LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP021521\
Data File : BP004753.D
Acq On : 15 Feb 2021 18:58
Operator : CG/JU
Sample : M1349-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGT1

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_P\METHODS\SOM-EPA-BP020821MA.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	3.252	8	11	18	rVV3	10709	15190	1.26%	0.131%
2	3.981	132	135	141	rVV3	3381	5284	0.44%	0.046%
3	4.681	251	254	257	rBV5	1214	1390	0.12%	0.012%
4	4.840	280	281	287	rBV5	769	1273	0.11%	0.011%
5	6.675	591	593	598	rVB3	1378	1280	0.11%	0.011%
6	6.728	598	602	604	rBV4	1137	1514	0.13%	0.013%
7	6.934	630	637	647	rBV	48356	82703	6.85%	0.715%
8	7.099	660	665	678	rVB	138471	217633	18.02%	1.880%
9	7.299	692	699	710	rBV	180723	284926	23.59%	2.462%
10	7.769	772	779	786	rVB	187432	298490	24.71%	2.579%
11	7.834	786	790	793	rBV5	1872	2386	0.20%	0.021%
12	8.157	843	845	851	rVB7	895	1612	0.13%	0.014%
13	8.275	862	865	867	rBV4	1085	1289	0.11%	0.011%
14	8.469	892	898	906	rBV	127417	205026	16.97%	1.771%
15	8.922	968	975	986	rBV	179607	288262	23.86%	2.490%
16	9.034	990	994	996	rVV5	1098	1340	0.11%	0.012%
17	9.352	1041	1048	1052	rVV2	5043	8668	0.72%	0.075%
18	9.640	1086	1097	1107	rBV	155611	263249	21.79%	2.274%
19	10.181	1181	1189	1203	rBV	226526	374829	31.03%	3.238%
20	10.269	1203	1204	1210	rVB6	1113	1580	0.13%	0.014%
21	10.463	1233	1237	1241	rVB6	875	1384	0.11%	0.012%
22	10.557	1246	1253	1262	rBV	234611	385384	31.90%	3.330%
23	10.699	1273	1277	1285	rVB3	7725	13991	1.16%	0.121%
24	11.087	1338	1343	1346	rVV7	1063	1237	0.10%	0.011%
25	11.934	1485	1487	1493	rVB6	868	1518	0.13%	0.013%
26	11.993	1493	1497	1501	rBV6	1466	2522	0.21%	0.022%
27	12.157	1520	1525	1529	rVB3	4156	6745	0.56%	0.058%
28	12.763	1625	1628	1632	rBV3	1424	1880	0.16%	0.016%
29	12.922	1650	1655	1658	rBV6	895	1446	0.12%	0.012%
30	13.022	1667	1672	1680	rVB5	2130	5041	0.42%	0.044%
31	13.245	1706	1710	1715	rVB5	2072	3297	0.27%	0.028%
32	13.310	1715	1721	1726	rBV9	1523	3094	0.26%	0.027%
33	13.822	1802	1808	1813	rBV	414141	546073	45.20%	4.718%
34	13.869	1813	1816	1823	rVV2	22069	31490	2.61%	0.272%

LSC Area Percent Report

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Sample : M1349-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGT1

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:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Title : SVOA CALIBRATION

35	13.951	1827	1830	1834	rVB5	1348	2144	0.18%	0.019%
36	14.104	1849	1856	1863	rBV	433910	636957	52.73%	5.503%
37	14.251	1877	1881	1882	rBV3	1827	2203	0.18%	0.019%
38	14.328	1891	1894	1901	rVB8	1747	2581	0.21%	0.022%
39	14.410	1902	1908	1921	rVB	315727	479658	39.71%	4.144%
40	14.616	1938	1943	1953	rBV2	22517	46257	3.83%	0.400%
41	14.687	1953	1955	1959	rVB5	1271	1672	0.14%	0.014%
42	14.775	1966	1970	1973	rBV5	936	1473	0.12%	0.013%
43	14.839	1975	1981	1987	rBV9	2860	5033	0.42%	0.043%
44	15.157	2032	2035	2041	rVB7	1900	3416	0.28%	0.030%
45	15.234	2041	2048	2052	rBV6	4031	7426	0.61%	0.064%
46	15.281	2054	2056	2059	rVB3	1920	1742	0.14%	0.015%
47	15.410	2070	2078	2086	rBV	572490	797888	66.05%	6.893%
48	15.522	2091	2097	2107	rBV	191894	267111	22.11%	2.308%
49	15.651	2113	2119	2124	rBV3	6267	10165	0.84%	0.088%
50	15.898	2157	2161	2165	rBV6	1471	1936	0.16%	0.017%
51	15.975	2169	2174	2175	rBV4	1078	1403	0.12%	0.012%
52	16.081	2188	2192	2194	rBV5	1075	1510	0.12%	0.013%
53	16.139	2199	2202	2204	rBV4	1895	1874	0.16%	0.016%
54	16.198	2209	2212	2218	rVB6	3363	4647	0.38%	0.040%
55	16.404	2244	2247	2252	rVB6	2974	4711	0.39%	0.041%
56	16.492	2259	2262	2265	rVB5	1171	1463	0.12%	0.013%
57	16.845	2320	2322	2328	rBV6	1659	2083	0.17%	0.018%
58	16.933	2333	2337	2343	rBV7	4041	7144	0.59%	0.062%
59	17.039	2353	2355	2359	rVB5	1265	1355	0.11%	0.012%
60	17.169	2370	2377	2387	rBV	378288	553055	45.78%	4.778%
61	17.269	2387	2394	2400	rBV	626590	905294	74.94%	7.821%
62	17.410	2415	2418	2422	rBV6	1458	2140	0.18%	0.018%
63	17.463	2424	2427	2429	rVV4	2050	1868	0.15%	0.016%
64	17.680	2461	2464	2466	rVB4	1293	1381	0.11%	0.012%
65	17.733	2472	2473	2476	rBV3	1274	1231	0.10%	0.011%
66	18.063	2523	2529	2537	rBV2	46645	68864	5.70%	0.595%
67	18.128	2537	2540	2549	rVB2	4876	8935	0.74%	0.077%
68	18.210	2549	2554	2557	rBV2	17280	21296	1.76%	0.184%
69	18.828	2657	2659	2661	rBV3	1279	1241	0.10%	0.011%
70	19.151	2710	2714	2718	rBV3	9391	14498	1.20%	0.125%
71	19.298	2735	2739	2747	rBV2	26514	36538	3.02%	0.316%

LSC Area Percent Report

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Instrument : BNA_P
ClientSampleId : DBGT1

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:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Title : SVOA CALIBRATION

72	19.392	2752	2755	2760	rVV4	7089	9946	0.82%	0.086%
73	19.504	2769	2774	2783	rVB	849530	1105419	91.51%	9.550%
74	19.892	2838	2840	2842	rBV3	3040	1966	0.16%	0.017%
75	20.974	3019	3024	3031	rBV3	136504	181641	15.04%	1.569%
76	21.039	3031	3035	3040	rVV	29309	37166	3.08%	0.321%
77	21.251	3066	3071	3077	rBV	580049	693687	57.42%	5.993%
78	23.410	3431	3438	3450	rBV	612474	1208002	100.00%	10.437%
79	23.557	3456	3463	3472	rVB	339565	684257	56.64%	5.912%
80	24.410	3603	3608	3616	rVB	115798	239633	19.84%	2.070%
81	26.115	3891	3898	3911	rVB	159069	439729	36.40%	3.799%

Sum of corrected areas: 11574665

LSC Report - Integrated Chromatogram

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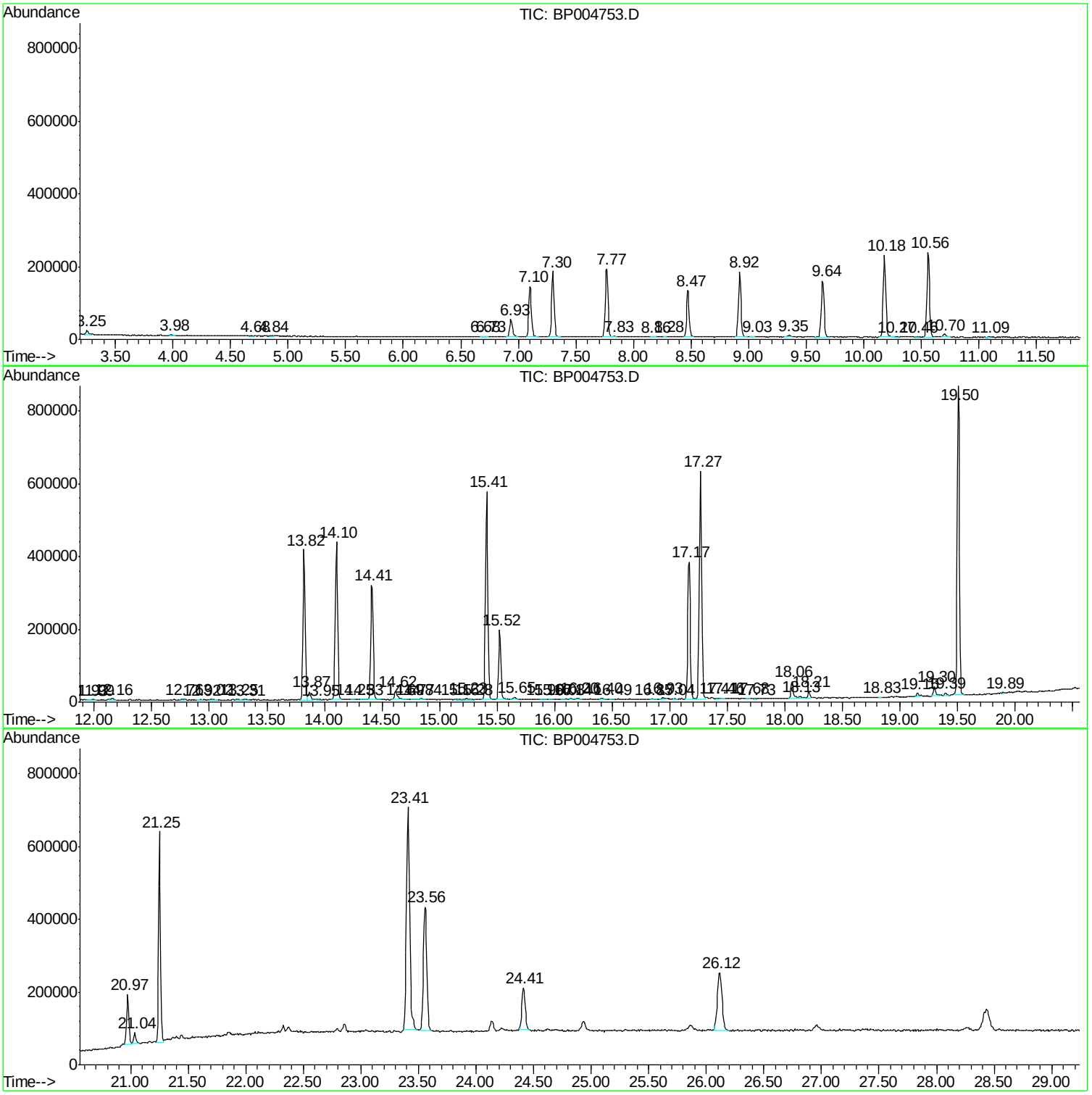
Sample : M1349-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGT1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Data File : BP004753.D
Acq On : 15 Feb 2021 18:58
Operator : CG/JU
Sample : M1349-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGT1

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Quant Title : SVOA CALIBRATION

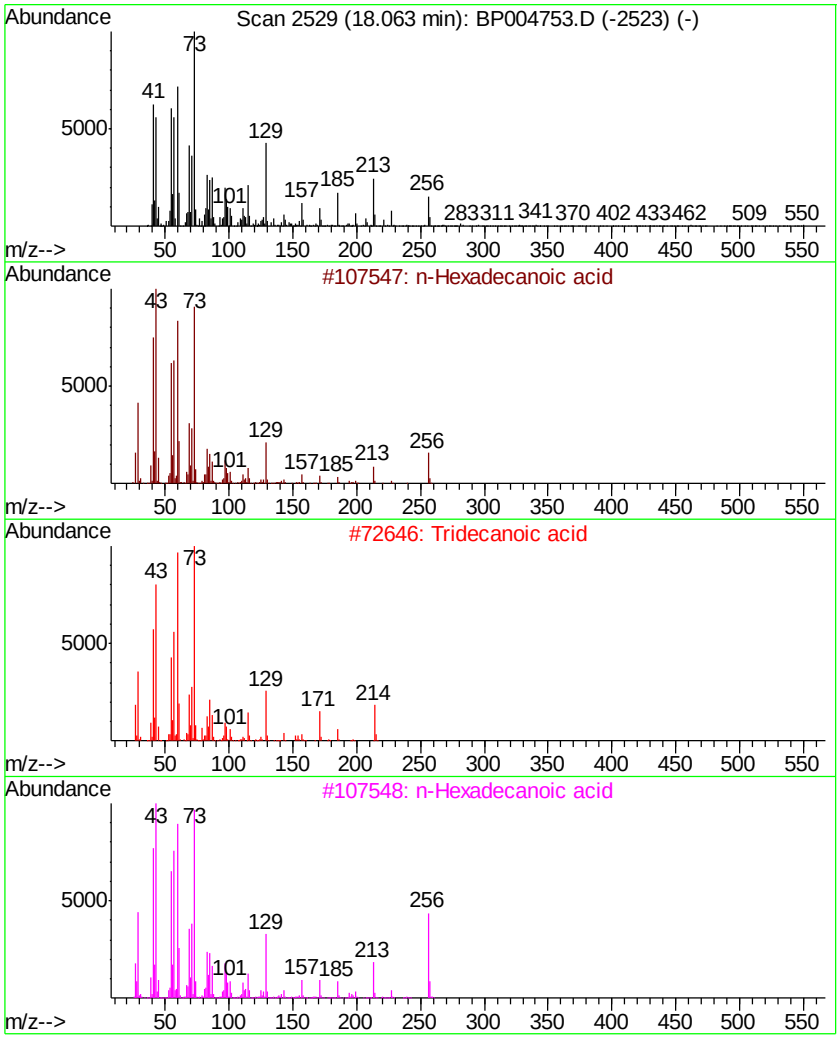
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

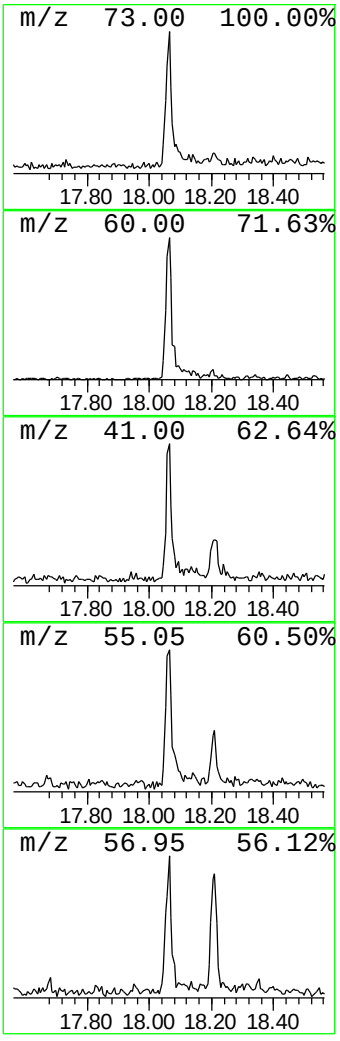
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.49 ng/ul	68864	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68





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Quant Title : SVOA CALIBRATION

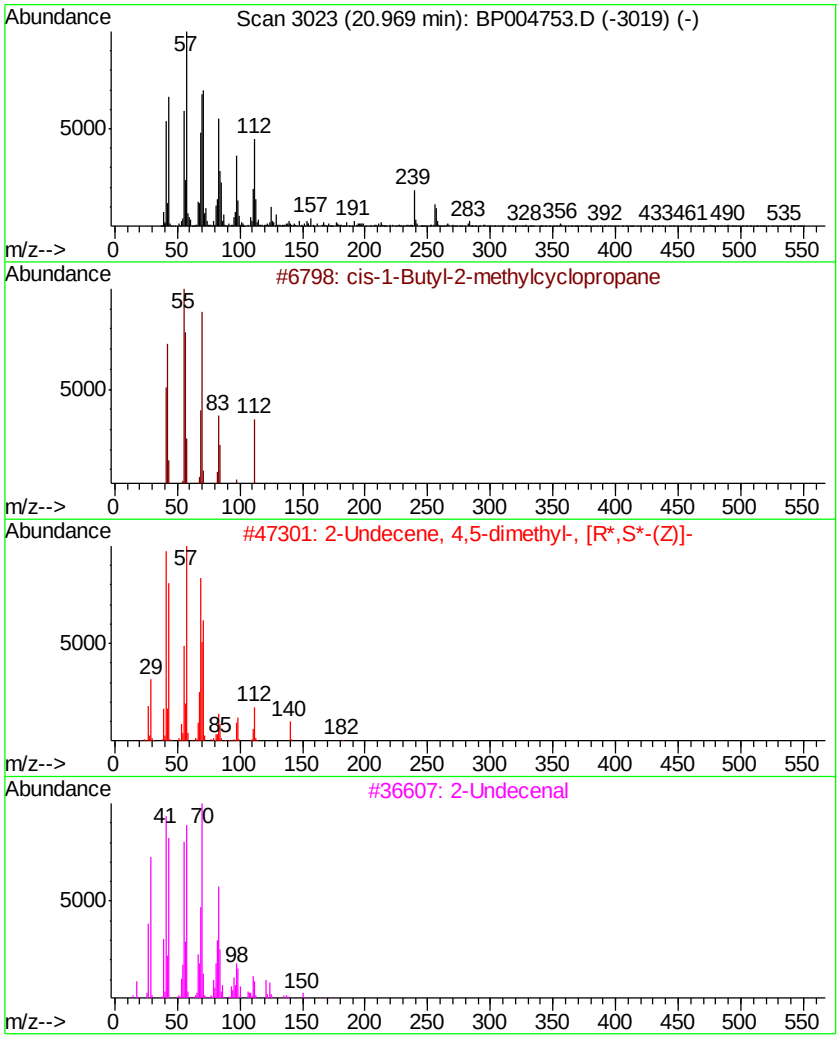
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

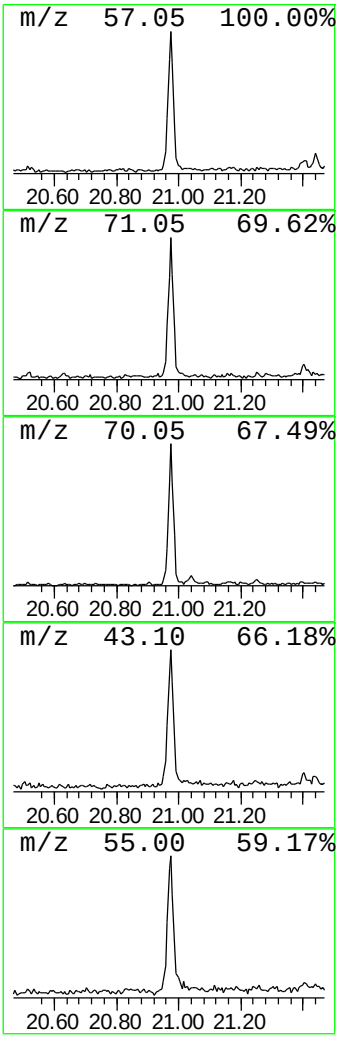
****

Peak Number 2 (DEL) Alkane: Cyclic20.97 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	5.24 ng/ul	181641	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	49
2	2-Undecene, 4,5-dimethyl-, [R*,S...	182	C13H26	055170-93-9	49
3	2-Undecenal	168	C11H20O	002463-77-6	41
4	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	41
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	38





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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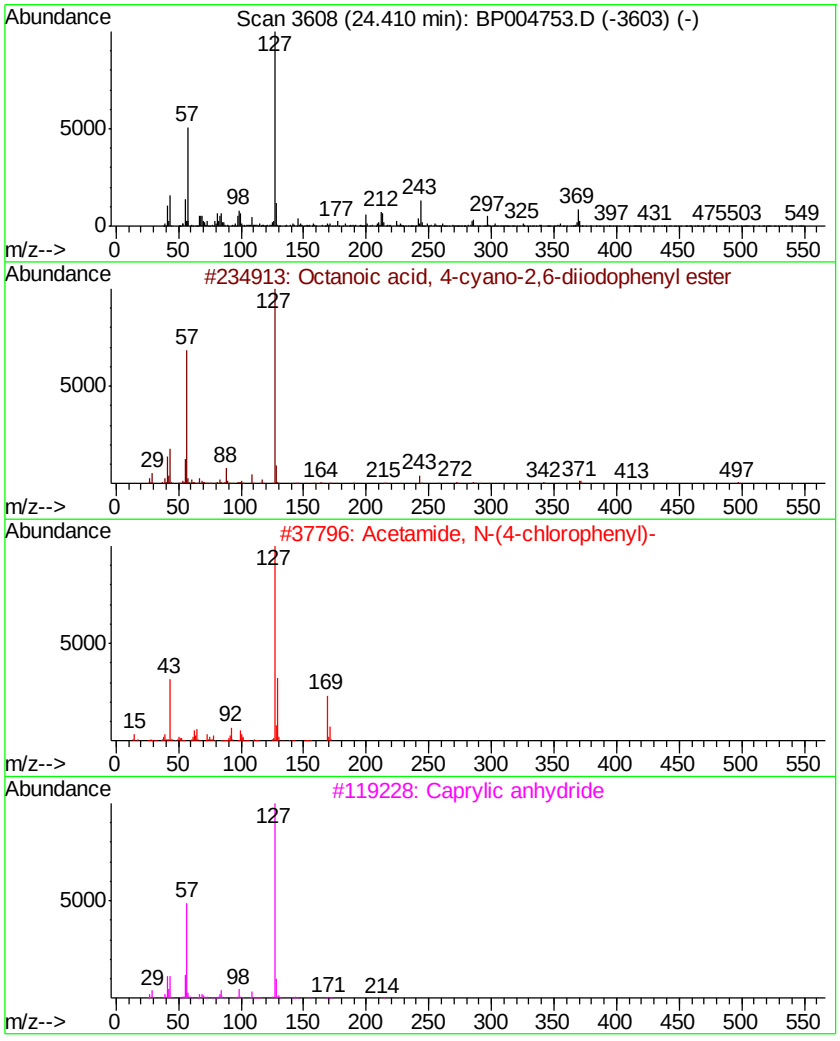
TIC Integration Parameters: LSCINT.P

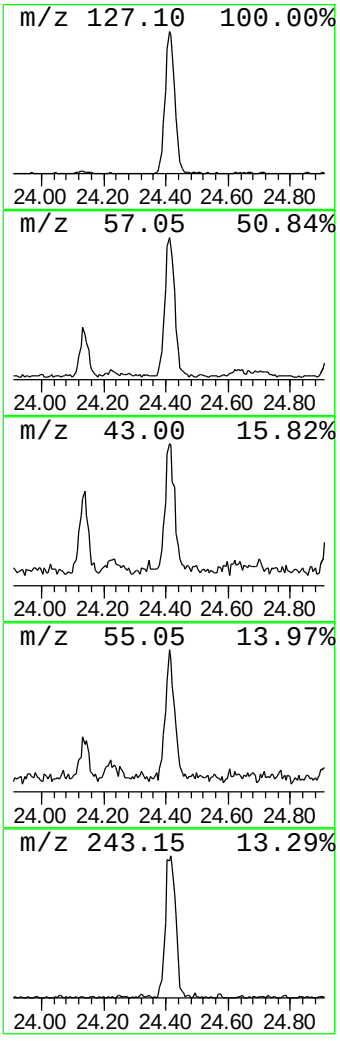
****

Peak Number 3 Octanoic acid, 4-cyano-2,6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.41	7.00 ng/ul	239633	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, 4-cyano-2,6-diiod...	497	C15H17I2NO2	003861-47-0	64
2	Acetamide, N-(4-chlorophenyl)-	169	C8H8ClNO	000539-03-7	58
3	Caprylic anhydride	270	C16H30O3	000623-66-5	53
4	L-Valine, N-dimethylaminomethyle...	200	C10H20N2O2	1000375-63-8	53
5	1H-Imidazole, 1-methyl-4-nitro-	127	C4H5N3O2	003034-41-1	50





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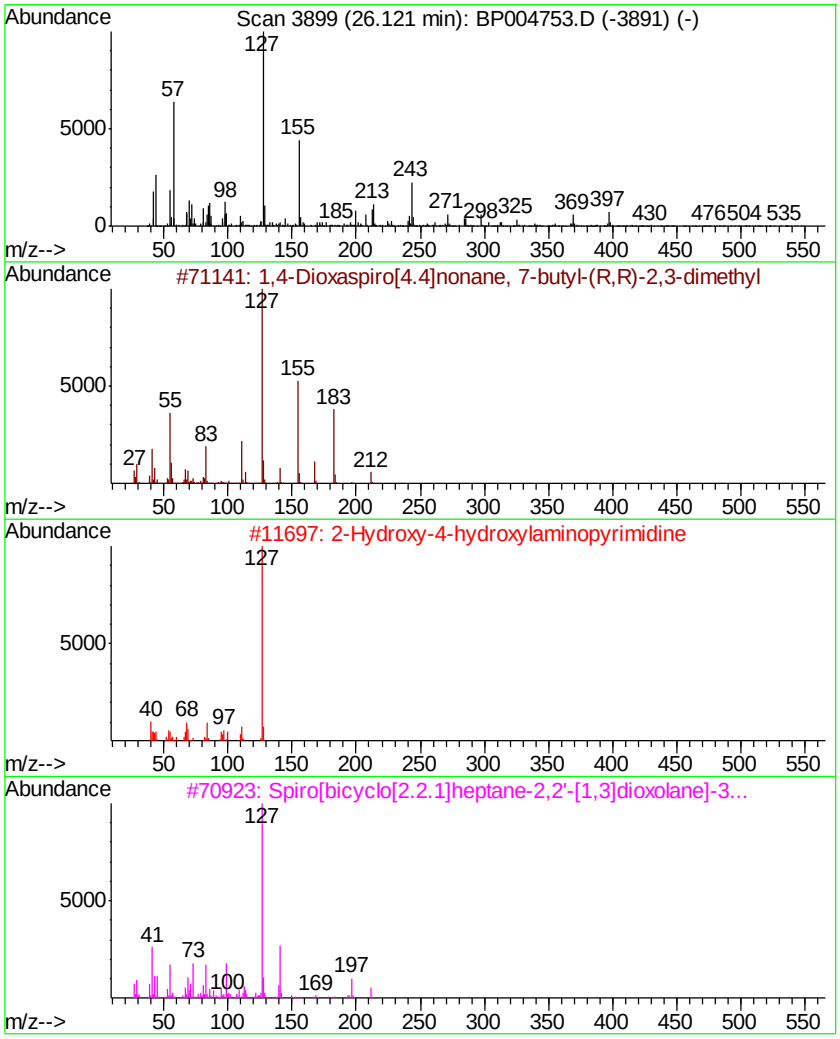
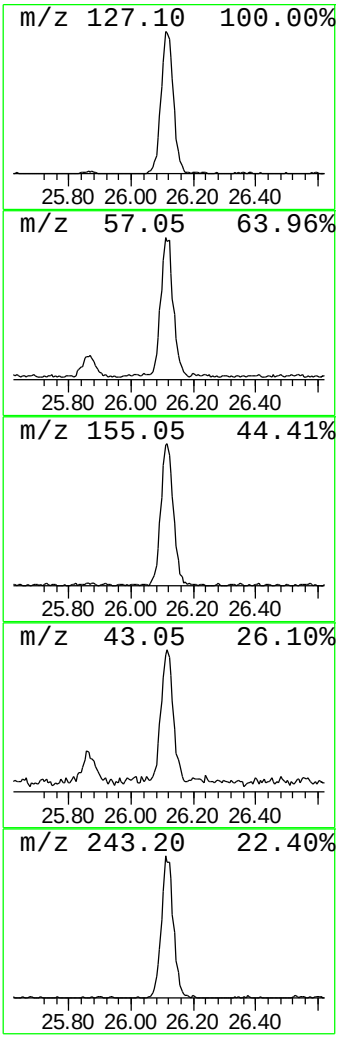
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,4-Dioxaspiro[4.4]nonane, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.12	12.85 ng/ul	439729	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxaspiro[4.4]nonane, 7-but...	212	C13H24O2	104807-77-4	53
2	2-Hydroxy-4-hydroxylaminopyrimidine	127	C4H5N3O2	020555-88-8	38
3	Spiro[bicyclo[2.2.1]heptane-2,2'...	212	C12H20O3	035972-92-0	38
4	2,5-Difluorobenzyl alcohol, 2-me...	214	C12H16F2O	1000378-16-6	35
5	Butanamide, N-(4-chlorophenyl)-3...	211	C10H10ClNO2	000101-92-8	35





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.06	2.5	ng/ul	68864	4	17.17	553055	20.0
(DEL) Alkane: Cyc...	20.97	5.2	ng/ul	181641	5	21.25	693687	20.0
Octanoic acid, 4-...	24.41	7.0	ng/ul	239633	6	23.56	684257	20.0
1,4-Dioxaspiro[4....	26.12	12.9	ng/ul	439729	6	23.56	684257	20.0