867%
68	16.128	2257	2262	2270	rVB8	31128	59899	1.15%	0.125%
69	16.251	2278	2283	2288	rVB8	13938	21747	0.42%	0.045%
70	16.340	2296	2298	2302	rVB4	11225	14484	0.28%	0.030%
71	16.486	2321	2323	2327	rVB5	12521	12571	0.24%	0.026%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
Data File : BG024266.D
Acq On : 11 Oct 2016 14:25
Operator : UM/SJ
Sample : H5113-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP79

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

72	16.675	2349	2355	2358	rVV7	7755	11974	0.23%	0.025%
73	16.769	2363	2371	2373	rBV7	10382	23209	0.44%	0.048%
74	16.839	2378	2383	2387	rVV6	20123	44283	0.85%	0.092%
75	16.951	2398	2402	2404	rBV5	7508	11818	0.23%	0.025%
76	17.139	2428	2434	2438	rVB9	9718	14941	0.29%	0.031%
77	17.215	2441	2447	2453	rVB8	16629	32308	0.62%	0.067%
78	17.368	2469	2473	2478	rVB8	8532	15524	0.30%	0.032%
79	17.432	2482	2484	2488	rVB4	14384	16741	0.32%	0.035%
80	17.585	2505	2510	2513	rBV6	9656	16082	0.31%	0.034%
81	17.650	2513	2521	2530	rVV2	1580391	2620031	50.10%	5.461%
82	17.744	2530	2537	2550	rVB2	2580741	4162162	79.59%	8.675%
83	17.891	2560	2562	2564	rBV3	13692	12656	0.24%	0.026%
84	18.032	2584	2586	2588	rBV2	16064	13340	0.26%	0.028%
85	18.290	2625	2630	2636	rBV2	463144	616164	11.78%	1.284%
86	18.367	2641	2643	2646	rBV4	10754	12230	0.23%	0.025%
87	18.490	2655	2664	2672	rBV4	171137	277964	5.31%	0.579%
88	18.584	2677	2680	2684	rVB6	21592	19691	0.38%	0.041%
89	18.772	2706	2712	2716	rBV9	20173	48030	0.92%	0.100%
90	18.913	2734	2736	2740	rBV5	15350	21600	0.41%	0.045%
91	19.007	2748	2752	2755	rBV6	14308	24505	0.47%	0.051%
92	19.101	2765	2768	2773	rBV6	21050	29654	0.57%	0.062%
93	19.648	2858	2861	2867	rVB3	48557	71613	1.37%	0.149%
94	19.753	2873	2879	2891	rBV3	280497	408548	7.81%	0.852%
95	19.906	2901	2905	2912	rBV3	43513	77563	1.48%	0.162%
96	20.018	2916	2924	2935	rBV	3348659	5229818	100.00%	10.900%
97	21.945	3245	3252	3260	rVB	1860226	3289316	62.90%	6.856%
98	23.490	3509	3515	3523	rBV3	292567	617446	11.81%	1.287%
99	25.159	3788	3799	3812	rVB2	1609985	4818871	92.14%	10.044%
100	25.400	3829	3840	3855	rVB	1055874	3248807	62.12%	6.771%

Sum of corrected areas: 47978980

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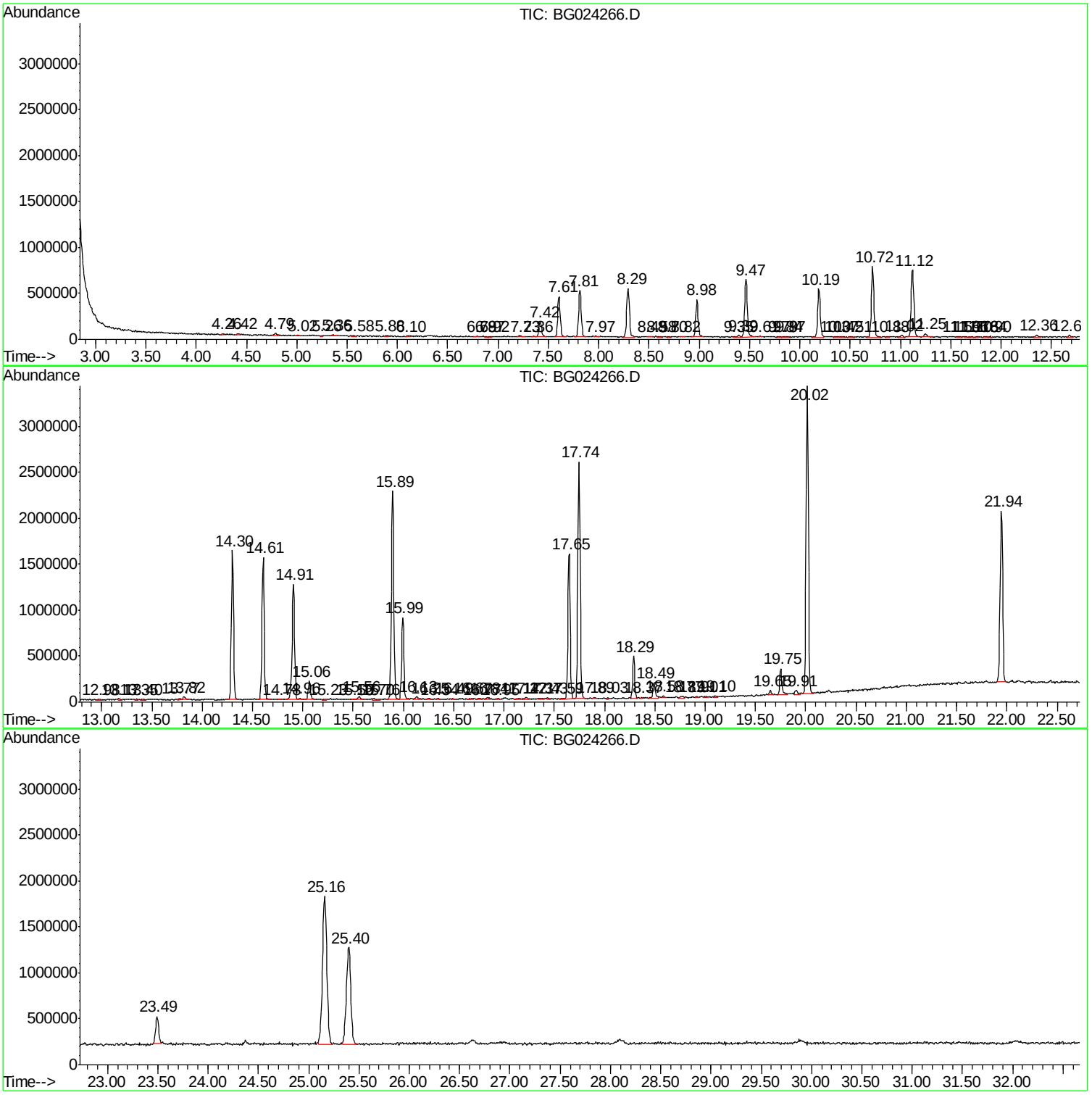
Acq On : 11 Oct 2016 14:25
Operator : UM/SJ
Sample : H5113-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDP79

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
Data File : BG024266.D
Acq On : 11 Oct 2016 14:25
Operator : UM/SJ
Sample : H5113-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP79

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

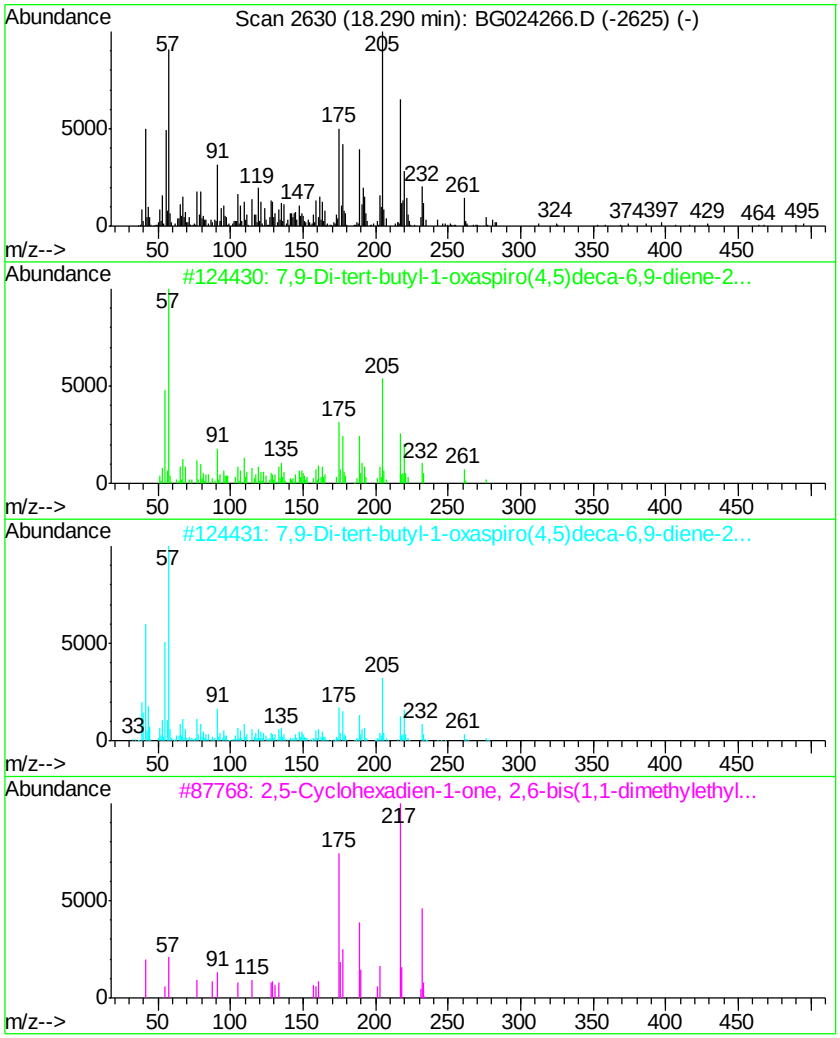
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

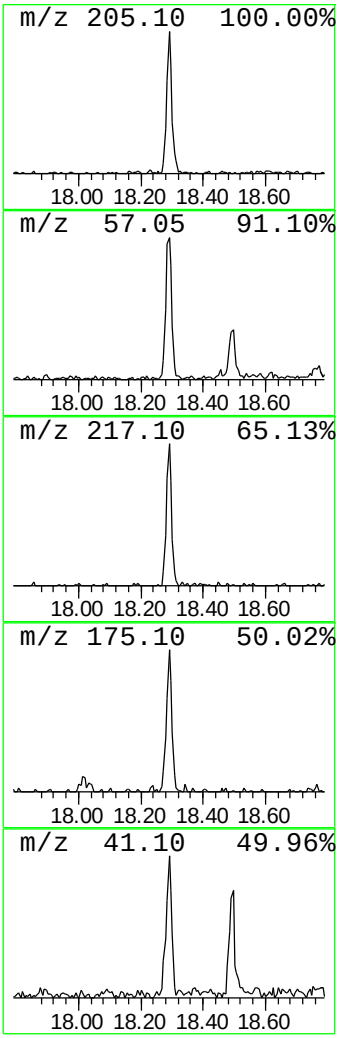
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	4.70 ng/ul	616164	Phenanthrene-d10	17.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	93
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	42
4	2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	30
5	2,6-Bis(1,1-dimethylethyl)-4-met...	262	C18H30O	004278-82-4	30





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
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Acq On : 11 Oct 2016 14:25
Operator : UM/SJ
Sample : H5113-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP79

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

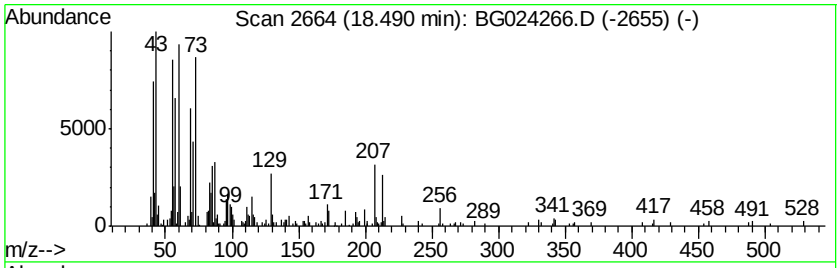
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

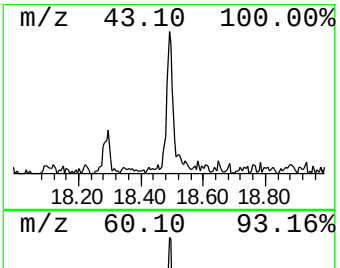
****

Peak Number 2 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	2.12 ng/ul	277964	Phenanthrene-d10	17.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	Docosanoic acid	340	C22H44O2	000112-85-6	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
Data File : BG024266.D
Acq On : 11 Oct 2016 14:25
Operator : UM/SJ
Sample : H5113-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP79

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

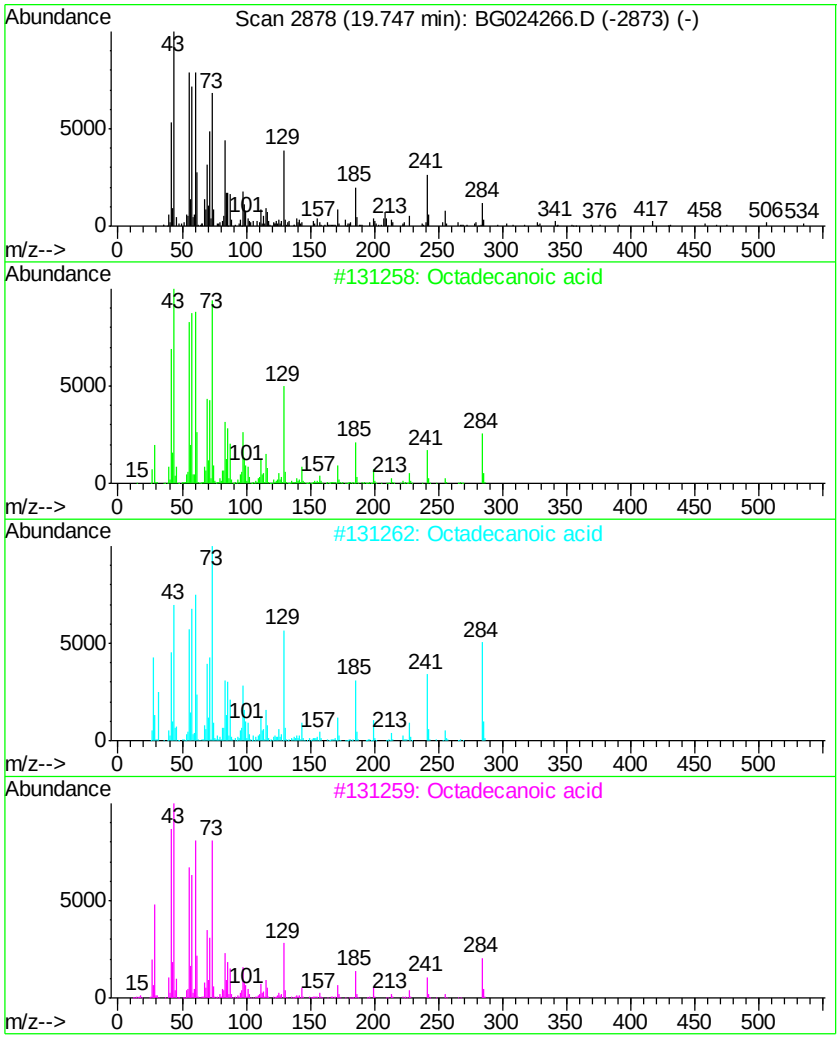
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

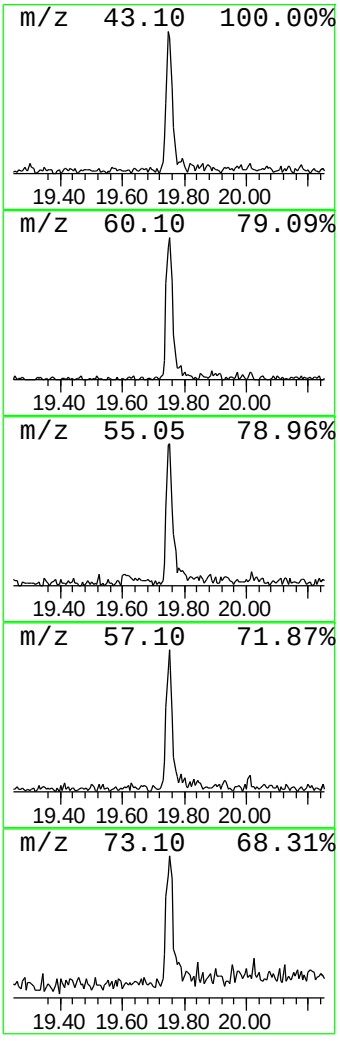
****

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	3.12 ng/ul	408548	Phenanthrene-d10	17.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
Data File : BG024266.D
Acq On : 11 Oct 2016 14:25
Operator : UM/SJ
Sample : H5113-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP79

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

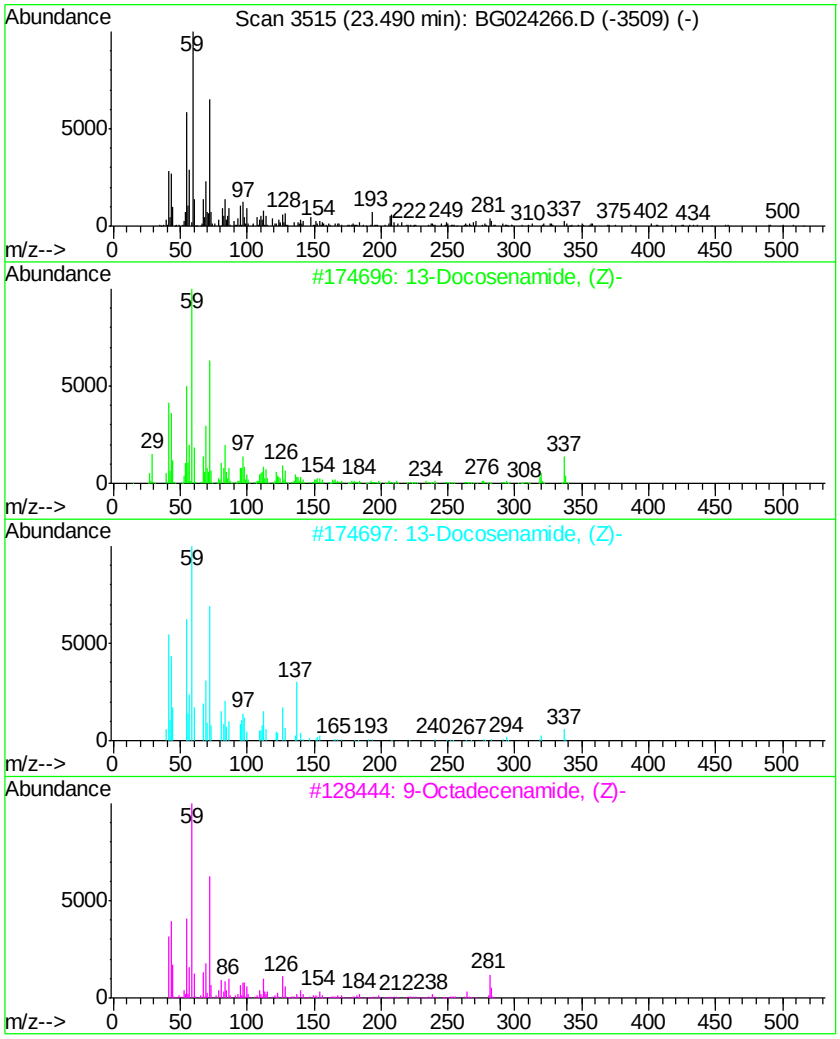
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

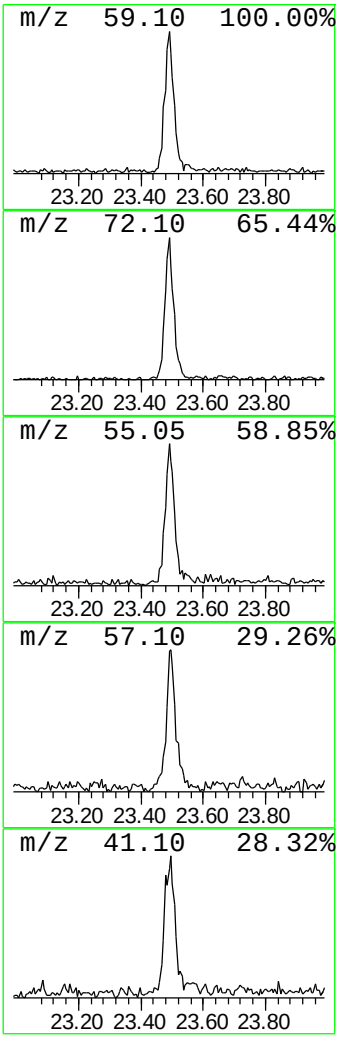
****

Peak Number 4 13-Docosenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.49	3.75 ng/ul	617446	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	94
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	89
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	89
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101116\
Data File : BG024266.D
Acq On : 11 Oct 2016 14:25
Operator : UM/SJ
Sample : H5113-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP79

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
7,9-Di-tert-butyl...	18.29	4.7	ng/ul	616164	4	17.65	2620030	20.0
Tridecanoic acid	18.49	2.1	ng/ul	277964	4	17.65	2620030	20.0
Octadecanoic acid	19.75	3.1	ng/ul	408548	4	17.65	2620030	20.0
13-Docosenamide, ...	23.49	3.8	ng/ul	617446	5	21.94	3289320	20.0