LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022784.D
Acq On : 2 Jul 2016 8:28
Operator : UM/SJ
Sample : H3752-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDHL8

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-BG063016.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	3.111	44	46	50	rBV4	7802	10016	0.21%	0.018%
2	3.169	54	56	57	rBV	8299	6416	0.13%	0.012%
3	3.275	70	74	81	rVB3	19924	28620	0.59%	0.053%
4	3.540	117	119	126	rVB4	14761	18885	0.39%	0.035%
5	3.828	165	168	169	rBV2	12580	7895	0.16%	0.015%
6	4.039	201	204	206	rVB3	6526	6275	0.13%	0.012%
7	4.104	213	215	218	rVB3	6880	8010	0.17%	0.015%
8	4.162	218	225	228	rBV8	5906	13531	0.28%	0.025%
9	4.298	246	248	249	rBV2	8327	7482	0.16%	0.014%
10	4.544	287	290	292	rBV4	5646	7247	0.15%	0.013%
11	4.591	295	298	299	rBV3	8663	6531	0.14%	0.012%
12	5.108	384	386	388	rBV3	6719	6313	0.13%	0.012%
13	5.144	390	392	396	rVB4	6358	7041	0.15%	0.013%
14	5.232	405	407	410	rBV3	6826	8376	0.17%	0.015%
15	5.426	438	440	444	rVB5	18471	17971	0.37%	0.033%
16	6.236	576	578	580	rVB3	9423	6757	0.14%	0.012%
17	6.336	593	595	598	rBV3	6550	8932	0.19%	0.016%
18	6.677	649	653	655	rBV4	5188	6665	0.14%	0.012%
19	7.235	745	748	750	rBV3	5319	6816	0.14%	0.013%
20	7.306	752	760	769	rBV	591632	1036203	21.52%	1.913%
21	7.423	776	780	782	rBV5	5486	8310	0.17%	0.015%
22	7.476	782	789	798	rVB	418401	686201	14.25%	1.267%
23	7.629	812	815	818	rVB2	7128	7070	0.15%	0.013%
24	7.688	818	825	832	rBV	537060	923245	19.17%	1.704%
25	7.758	834	837	843	rVB7	9815	19799	0.41%	0.037%
26	7.929	863	866	870	rBV4	6185	7896	0.16%	0.015%
27	8.017	878	881	883	rBV4	8816	8711	0.18%	0.016%
28	8.158	895	905	915	rBV	506692	888253	18.44%	1.640%
29	8.381	941	943	945	rBV3	6411	6567	0.14%	0.012%
30	8.593	977	979	982	rVB4	6008	6817	0.14%	0.013%
31	8.863	1015	1025	1032	rBV2	685964	1199274	24.90%	2.214%
32	8.986	1043	1046	1050	rVB4	16869	19491	0.40%	0.036%
33	9.327	1097	1104	1112	rBV	544228	988888	20.53%	1.826%
34	9.409	1116	1118	1119	rBV2	7710	6257	0.13%	0.012%

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Misc :
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Instrument : BNA_G
ClientSampleId : BDHL8

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-BG063016.M
Title : SVOA CALIBRATION

35	9.480	1126	1130	1133	rVB5	7057	8475	0.18%	0.016%
36	9.503	1133	1134	1138	rVB4	6916	7954	0.17%	0.015%
37	9.544	1138	1141	1144	rBV4	6775	9395	0.20%	0.017%
38	9.574	1144	1146	1151	rVB3	6110	9270	0.19%	0.017%
39	9.615	1151	1153	1155	rBV2	5427	6348	0.13%	0.012%
40	9.709	1166	1169	1174	rBV5	10333	14455	0.30%	0.027%
41	10.056	1220	1228	1237	rVB2	520949	936780	19.45%	1.729%
42	10.279	1264	1266	1269	rVB4	9456	7997	0.17%	0.015%
43	10.414	1285	1289	1291	rBV4	5029	7851	0.16%	0.014%
44	10.596	1313	1320	1329	rBV	775093	1437269	29.84%	2.653%
45	10.984	1377	1386	1393	rBV	744684	1378147	28.62%	2.544%
46	11.113	1401	1408	1418	rBV	616463	1160322	24.09%	2.142%
47	11.759	1512	1518	1519	rBV5	8026	10551	0.22%	0.019%
48	11.795	1519	1524	1530	rVB8	13187	23230	0.48%	0.043%
49	12.130	1579	1581	1583	rBV3	5835	6959	0.14%	0.013%
50	12.206	1593	1594	1599	rBV5	6438	8801	0.18%	0.016%
51	12.453	1631	1636	1643	rBV7	10992	22965	0.48%	0.042%
52	12.564	1650	1655	1659	rVB5	20606	33321	0.69%	0.062%
53	12.688	1671	1676	1677	rBV3	6197	9047	0.19%	0.017%
54	13.070	1739	1741	1745	rVB5	8498	8725	0.18%	0.016%
55	13.152	1752	1755	1758	rBV3	11503	15298	0.32%	0.028%
56	13.316	1778	1783	1787	rBV7	7237	13821	0.29%	0.026%
57	13.399	1791	1797	1801	rVB5	19927	27407	0.57%	0.051%
58	13.669	1839	1843	1849	rBV5	22317	34377	0.71%	0.063%
59	13.904	1881	1883	1886	rVB4	7819	8334	0.17%	0.015%
60	13.992	1896	1898	1902	rBV5	8849	8186	0.17%	0.015%
61	14.098	1914	1916	1918	rBV2	10191	7313	0.15%	0.014%
62	14.115	1918	1919	1924	rVB5	9569	12591	0.26%	0.023%
63	14.192	1924	1932	1937	rBV	1631419	2528989	52.51%	4.669%
64	14.239	1937	1940	1947	rVB	618715	848339	17.62%	1.566%
65	14.303	1949	1951	1952	rBV2	7471	6641	0.14%	0.012%
66	14.439	1969	1974	1976	rBV6	7109	12075	0.25%	0.022%
67	14.491	1976	1983	1990	rBV	1654501	2661129	55.26%	4.913%
68	14.697	2010	2018	2023	rBV2	158594	276100	5.73%	0.510%
69	14.797	2023	2035	2044	rBV2	1468043	2621110	54.43%	4.839%
70	14.991	2062	2068	2081	rVB	658309	1151158	23.90%	2.125%
71	15.150	2091	2095	2096	rBV4	10218	12854	0.27%	0.024%

LSC Area Percent Report

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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDHL8

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

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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Title : SVOA CALIBRATION

72	15.167	2096	2098	2100	rVB3	12518	8953	0.19%	0.017%
73	15.291	2113	2119	2124	rBV8	18061	41280	0.86%	0.076%
74	15.520	2155	2158	2160	rBV4	7989	8079	0.17%	0.015%
75	15.573	2164	2167	2169	rBV4	21858	24503	0.51%	0.045%
76	15.620	2171	2175	2179	rVB2	58003	83541	1.73%	0.154%
77	15.790	2197	2204	2211	rBV	2437462	3798277	78.87%	7.012%
78	15.902	2216	2223	2233	rVB	675164	999003	20.74%	1.844%
79	16.031	2240	2245	2249	rVB6	56920	102015	2.12%	0.188%
80	16.284	2287	2288	2290	rBV2	9711	7624	0.16%	0.014%
81	16.454	2308	2317	2318	rBV	440751	834573	17.33%	1.541%
82	16.489	2319	2323	2334	rVB	1222829	1929986	40.08%	3.563%
83	16.930	2394	2398	2405	rVB10	22342	48337	1.00%	0.089%
84	16.989	2405	2408	2413	rBV7	14535	28374	0.59%	0.052%
85	17.077	2419	2423	2427	rBV3	39097	61568	1.28%	0.114%
86	17.276	2454	2457	2460	rBV2	61792	70048	1.45%	0.129%
87	17.329	2464	2466	2471	rVB4	48661	64133	1.33%	0.118%
88	17.553	2496	2504	2510	rBV	2116838	3214329	66.74%	5.934%
89	17.652	2514	2521	2530	rVB	2586244	3990647	82.86%	7.367%
90	18.416	2647	2651	2656	rBV2	234270	338218	7.02%	0.624%
91	19.680	2863	2866	2870	rBV6	64855	81281	1.69%	0.150%
92	19.932	2903	2909	2919	rBV	3200909	4815867	100.00%	8.891%
93	21.853	3229	3236	3242	rBV	2149412	3795378	78.81%	7.007%
94	22.329	3314	3317	3323	rVB2	143786	244267	5.07%	0.451%
95	24.991	3760	3770	3788	rVB2	1547859	4518262	93.82%	8.341%
96	25.220	3800	3809	3820	rVB2	1262282	3702989	76.89%	6.836%

Sum of corrected areas: 54167877

LSC Report - Integrated Chromatogram

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Data File : BG022784.D
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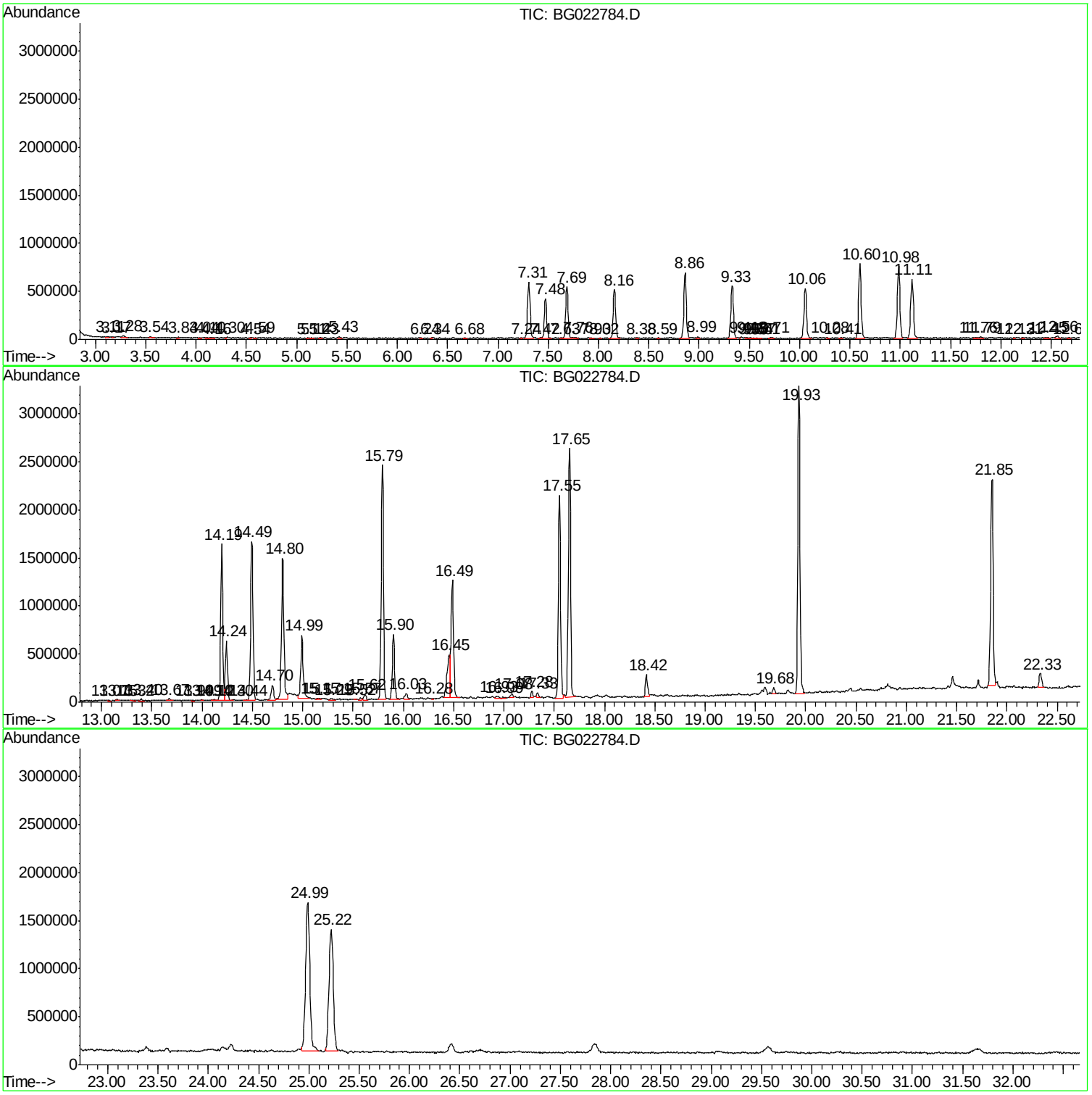
Operator : UM/SJ
Sample : H3752-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDHL8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.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\BG070116\
Data File : BG022784.D
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Quant Title : SVOA CALIBRATION

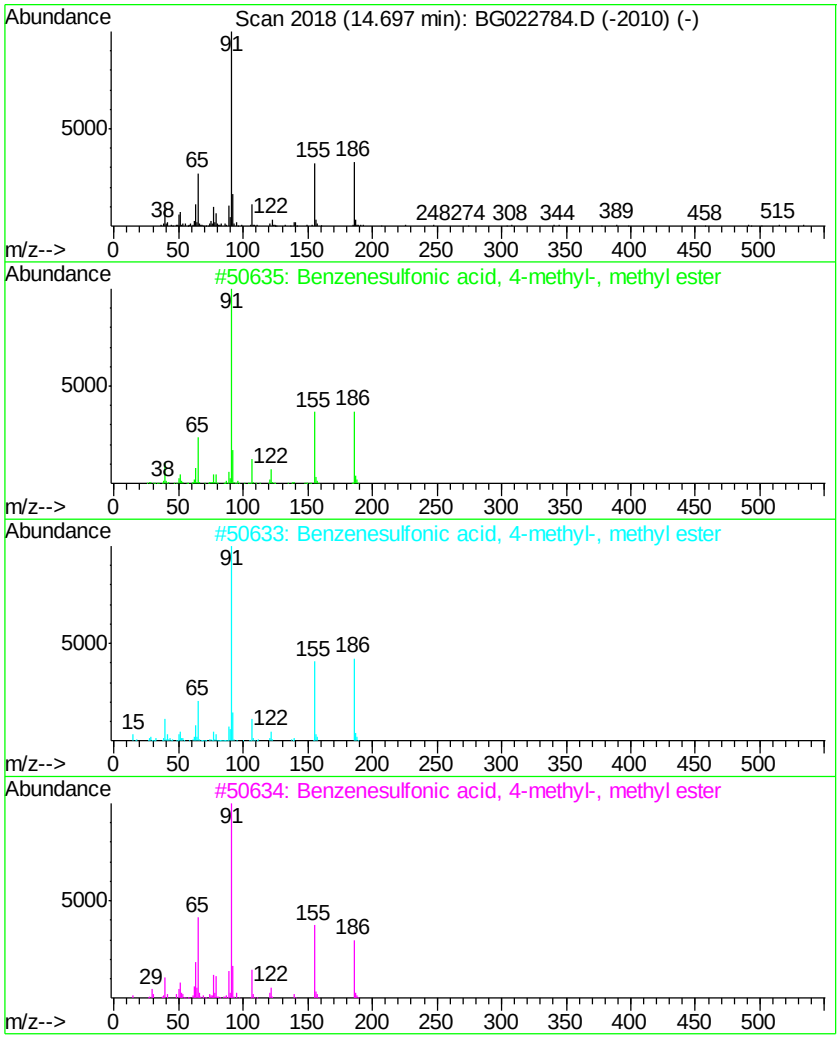
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

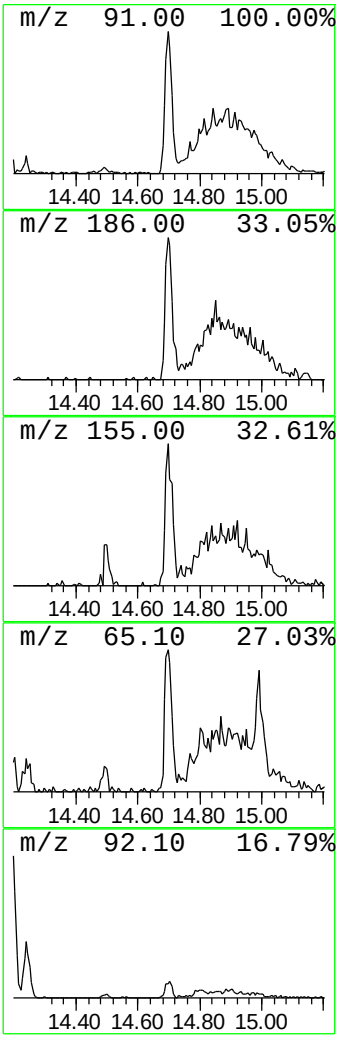
****

Peak Number 1 Benzenesulfonic acid, 4-met... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	2.11 ng/ul	276100	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonic acid, 4-methyl-,...	186	C8H10O3S	000080-48-8	93
2	Benzenesulfonic acid, 4-methyl-,...	186	C8H10O3S	000080-48-8	91
3	Benzenesulfonic acid, 4-methyl-,...	186	C8H10O3S	000080-48-8	86
4	Benzenesulfonamide, N,4-dimethyl...	214	C8H10N2O3S	000080-11-5	78
5	p-Toluenesulfonic acid n-propyl ...	214	C10H14O3S	000599-91-7	59





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : BDHL8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

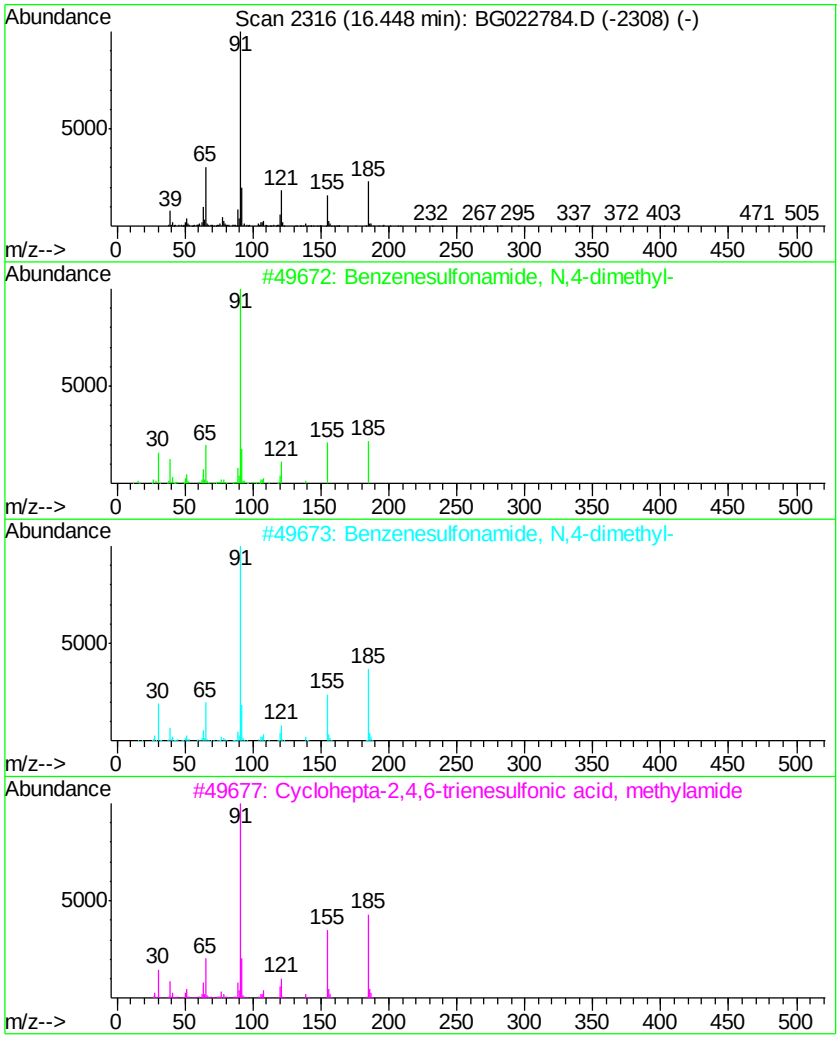
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

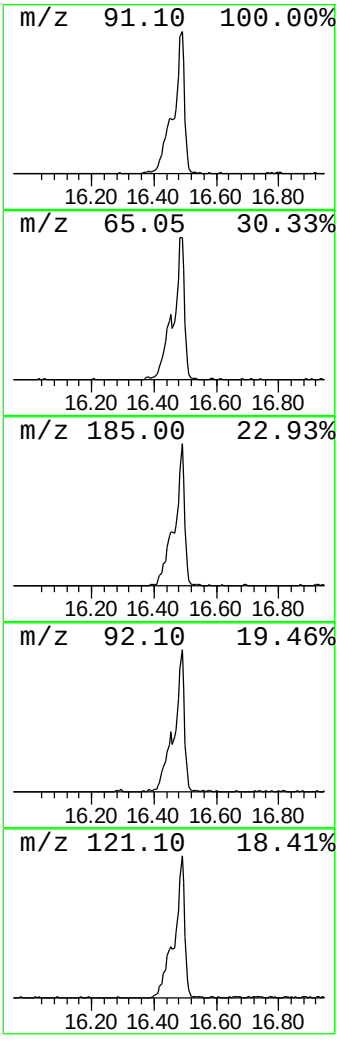
****

Peak Number 2 Benzenesulfonamide, N,4-dim... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	5.19 ng/ul	834573	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	81
2	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	68
3	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	52
4	(2S)-Glycidyl tosylate	228	C10H12O4S	070987-78-9	47
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	47





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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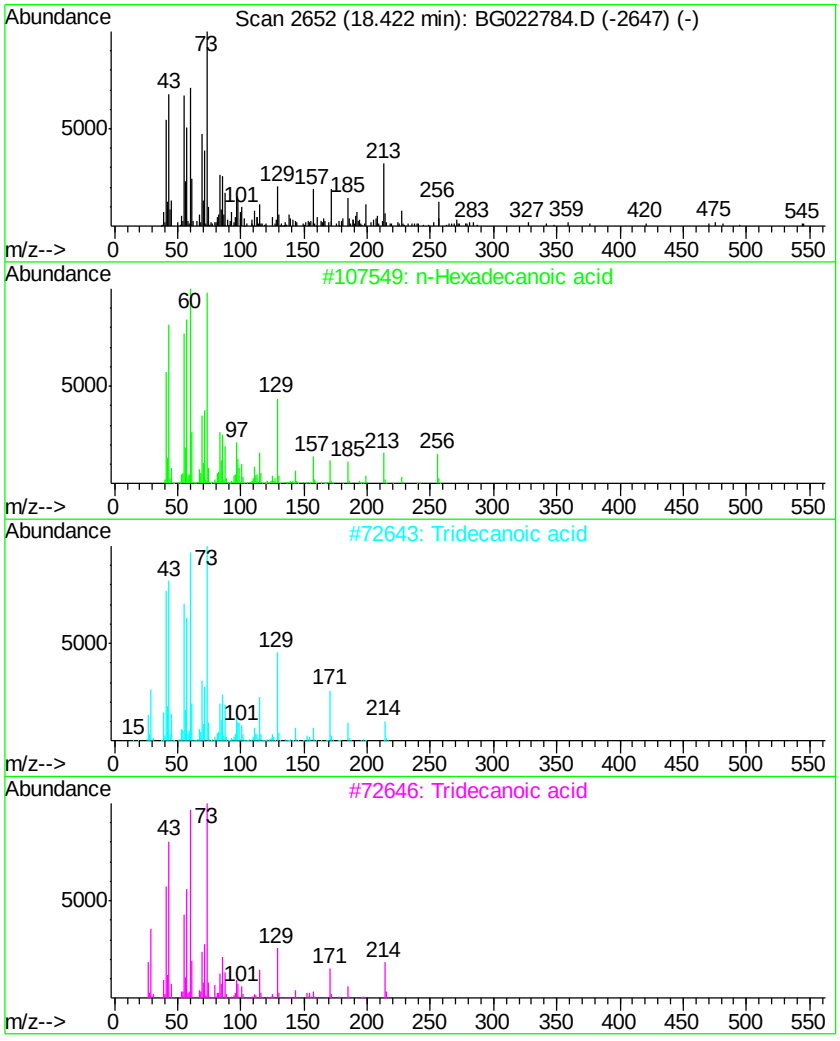
TIC Integration Parameters: LSCINT.P

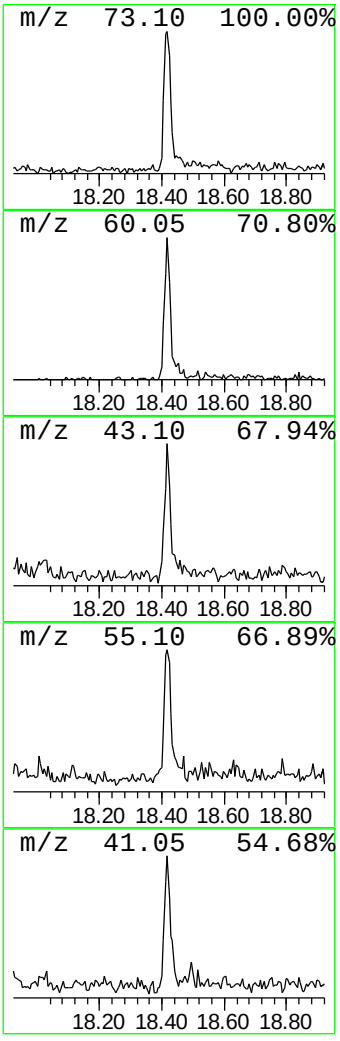
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.10 ng/ul	338218	Phenanthrene-d10	17.55

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	76
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72





Tentatively Identified Compound (LSC) summary

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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
Benzenesulfonic a...	14.70	2.1	ng/ul	276100	3	14.80	2621110	20.0
Benzenesulfonamid...	16.45	5.2	ng/ul	834573	4	17.55	3214330	20.0
n-Hexadecanoic acid	18.42	2.1	ng/ul	338218	4	17.55	3214330	20.0