LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022820\
Data File : BN010033.D
Acq On : 29 Feb 2020 20:12
Operator : CG/JU
Sample : L1615-10
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDN4

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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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	3.028	5	7	13	rVB5	8604	12340	1.07%	0.092%
2	3.710	119	123	126	rVB5	4364	6804	0.59%	0.051%
3	4.228	209	211	218	rVB4	3859	5386	0.47%	0.040%
4	4.581	267	271	279	rBV	22479	39634	3.43%	0.296%
5	5.134	363	365	369	rBV4	1607	2215	0.19%	0.017%
6	5.305	391	394	395	rBV2	1932	1753	0.15%	0.013%
7	5.410	411	412	416	rBV4	2049	2791	0.24%	0.021%
8	6.222	546	550	553	rBV4	1434	2023	0.18%	0.015%
9	6.587	607	612	626	rBV	144910	284423	24.61%	2.127%
10	6.740	633	638	651	rBV	107752	191186	16.54%	1.430%
11	6.857	656	658	662	rVB2	4290	4549	0.39%	0.034%
12	6.916	663	668	678	rVV	160301	279816	24.21%	2.093%
13	7.010	681	684	690	rVB6	4227	5925	0.51%	0.044%
14	7.169	708	711	712	rBV	1872	2055	0.18%	0.015%
15	7.375	739	746	755	rBV	291135	480935	41.61%	3.597%
16	7.469	758	762	764	rBV2	4461	4618	0.40%	0.035%
17	7.675	793	797	799	rBV5	1504	2013	0.17%	0.015%
18	8.098	863	869	883	rBV	165780	315134	27.27%	2.357%
19	8.210	884	888	892	rBV3	8621	11751	1.02%	0.088%
20	8.334	907	909	913	rVB3	1757	1820	0.16%	0.014%
21	8.528	936	942	955	rBV	140127	273967	23.70%	2.049%
22	8.957	1010	1015	1018	rBV3	4311	6107	0.53%	0.046%
23	9.234	1056	1062	1076	rBV	117703	223036	19.30%	1.668%
24	9.775	1147	1154	1173	rBV2	124786	308466	26.69%	2.307%
25	10.122	1206	1213	1222	rBV	398250	682132	59.02%	5.102%
26	10.292	1235	1242	1258	rBV	109297	291502	25.22%	2.180%
27	10.510	1275	1279	1281	rVB3	1659	2345	0.20%	0.018%
28	11.216	1397	1399	1405	rVB2	1428	1967	0.17%	0.015%
29	11.663	1470	1475	1478	rBV2	1421	2285	0.20%	0.017%
30	11.757	1487	1491	1494	rVB3	3109	3627	0.31%	0.027%
31	12.622	1634	1638	1640	rBV3	1724	2125	0.18%	0.016%
32	12.857	1675	1678	1680	rBV2	2739	2938	0.25%	0.022%
33	12.928	1683	1690	1697	rBV3	6365	10775	0.93%	0.081%
34	13.445	1772	1778	1784	rBV	306187	482452	41.74%	3.608%

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Acq On : 29 Feb 2020 20:12
Operator : CG/JU
Sample : L1615-10
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDN4

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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

35	13.492	1784	1786	1794	rVV	54723	85062	7.36%	0.636%
36	13.557	1795	1797	1800	rVB2	1990	1892	0.16%	0.014%
37	13.704	1816	1822	1836	rBV	354564	546116	47.25%	4.084%
38	13.886	1849	1853	1858	rBV4	1452	3005	0.26%	0.022%
39	14.016	1869	1875	1884	rBV	616077	864533	74.80%	6.466%
40	14.304	1919	1924	1944	rBV3	41812	150964	13.06%	1.129%
41	14.492	1952	1956	1962	rVB4	16278	24702	2.14%	0.185%
42	14.857	2016	2018	2021	rVB3	1921	1831	0.16%	0.014%
43	14.916	2024	2028	2031	rVV2	3380	4438	0.38%	0.033%
44	15.022	2040	2046	2055	rBV	448404	686295	59.38%	5.133%
45	15.098	2057	2059	2063	rVB3	2679	3080	0.27%	0.023%
46	15.139	2063	2066	2070	rVB3	1440	1885	0.16%	0.014%
47	15.198	2070	2076	2086	rBV4	60378	128935	11.16%	0.964%
48	15.727	2165	2166	2170	rVB2	1874	1825	0.16%	0.014%
49	15.780	2170	2175	2177	rBV3	2540	3696	0.32%	0.028%
50	15.816	2180	2181	2184	rVB	3240	2216	0.19%	0.017%
51	16.022	2212	2216	2221	rBV4	2354	3612	0.31%	0.027%
52	16.198	2244	2246	2250	rVB3	1363	1814	0.16%	0.014%
53	16.245	2250	2254	2256	rBV3	2493	3382	0.29%	0.025%
54	16.369	2273	2275	2278	rBV4	2269	2133	0.18%	0.016%
55	16.575	2306	2310	2314	rBV6	4005	5491	0.48%	0.041%
56	16.774	2338	2344	2355	rBV	719262	1002543	86.74%	7.498%
57	16.874	2355	2361	2372	rVB	495235	742708	64.26%	5.555%
58	17.004	2381	2383	2388	rVB4	2250	2641	0.23%	0.020%
59	17.104	2395	2400	2403	rBV3	2586	4557	0.39%	0.034%
60	17.192	2410	2415	2425	rVB	49831	73872	6.39%	0.552%
61	17.263	2425	2427	2429	rBV	1980	2088	0.18%	0.016%
62	17.298	2432	2433	2437	rVB3	3617	4012	0.35%	0.030%
63	17.486	2462	2465	2469	rBV2	3847	4283	0.37%	0.032%
64	17.592	2481	2483	2485	rVB	2712	2099	0.18%	0.016%
65	17.704	2497	2502	2508	rBV5	29645	45617	3.95%	0.341%
66	18.133	2571	2575	2580	rVB3	22753	27952	2.42%	0.209%
67	18.304	2602	2604	2608	rBV3	2750	3594	0.31%	0.027%
68	18.504	2636	2638	2641	rBV3	2810	3748	0.32%	0.028%
69	18.574	2648	2650	2653	rVB4	4805	4620	0.40%	0.035%
70	18.639	2658	2661	2665	rVV4	6309	8024	0.69%	0.060%
71	18.816	2689	2691	2692	rBV2	4986	3978	0.34%	0.030%

LSC Area Percent Report

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Sample : L1615-10
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDN4

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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

72	18.851	2693	2697	2705	rVV2	44590	76207	6.59%	0.570%
73	19.068	2732	2734	2736	rBV	6997	5422	0.47%	0.041%
74	19.186	2748	2754	2766	rBV	671593	981414	84.91%	7.340%
75	19.268	2766	2768	2772	rVB4	10587	11749	1.02%	0.088%
76	20.274	2937	2939	2943	rVB3	37436	34721	3.00%	0.260%
77	20.733	3013	3017	3024	rVB	225417	300462	26.00%	2.247%
78	20.998	3057	3062	3073	rBV2	830764	1155784	100.00%	8.644%
79	21.180	3090	3093	3097	rVB	77999	84615	7.32%	0.633%
80	21.598	3161	3164	3168	rBV2	93002	112900	9.77%	0.844%
81	22.027	3235	3237	3242	rVB2	117687	129809	11.23%	0.971%
82	22.498	3314	3317	3320	rVB	137706	166599	14.41%	1.246%
83	22.962	3391	3396	3401	rBV	484668	867886	75.09%	6.491%
84	23.098	3414	3419	3429	rVB	567566	1028958	89.03%	7.696%

Sum of corrected areas: 13370664

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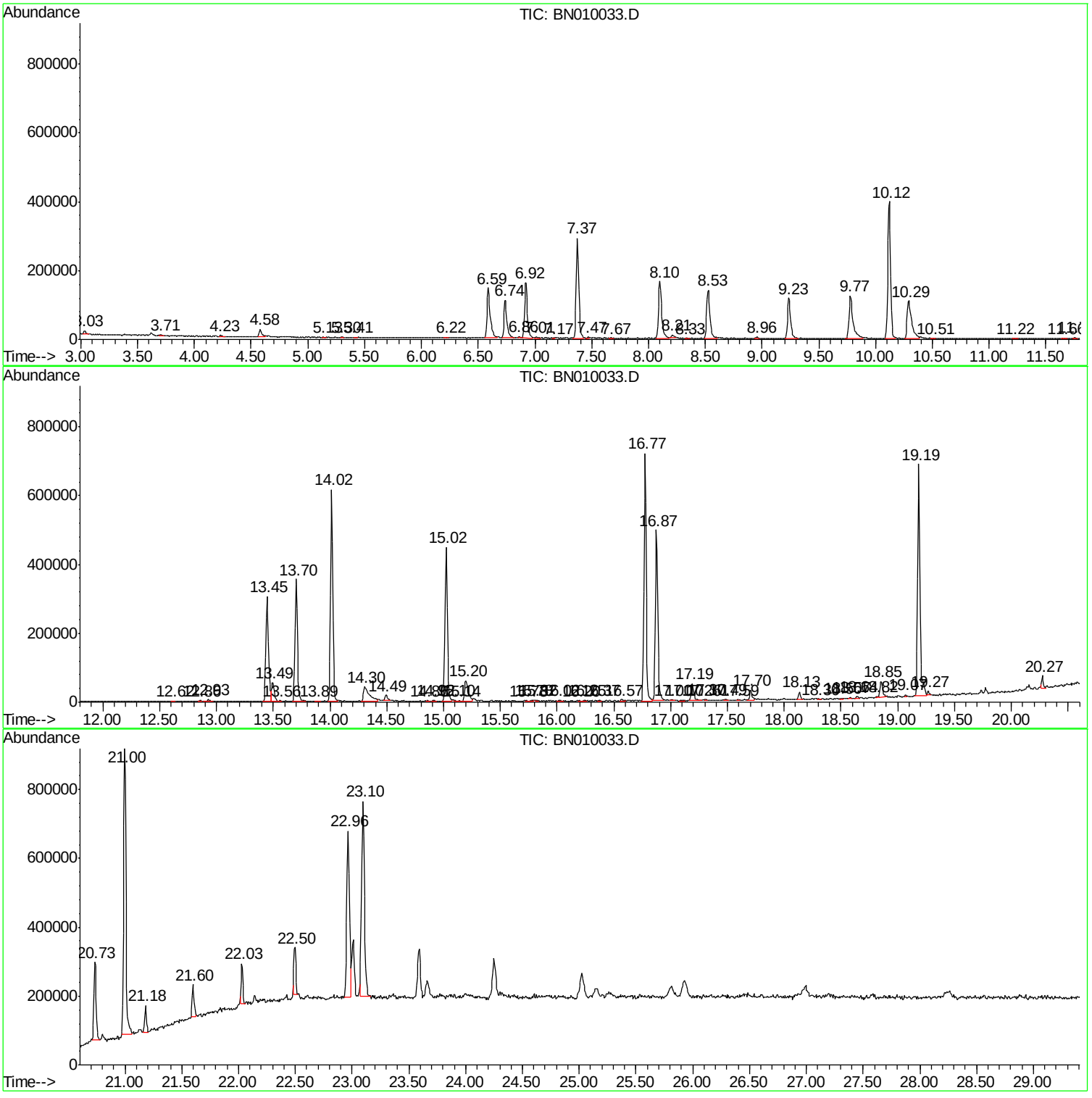
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBDN4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022820\
Data File : BN010033.D
Acq On : 29 Feb 2020 20:12
Operator : CG/JU
Sample : L1615-10
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDN4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

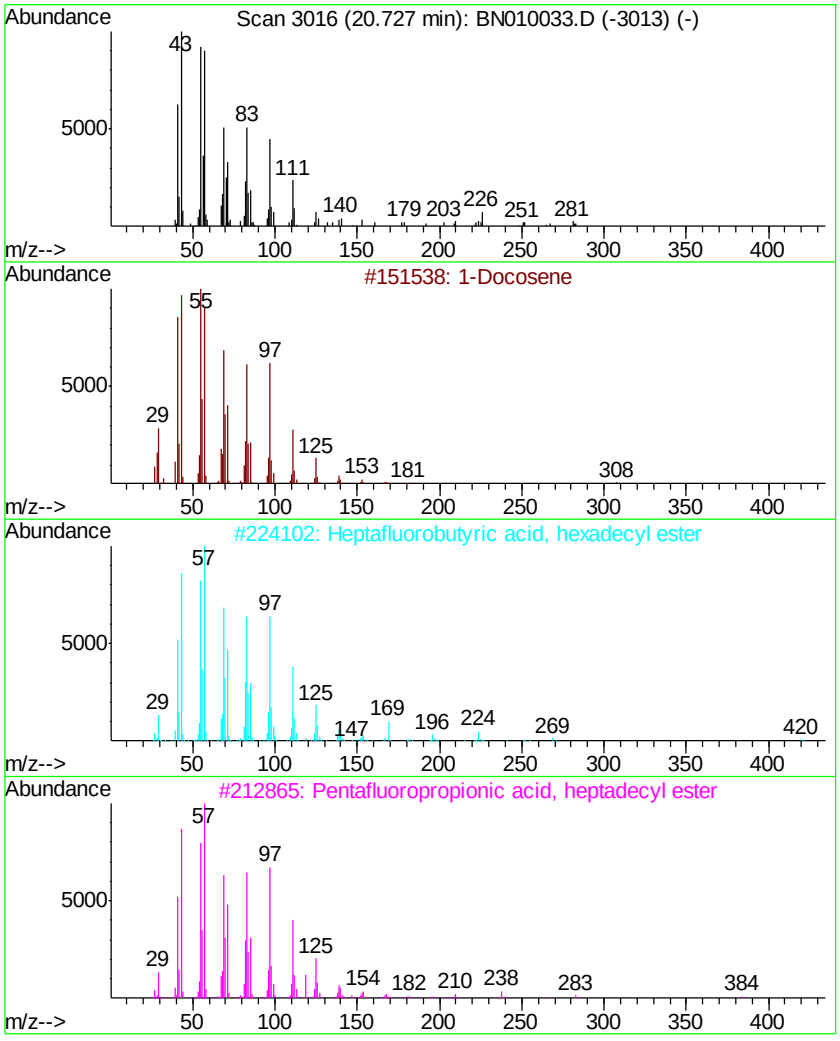
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

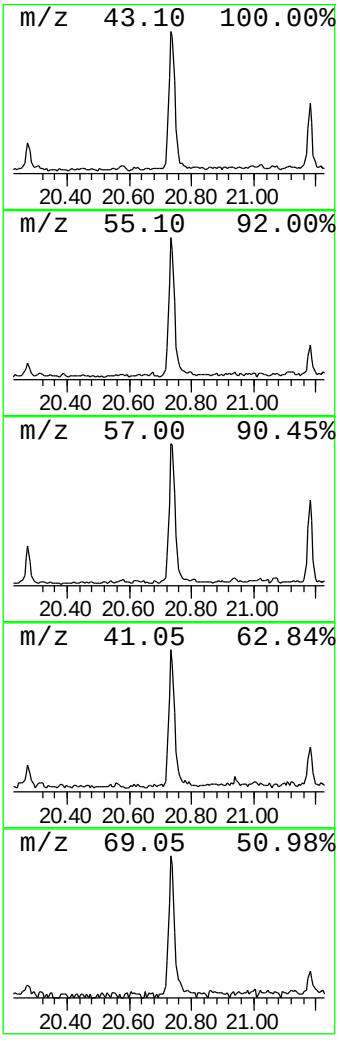
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	5.20 ng/ul	300462	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022820\
Data File : BN010033.D
Acq On : 29 Feb 2020 20:12
Operator : CG/JU
Sample : L1615-10
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDN4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

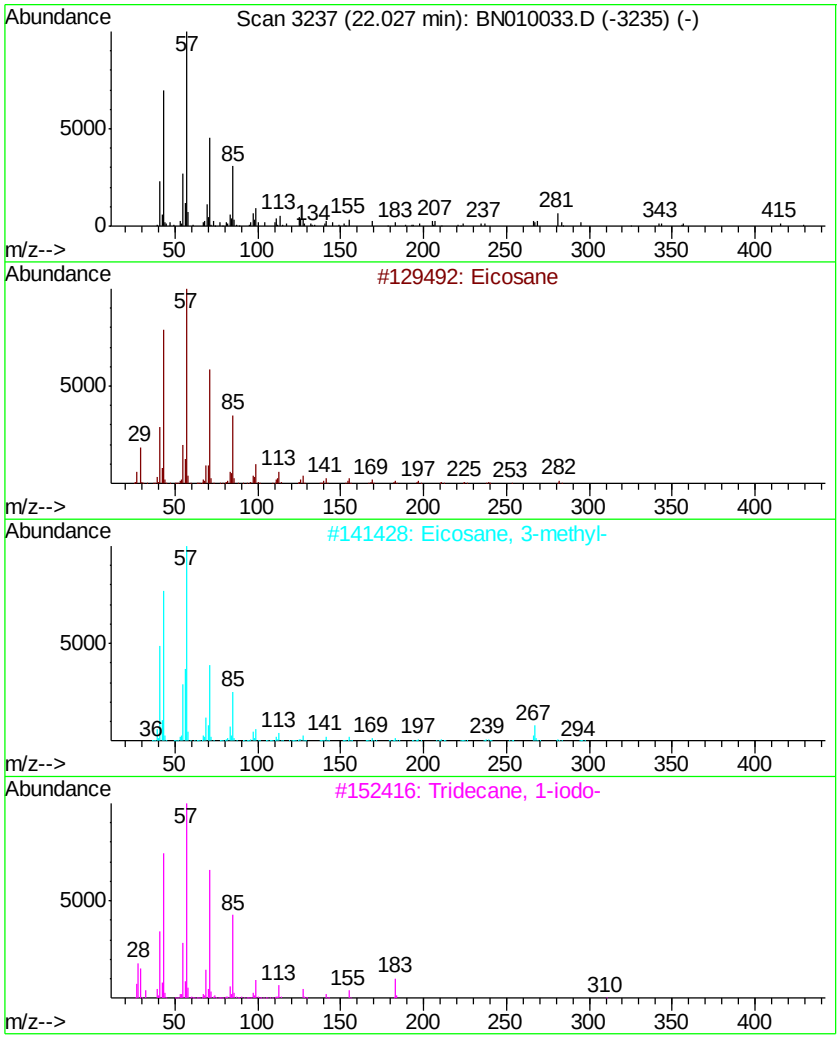
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

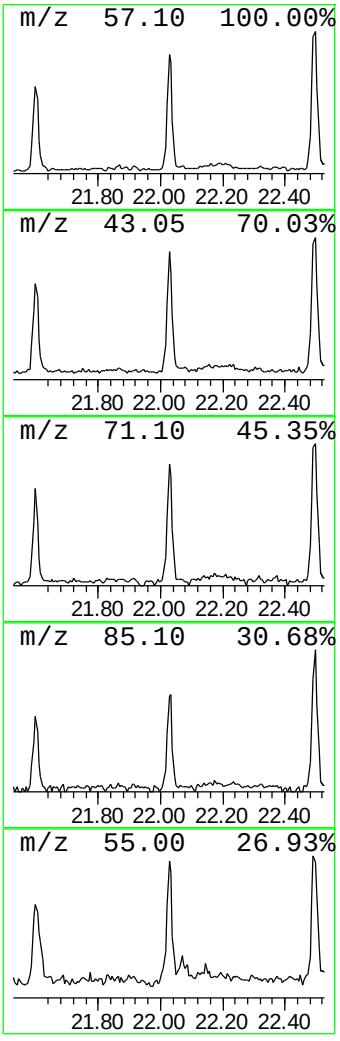
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.03	2.25 ng/ul	129809	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	74
2	Eicosane, 3-methyl-	296	C21H44	006418-46-8	72
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	68





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Data File : BN010033.D
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Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDN4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

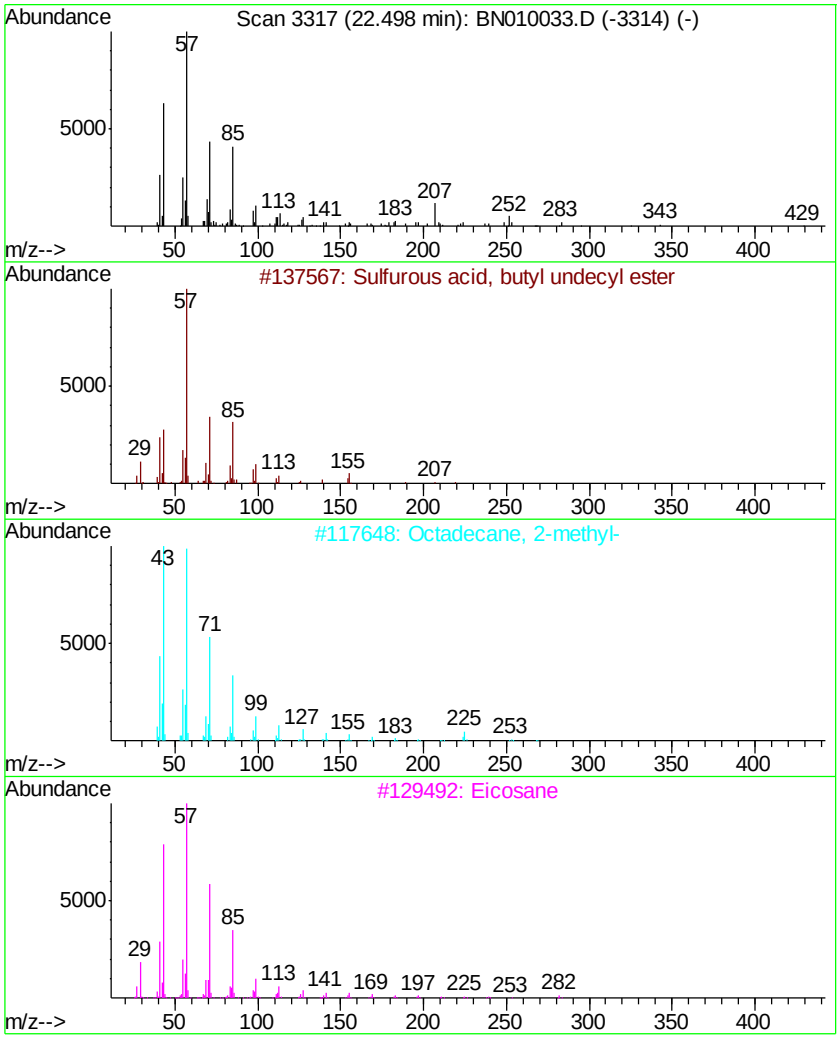
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

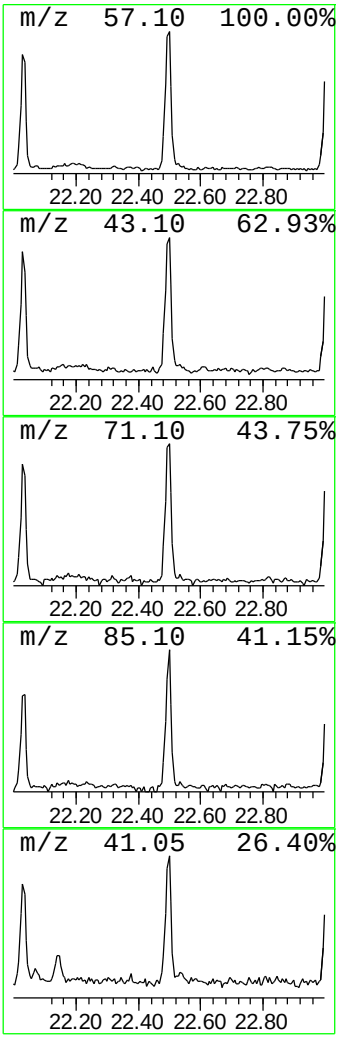
****

Peak Number 3 Sulfurous acid, butyl undec... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	3.24 ng/ul	166599	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	72
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	60
3	Eicosane	282	C20H42	000112-95-8	58
4	Hentriacontane	437	C31H64	000630-04-6	52
5	1-Iodoundecane	282	C11H23I	004282-44-4	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022820\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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
(DEL) Alkane: Str...	20.73	5.2	ng/ul	300462	5	21.00	1155780	20.0
(DEL) Alkane: Str...	22.03	2.3	ng/ul	129809	5	21.00	1155780	20.0
Sulfurous acid, b...	22.50	3.2	ng/ul	166599	6	23.10	1028960	20.0