LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010005.D
Acq On : 29 Feb 2020 03:20
Operator : CG/JU
Sample : L1507-16DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R2DL

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	3.269	47	48	51	rBV2	2304	2434	0.20%	0.038%
2	3.417	71	73	77	rVB3	2727	2657	0.22%	0.042%
3	3.617	106	107	111	rBV3	2412	2417	0.20%	0.038%
4	3.699	120	121	126	rBV5	4025	4911	0.41%	0.077%
5	3.764	129	132	135	rVB4	2317	3375	0.28%	0.053%
6	3.793	135	137	139	rBV3	1675	1786	0.15%	0.028%
7	3.869	148	150	152	rBV3	1481	1568	0.13%	0.025%
8	3.999	170	172	173	rBV	2824	1993	0.17%	0.031%
9	4.075	182	185	186	rVV3	1789	1622	0.14%	0.025%
10	4.258	214	216	218	rVB2	2542	1816	0.15%	0.028%
11	4.293	220	222	226	rVB4	1888	2430	0.20%	0.038%
12	4.346	228	231	233	rBV4	1721	1618	0.14%	0.025%
13	4.381	236	237	240	rBV3	2418	2614	0.22%	0.041%
14	4.599	269	274	275	rBV3	2523	3741	0.32%	0.059%
15	4.811	307	310	311	rBV3	1821	1669	0.14%	0.026%
16	4.875	317	321	322	rBV3	1775	1890	0.16%	0.030%
17	5.240	381	383	386	rVB3	1652	1731	0.15%	0.027%
18	6.058	520	522	529	rVB5	1277	1988	0.17%	0.031%
19	6.281	558	560	562	rVB3	1862	1443	0.12%	0.023%
20	6.311	562	565	566	rBV3	1595	1655	0.14%	0.026%
21	6.611	612	616	618	rBV2	1727	2488	0.21%	0.039%
22	6.769	641	643	646	rVB3	1400	1516	0.13%	0.024%
23	6.810	646	650	651	rBV3	1582	1687	0.14%	0.026%
24	6.875	659	661	664	rBV2	1618	1946	0.16%	0.030%
25	6.940	668	672	673	rVB2	2076	2520	0.21%	0.039%
26	6.975	677	678	680	rBV	1706	1526	0.13%	0.024%
27	7.058	688	692	696	rVB4	1669	1672	0.14%	0.026%
28	7.134	702	705	706	rVB2	2219	1655	0.14%	0.026%
29	7.163	706	710	712	rBV2	1591	1740	0.15%	0.027%
30	7.375	739	746	770	rVV	267874	510479	42.99%	7.995%
31	7.846	821	826	828	rBV3	1201	1911	0.16%	0.030%
32	8.169	878	881	883	rVB3	1466	1573	0.13%	0.025%
33	8.281	897	900	903	rBV4	1077	1572	0.13%	0.025%
34	8.328	906	908	911	rVB2	1575	1674	0.14%	0.026%

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Operator : CG/JU
Sample : L1507-16DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R2DL

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	8.452	926	929	930	rBV2	1540	1603	0.13%	0.025%
36	9.028	1023	1027	1029	rBV3	1941	2841	0.24%	0.044%
37	9.287	1066	1071	1073	rVB2	1310	1568	0.13%	0.025%
38	9.369	1083	1085	1089	rVB4	1779	1859	0.16%	0.029%
39	9.410	1089	1092	1094	rBV2	1405	1535	0.13%	0.024%
40	9.687	1137	1139	1143	rBV2	1027	1695	0.14%	0.027%
41	9.828	1159	1163	1165	rVB	1533	1513	0.13%	0.024%
42	9.928	1175	1180	1181	rVB2	1366	1619	0.14%	0.025%
43	10.046	1196	1200	1203	rBV4	1198	1574	0.13%	0.025%
44	10.122	1207	1213	1236	rVV	350621	709903	59.78%	11.118%
45	10.363	1250	1254	1256	rVB3	1417	1496	0.13%	0.023%
46	10.575	1287	1290	1291	rVB2	1708	1509	0.13%	0.024%
47	10.646	1299	1302	1305	rBV	2396	2402	0.20%	0.038%
48	10.793	1325	1327	1332	rBV4	1366	1590	0.13%	0.025%
49	11.534	1452	1453	1457	rVB2	1288	1423	0.12%	0.022%
50	11.828	1500	1503	1508	rBV3	1023	1723	0.15%	0.027%
51	12.575	1627	1630	1633	rVB3	1791	1933	0.16%	0.030%
52	13.063	1711	1713	1715	rVB2	2111	1717	0.14%	0.027%
53	13.092	1715	1718	1720	rBV3	1124	1404	0.12%	0.022%
54	13.310	1752	1755	1759	rBV2	1562	1610	0.14%	0.025%
55	13.369	1762	1765	1770	rVV3	1201	1473	0.12%	0.023%
56	14.016	1869	1875	1885	rBV	558728	935537	78.78%	14.651%
57	14.157	1897	1899	1904	rVB5	1642	2148	0.18%	0.034%
58	14.487	1951	1955	1959	rBV4	1504	2286	0.19%	0.036%
59	14.751	1996	2000	2003	rBV3	1529	2349	0.20%	0.037%
60	15.128	2059	2064	2068	rBV4	1934	2944	0.25%	0.046%
61	15.622	2144	2148	2154	rBV2	1880	3111	0.26%	0.049%
62	15.716	2162	2164	2166	rBV2	1527	1405	0.12%	0.022%
63	16.022	2210	2216	2217	rBV2	1446	2421	0.20%	0.038%
64	16.039	2217	2219	2222	rVB4	1177	1602	0.13%	0.025%
65	16.504	2296	2298	2300	rVB2	2408	1492	0.13%	0.023%
66	16.569	2308	2309	2312	rVV2	1831	2054	0.17%	0.032%
67	16.781	2339	2345	2361	rBV	666426	1100532	92.67%	17.235%
68	16.898	2363	2365	2367	rVV3	2342	2176	0.18%	0.034%
69	17.033	2383	2388	2390	rBV3	1479	2828	0.24%	0.044%
70	17.239	2420	2423	2425	rBV3	1763	2018	0.17%	0.032%
71	17.581	2480	2481	2484	rVV3	1540	1420	0.12%	0.022%

LSC Area Percent Report

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Sample : L1507-16DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R2DL

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	17.633	2487	2490	2491	rVB	1957	1437	0.12%	0.023%
73	18.128	2571	2574	2575	rBV2	1507	1741	0.15%	0.027%
74	18.322	2605	2607	2608	rBV	2493	1462	0.12%	0.023%
75	18.475	2630	2633	2635	rBV2	2200	2152	0.18%	0.034%
76	18.539	2641	2644	2646	rBV4	1984	1671	0.14%	0.026%
77	18.604	2651	2655	2658	rBV3	1032	1905	0.16%	0.030%
78	18.680	2667	2668	2670	rBV	2089	1549	0.13%	0.024%
79	18.816	2687	2691	2694	rBV2	1222	2087	0.18%	0.033%
80	18.863	2696	2699	2706	rBV	11626	20426	1.72%	0.320%
81	18.963	2715	2716	2718	rBV2	2460	1802	0.15%	0.028%
82	18.992	2718	2721	2722	rVB3	1626	1407	0.12%	0.022%
83	19.010	2722	2724	2726	rBV	2056	1868	0.16%	0.029%
84	19.080	2733	2736	2737	rBV3	2068	2460	0.21%	0.039%
85	19.122	2742	2743	2745	rVV	2427	1447	0.12%	0.023%
86	19.163	2747	2750	2751	rVB	1691	1852	0.16%	0.029%
87	19.239	2756	2763	2766	rBV3	9843	17243	1.45%	0.270%
88	19.410	2790	2792	2793	rBV2	3475	2068	0.17%	0.032%
89	19.586	2821	2822	2826	rBV3	3393	4471	0.38%	0.070%
90	19.786	2854	2856	2859	rVB3	4067	2316	0.20%	0.036%
91	19.980	2887	2889	2891	rBV2	3968	3544	0.30%	0.056%
92	20.698	3009	3011	3016	rBV5	10678	10391	0.87%	0.163%
93	20.998	3057	3062	3071	rBV	841196	1187545	100.00%	18.598%
94	21.598	3162	3164	3167	rBV3	21349	20143	1.70%	0.315%
95	22.033	3235	3238	3245	rVB3	44891	53657	4.52%	0.840%
96	22.498	3314	3317	3321	rVB2	72816	84783	7.14%	1.328%
97	23.010	3401	3404	3411	rVB2	93911	138391	11.65%	2.167%
98	23.098	3413	3419	3428	rVB2	615183	1121408	94.43%	17.562%
99	23.592	3498	3503	3509	rVB	95316	169252	14.25%	2.651%
100	24.257	3612	3616	3625	rVB3	75392	135256	11.39%	2.118%

Sum of corrected areas: 6385364

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Misc :
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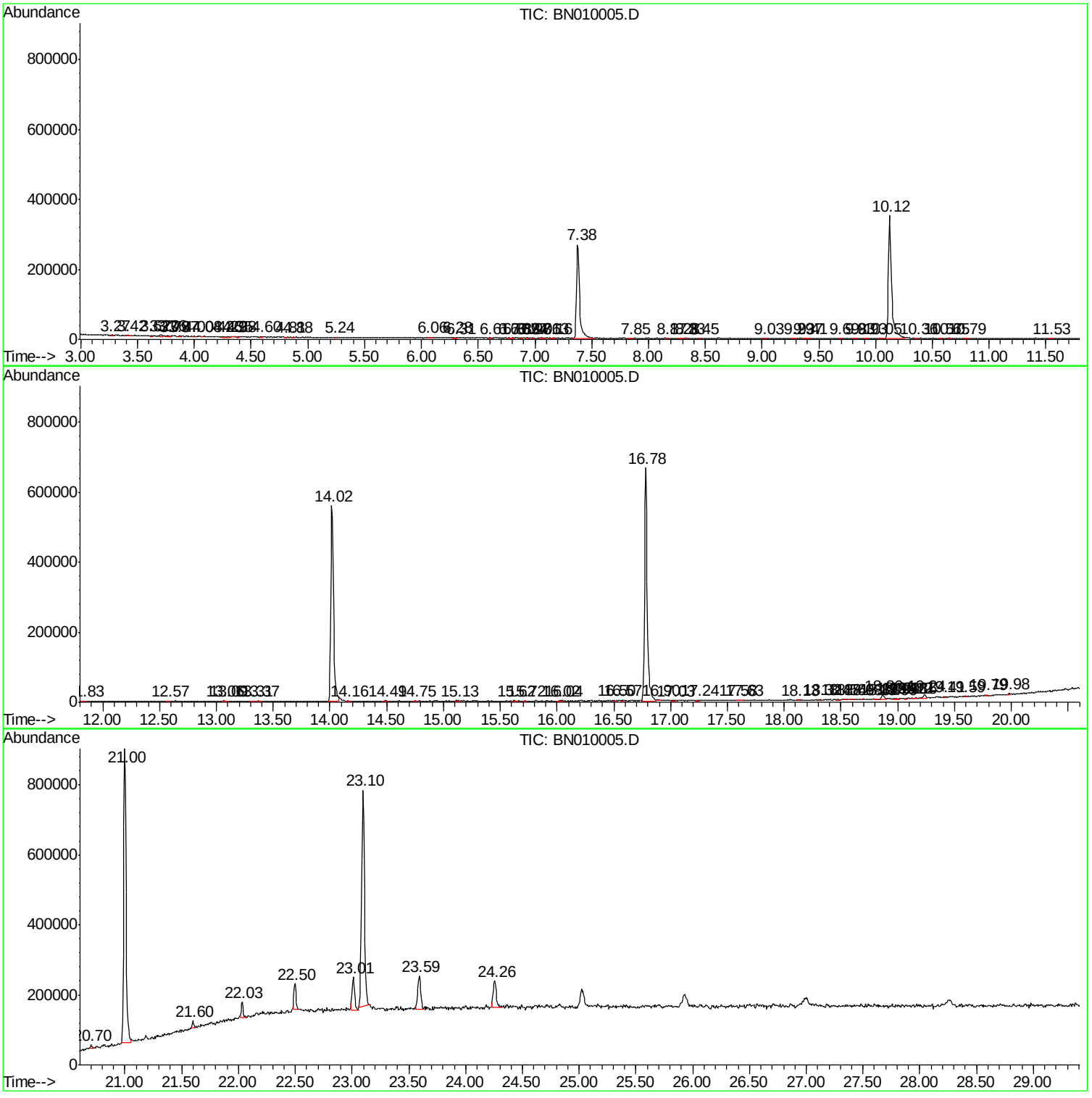
Instrument :
BNA_N
ClientSampleId :
CB5R2DL

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\
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Quant Title : SVOA CALIBRATION

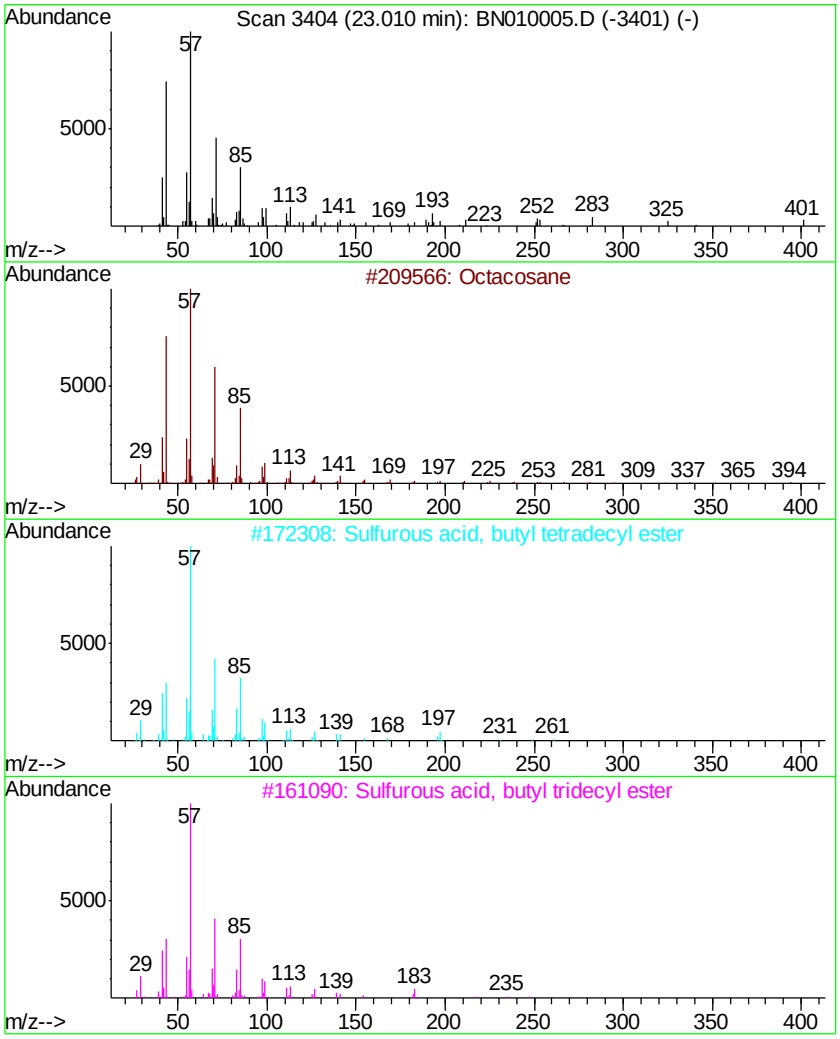
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

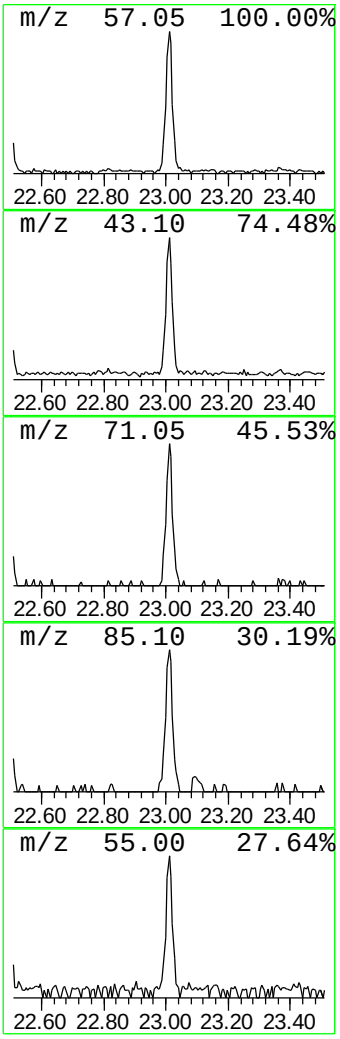
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.01	2.47 ng/ul	138391	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	83
2	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	80
3	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	80
4	Hexadecane	226	C16H34	000544-76-3	74
5	Eicosane	282	C20H42	000112-95-8	74





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Acq On : 29 Feb 2020 03:20
Operator : CG/JU
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R2DL

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

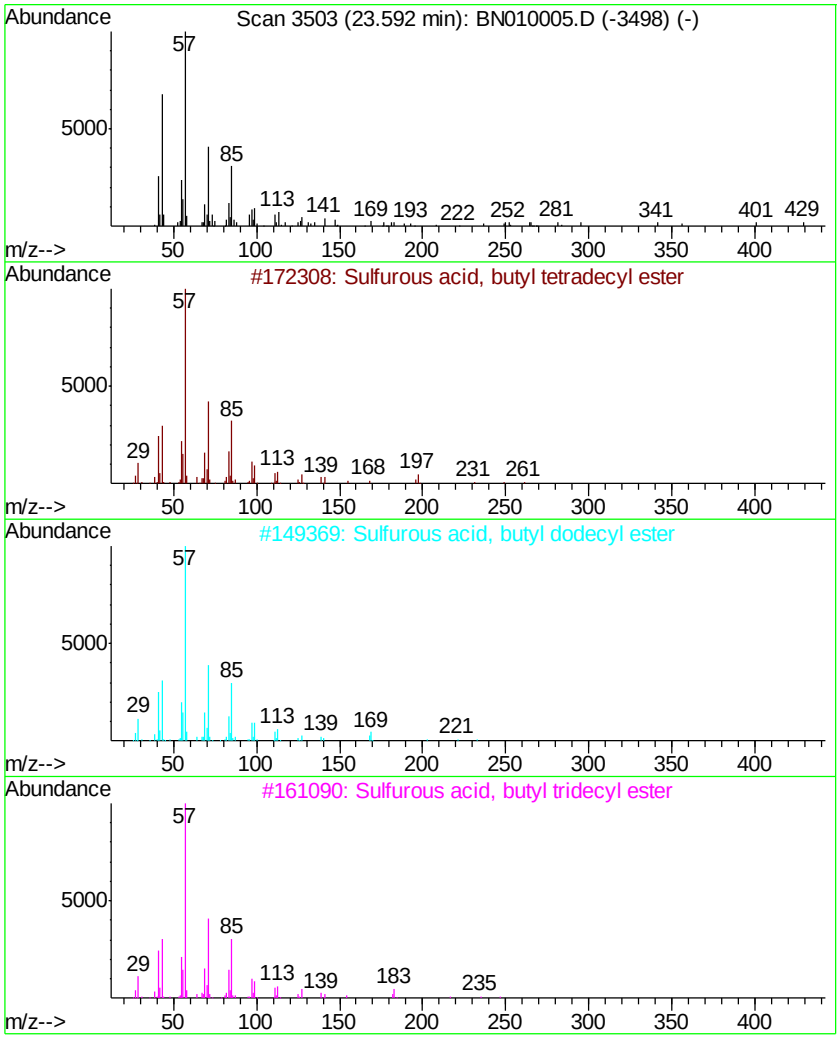
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

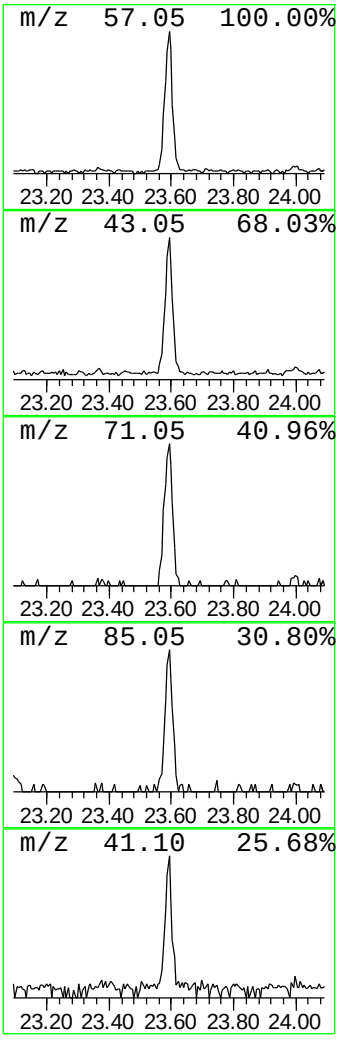
****

Peak Number 2 Sulfurous acid, butyl tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	3.02 ng/ul	169252	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	83
2	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	83
3	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	83
4	Hentriacontane	437	C31H64	000630-04-6	83
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	80





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Instrument : BNA_N
ClientSampleId : CB5R2DL

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

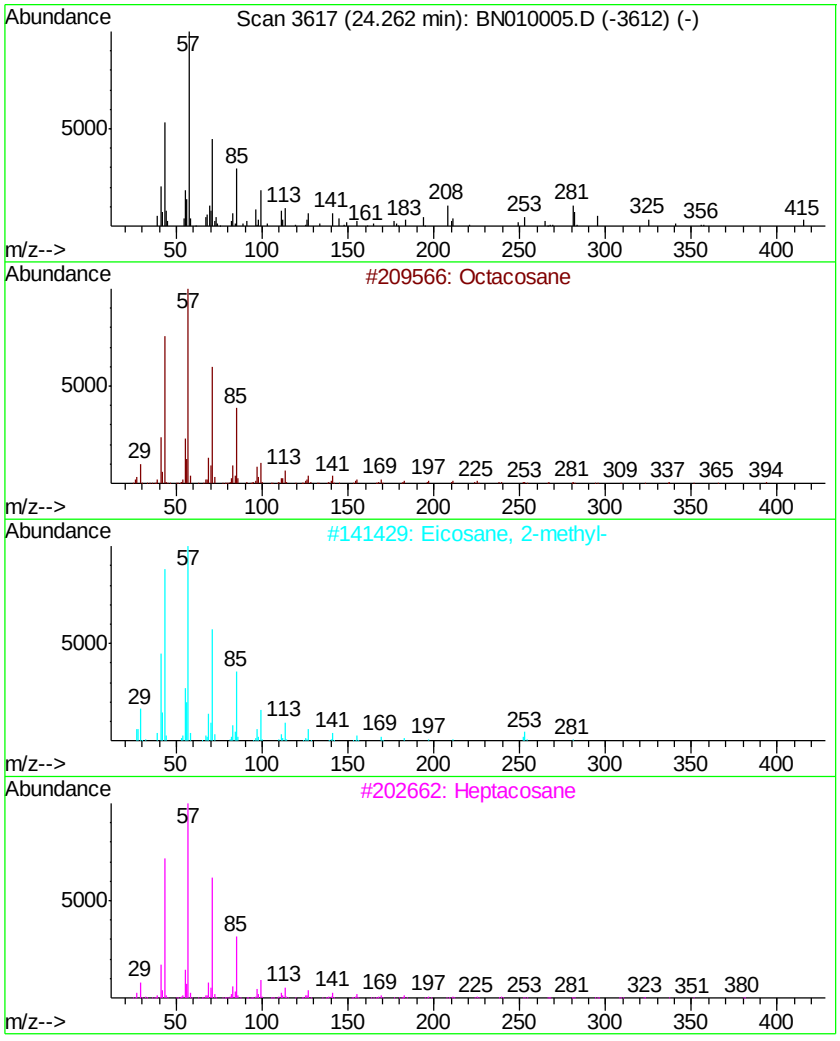
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

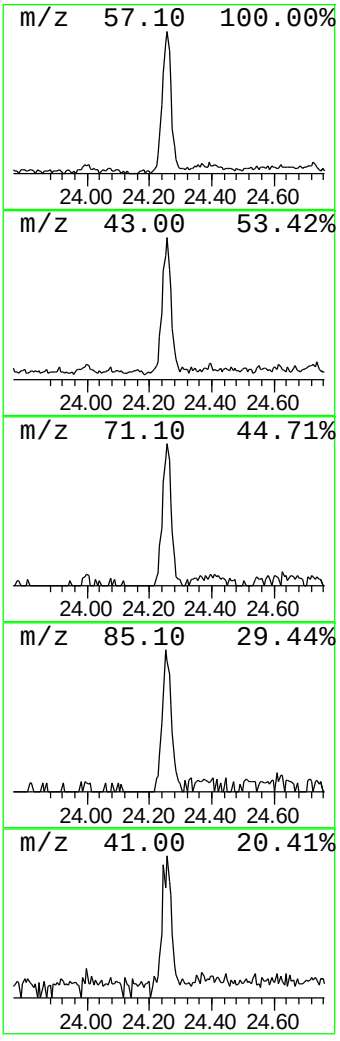
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.26	2.41 ng/ul	135256	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	68
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	64
3	Heptacosane	380	C27H56	000593-49-7	53
4	Docosane	310	C22H46	000629-97-0	52
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022820\
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Acq On : 29 Feb 2020 03:20
Operator : CG/JU
Sample : L1507-16DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R2DL

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...	23.01	2.5	ng/ul	138391	6	23.10	1121410	20.0
Sulfurous acid, b...	23.59	3.0	ng/ul	169252	6	23.10	1121410	20.0
(DEL) Alkane: Str...	24.26	2.4	ng/ul	135256	6	23.10	1121410	20.0