LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005977.D
Acq On : 31 May 2019 12:08
Operator : JU/SJ
Sample : K2928-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42B9

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-BN052819MA.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	3.260	14	18	29	rVB	67446	130367	2.93%	0.214%
2	3.760	99	103	112	rVB	271899	374114	8.42%	0.614%
3	3.842	112	117	119	rVV5	26060	43599	0.98%	0.072%
4	3.883	119	124	128	rVV	127638	201353	4.53%	0.331%
5	3.942	131	134	137	rVV2	32320	45473	1.02%	0.075%
6	3.977	137	140	146	rVB	29715	43422	0.98%	0.071%
7	4.077	152	157	161	rVB6	20879	31066	0.70%	0.051%
8	4.166	170	172	176	rVB2	14612	16910	0.38%	0.028%
9	4.330	196	200	208	rVB2	58224	90839	2.04%	0.149%
10	4.518	227	232	238	rVB	69299	102907	2.32%	0.169%
11	4.754	267	272	277	rBV8	14569	25275	0.57%	0.042%
12	4.866	286	291	297	rBV	105659	150547	3.39%	0.247%
13	4.954	300	306	311	rBV	105686	160595	3.62%	0.264%
14	5.201	343	348	358	rBV5	26309	74434	1.68%	0.122%
15	5.454	387	391	398	rVB7	19177	28848	0.65%	0.047%
16	5.601	411	416	418	rBV	16608	23821	0.54%	0.039%
17	5.642	418	423	429	rVB7	19787	39199	0.88%	0.064%
18	5.807	445	451	459	rVB2	73454	154423	3.48%	0.254%
19	6.136	501	507	513	rBV4	20704	34766	0.78%	0.057%
20	6.618	583	589	592	rBV2	31971	51381	1.16%	0.084%
21	6.724	601	607	612	rBV3	47066	83910	1.89%	0.138%
22	6.901	630	637	647	rBV	1153272	1886954	42.48%	3.099%
23	7.065	659	665	678	rBV	888917	1441466	32.45%	2.367%
24	7.189	682	686	689	rBV2	14760	19517	0.44%	0.032%
25	7.265	689	699	708	rVB	1198618	1890155	42.55%	3.104%
26	7.359	708	715	718	rBV6	11997	28627	0.64%	0.047%
27	7.430	721	727	733	rBV	52909	87869	1.98%	0.144%
28	7.736	771	779	785	rBV	1833604	2954957	66.52%	4.853%
29	7.789	785	788	797	rVV4	28189	50850	1.14%	0.084%
30	7.889	801	805	809	rBV7	8734	16202	0.36%	0.027%
31	8.001	817	824	830	rBV	129916	219341	4.94%	0.360%
32	8.124	840	845	849	rBV	23135	38487	0.87%	0.063%
33	8.295	869	874	877	rBV4	19483	30888	0.70%	0.051%
34	8.324	877	879	885	rVB5	22558	29857	0.67%	0.049%

LSC Area Percent Report

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Sample : K2928-04
Misc :
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Instrument : BNA_N
ClientSampleId : A42B9

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-BN052819MA.M
Title : SVOA CALIBRATION

35	8.436	892	898	906	rBV	1337382	2069176	46.58%	3.398%
36	8.618	927	929	935	rVB5	11970	16420	0.37%	0.027%
37	8.830	957	965	967	rBV5	21613	46174	1.04%	0.076%
38	8.889	967	975	981	rVV	1031058	1680813	37.84%	2.760%
39	8.942	981	984	991	rVB2	32363	59988	1.35%	0.099%
40	9.054	997	1003	1012	rVB2	103073	165128	3.72%	0.271%
41	9.212	1022	1030	1035	rVB3	28329	58148	1.31%	0.095%
42	9.312	1042	1047	1052	rBV2	49524	78853	1.78%	0.130%
43	9.430	1059	1067	1070	rBV2	42497	67879	1.53%	0.111%
44	9.606	1090	1097	1104	rBV	792131	1313496	29.57%	2.157%
45	9.742	1114	1120	1124	rBV8	11847	26050	0.59%	0.043%
46	9.836	1132	1136	1145	rBV8	26766	56458	1.27%	0.093%
47	10.148	1181	1189	1199	rVB	1225943	2042253	45.97%	3.354%
48	10.306	1211	1216	1222	rVB8	11968	26641	0.60%	0.044%
49	10.383	1222	1229	1236	rBV9	25753	60339	1.36%	0.099%
50	10.448	1236	1240	1243	rVB6	12457	19653	0.44%	0.032%
51	10.524	1245	1253	1260	rBV	2319525	3761833	84.68%	6.178%
52	10.618	1265	1269	1274	rVV2	66977	105049	2.36%	0.173%
53	10.665	1274	1277	1286	rVB5	21312	48111	1.08%	0.079%
54	10.789	1295	1298	1304	rVB7	12112	21245	0.48%	0.035%
55	10.942	1319	1324	1329	rBV8	18205	29468	0.66%	0.048%
56	11.312	1384	1387	1391	rBV4	18258	21918	0.49%	0.036%
57	11.377	1393	1398	1402	rVB7	11726	20638	0.46%	0.034%
58	11.565	1424	1430	1432	rBV4	20319	34354	0.77%	0.056%
59	11.812	1466	1472	1476	rBV9	14879	26061	0.59%	0.043%
60	11.859	1476	1480	1485	rVV5	21044	36678	0.83%	0.060%
61	11.959	1493	1497	1504	rVB3	29169	45796	1.03%	0.075%
62	12.036	1504	1510	1512	rBV5	17487	35390	0.80%	0.058%
63	12.089	1515	1519	1523	rBV3	56957	85297	1.92%	0.140%
64	12.195	1535	1537	1542	rVB4	16317	20511	0.46%	0.034%
65	12.412	1570	1574	1582	rBV10	15684	33273	0.75%	0.055%
66	12.647	1609	1614	1618	rBV8	19866	35898	0.81%	0.059%
67	12.789	1634	1638	1640	rBV5	11620	17153	0.39%	0.028%
68	12.924	1658	1661	1665	rVB6	25076	32397	0.73%	0.053%
69	13.165	1697	1702	1706	rBV7	34039	60860	1.37%	0.100%
70	13.212	1706	1710	1715	rVB3	46647	71876	1.62%	0.118%
71	13.353	1729	1734	1738	rBV3	81889	130219	2.93%	0.214%

LSC Area Percent Report

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Sample : K2928-04
Misc :
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Instrument : BNA_N
ClientSampleId : A42B9

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
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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Title : SVOA CALIBRATION

72	13.630	1776	1781	1784	rBV4	58915	100918	2.27%	0.166%
73	13.800	1804	1810	1814	rBV	1922783	2729574	61.44%	4.483%
74	13.847	1814	1818	1826	rVB	722640	1044940	23.52%	1.716%
75	14.083	1852	1858	1864	rBV	2162867	3175433	71.48%	5.215%
76	14.218	1877	1881	1886	rVB	126074	178829	4.03%	0.294%
77	14.294	1890	1894	1899	rBV3	105999	142353	3.20%	0.234%
78	14.394	1901	1911	1916	rBV2	2657414	4272820	96.18%	7.017%
79	14.589	1939	1944	1949	rBV	744244	1072781	24.15%	1.762%
80	14.641	1949	1953	1962	rVB	299244	540677	12.17%	0.888%
81	15.047	2020	2022	2029	rVB6	90924	126357	2.84%	0.208%
82	15.183	2042	2045	2051	rBV3	97100	134152	3.02%	0.220%
83	15.253	2054	2057	2060	rBV	79463	94255	2.12%	0.155%
84	15.388	2074	2080	2086	rVB	2652628	3736309	84.11%	6.136%
85	15.512	2098	2101	2108	rVB2	184705	262768	5.91%	0.432%
86	16.118	2200	2204	2211	rBV3	177392	422320	9.51%	0.694%
87	17.147	2374	2379	2384	rBV2	3163525	4442405	100.00%	7.296%
88	17.241	2390	2395	2400	rBV2	2631027	3734561	84.07%	6.133%
89	18.047	2529	2532	2539	rBV4	580282	804783	18.12%	1.322%
90	19.218	2727	2731	2736	rVB	767881	963054	21.68%	1.582%
91	19.553	2784	2788	2792	rBV	2992651	4335013	97.58%	7.120%
92	21.082	3046	3048	3051	rBV	949440	1191434	26.82%	1.957%
93	21.376	3095	3098	3108	rVB	2848926	4319151	97.23%	7.094%

Sum of corrected areas: 60888800

LSC Report - Integrated Chromatogram

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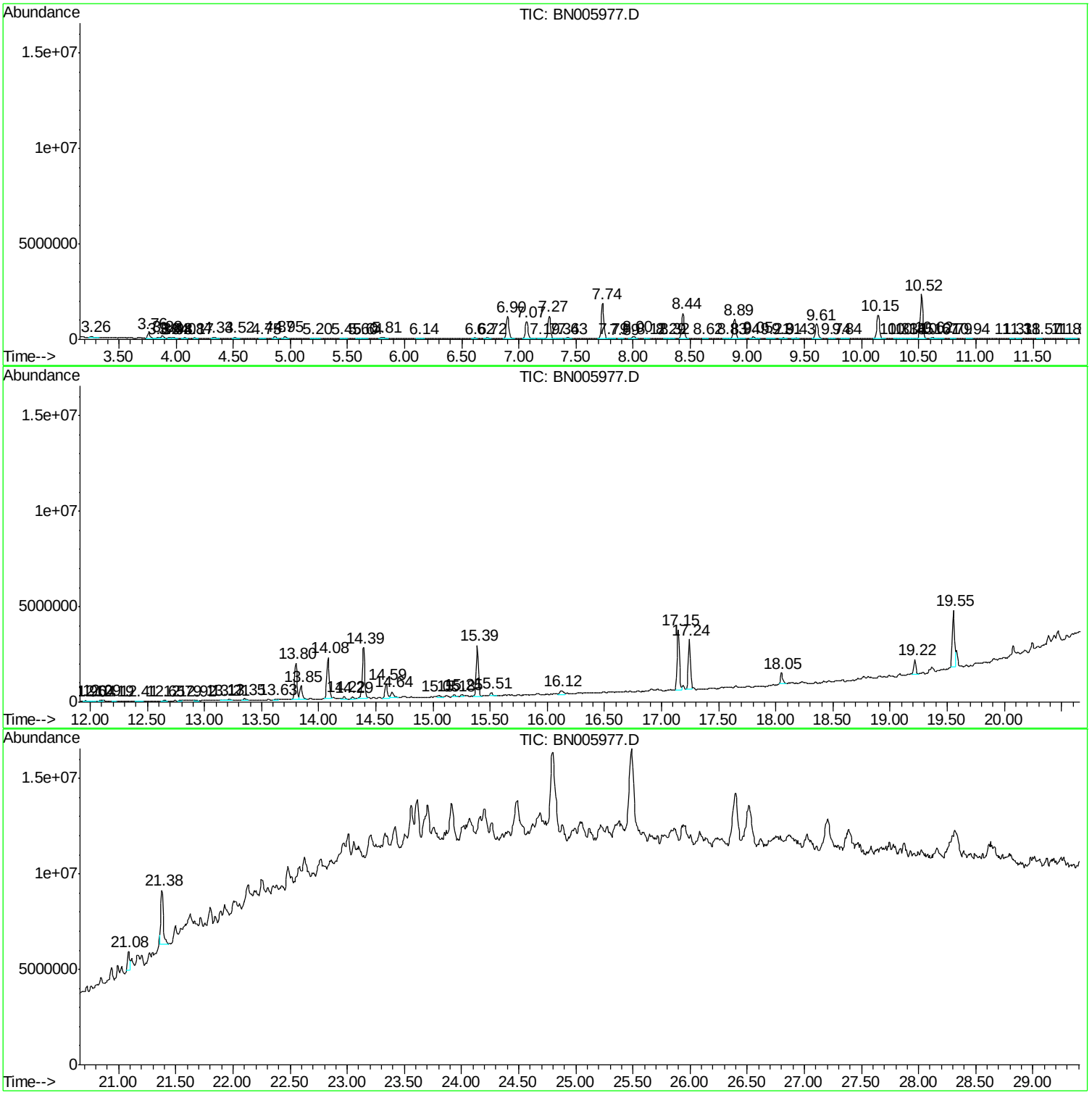
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42B9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
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Quant Title : SVOA CALIBRATION

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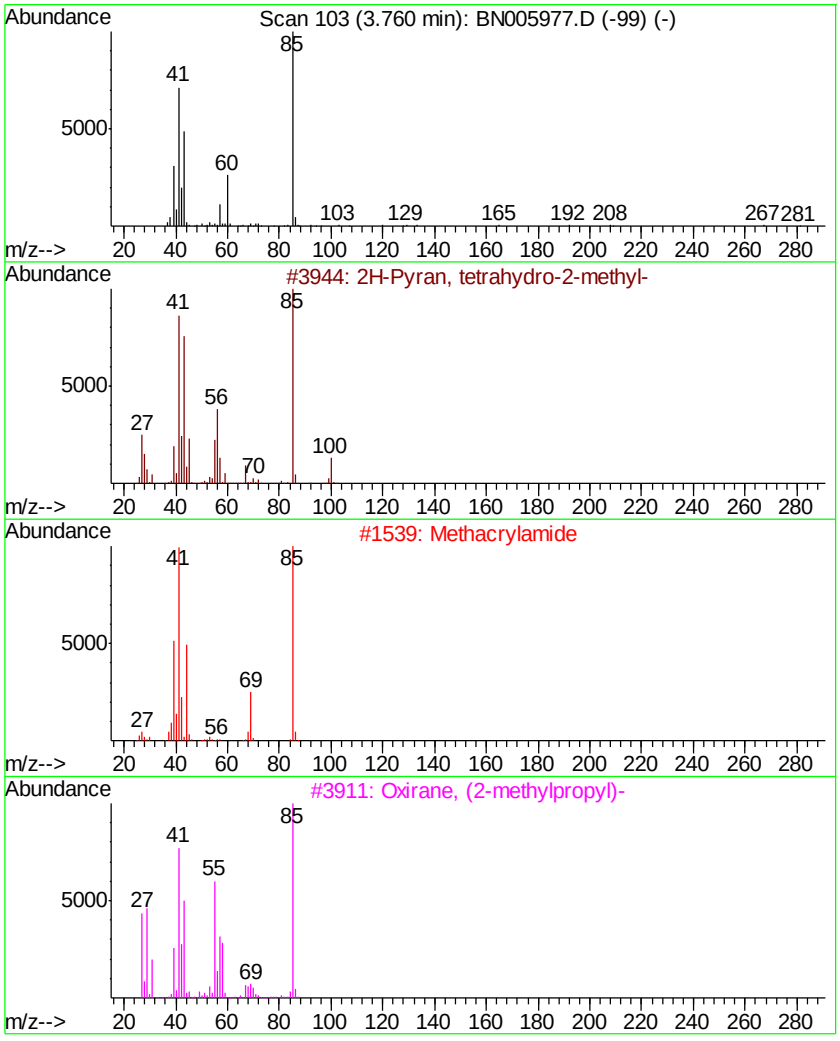
TIC Integration Parameters: LSCINT.P

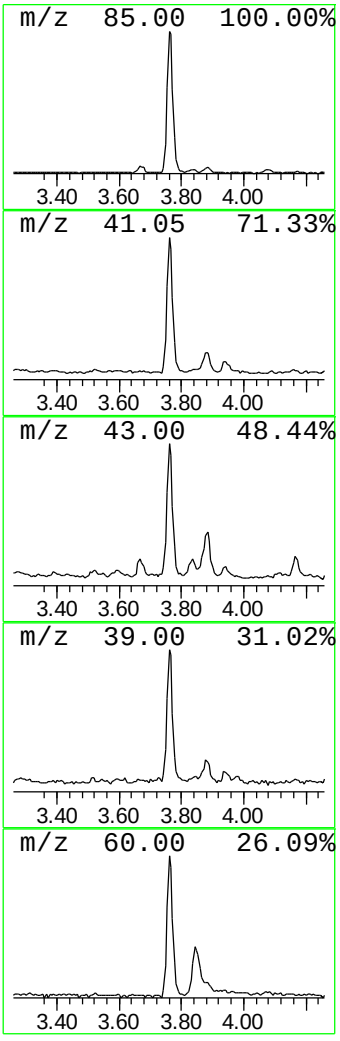
****

Peak Number 1 unknown3.76 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	2.53 ng/ul	374114	1,4-Dichlorobenzene-d4	7.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
2	Methacrylamide	85	C4H7NO	000079-39-0	36
3	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	36
4	2(3H)-Furanone, 5-acetyldihydro-	128	C6H8O3	029393-32-6	33
5	Nitrous acid, butyl ester	103	C4H9NO2	000544-16-1	9





Library Search Compound Report

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Misc :
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Instrument : BNA_N
ClientSampleId : A42B9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

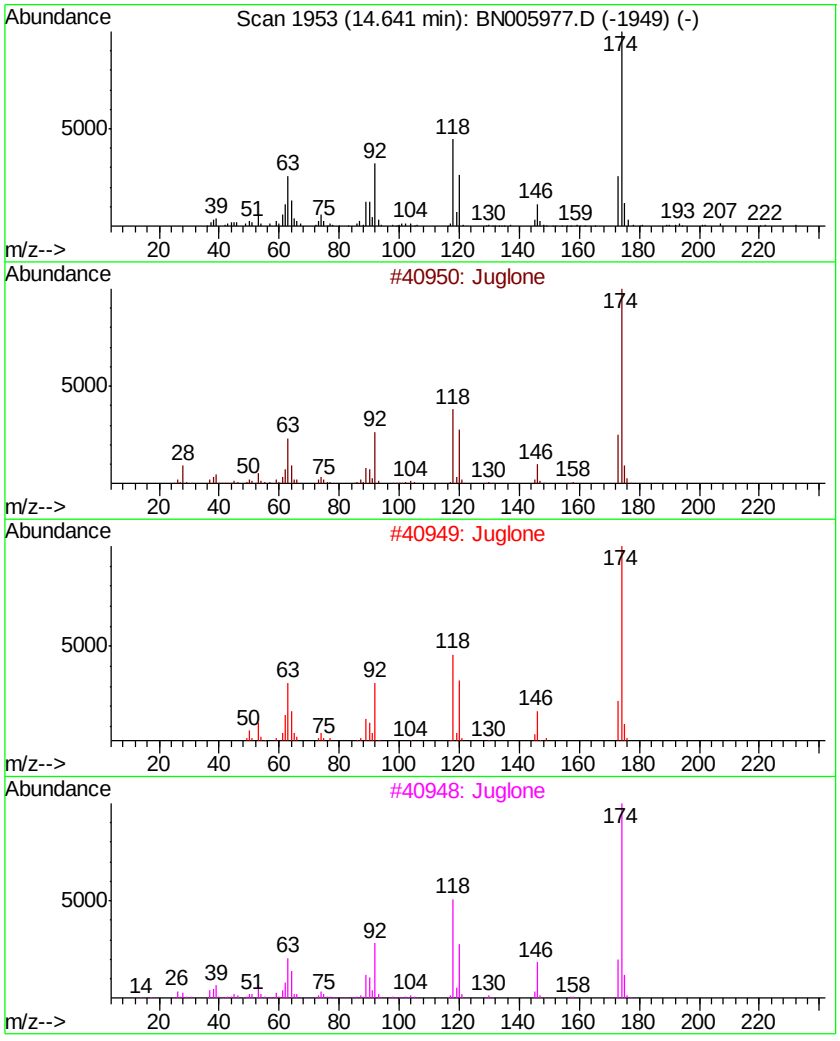
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

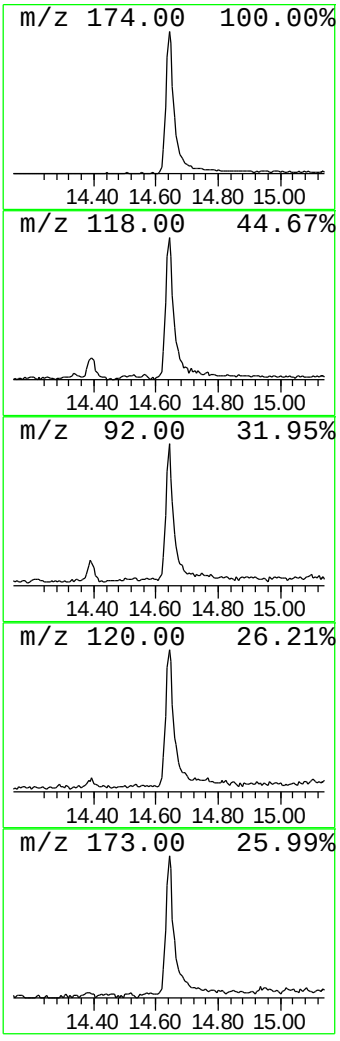
****

Peak Number 2 Juglone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.53 ng/ul	540677	Acenaphthene-d10	14.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Juglone	174	C10H6O3	000481-39-0	98
2	Juglone	174	C10H6O3	000481-39-0	94
3	Juglone	174	C10H6O3	000481-39-0	93
4	8-Quinolinol, 5-nitroso-	174	C9H6N2O2	003565-26-2	43
5	Benzene, 1,3-diisocyanato-2-methyl-	174	C9H6N2O2	000091-08-7	37





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ClientSampleId : A42B9

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Quant Title : SVOA CALIBRATION

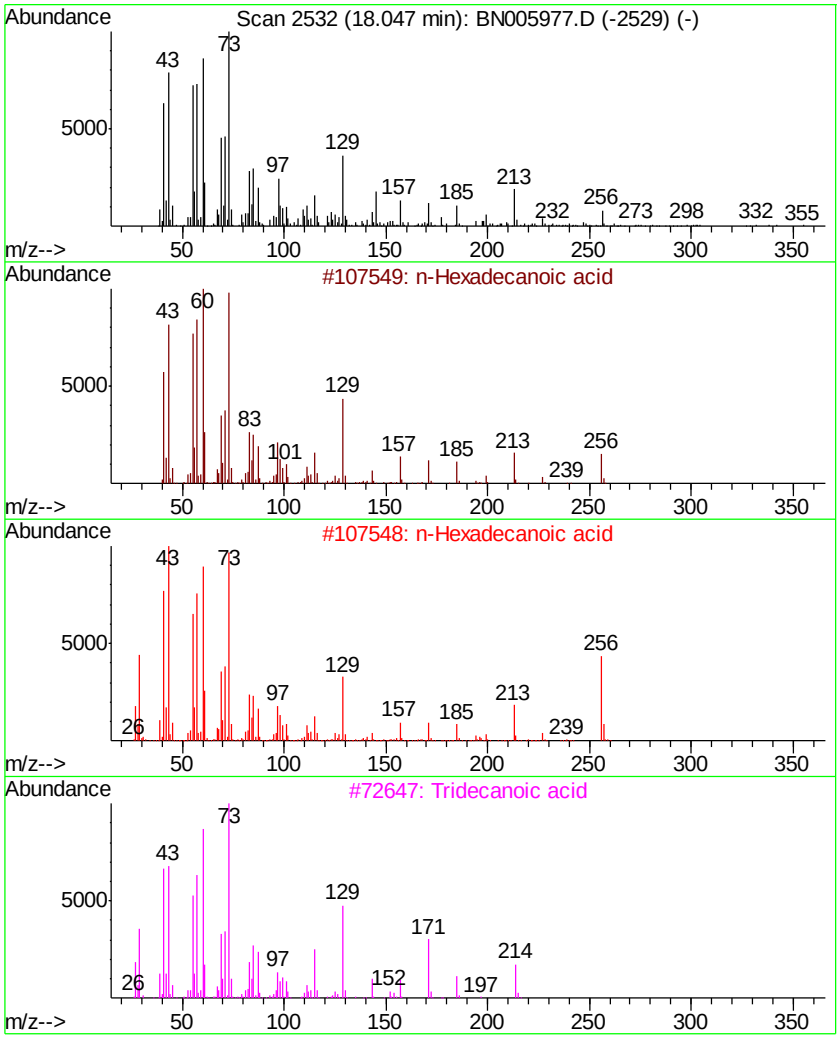
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

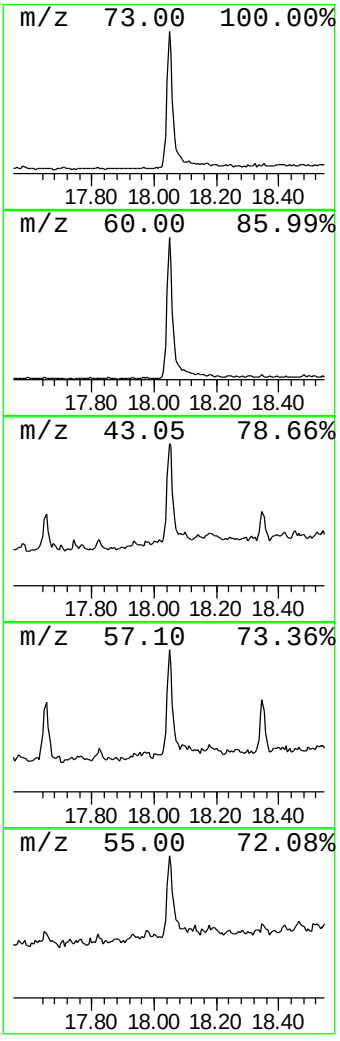
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	3.62 ng/ul	804783	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





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Misc :
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Instrument : BNA_N
ClientSampleId : A42B9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

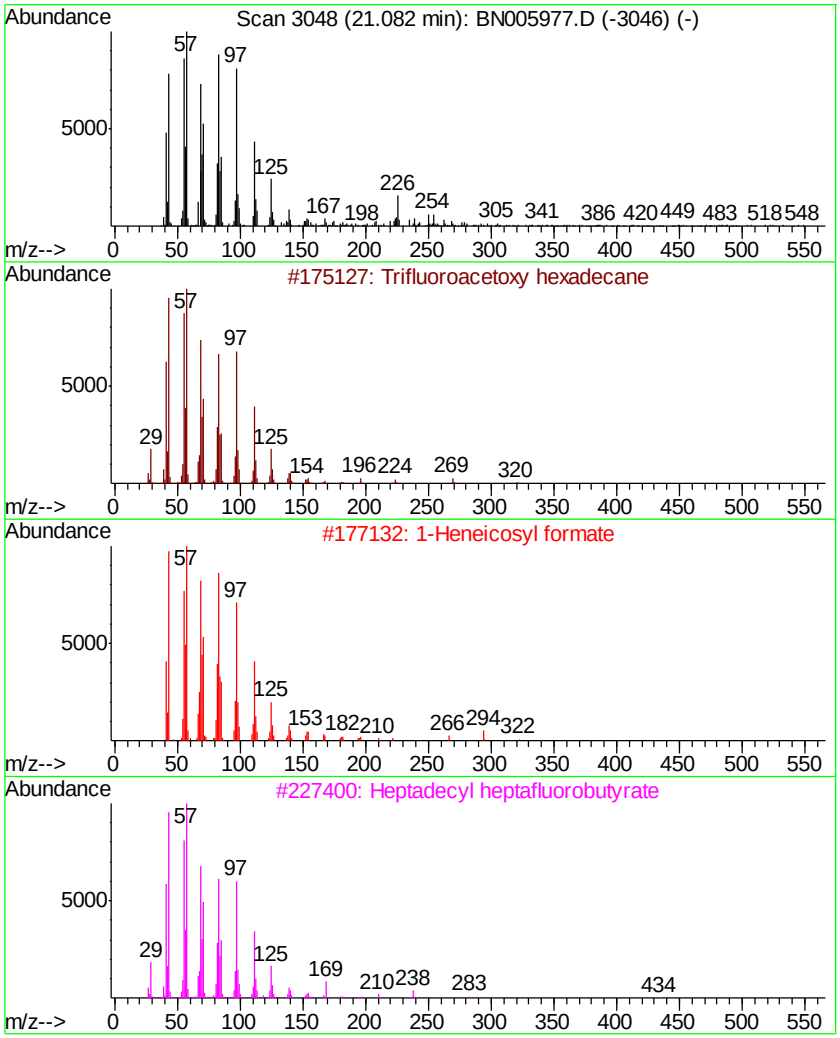
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

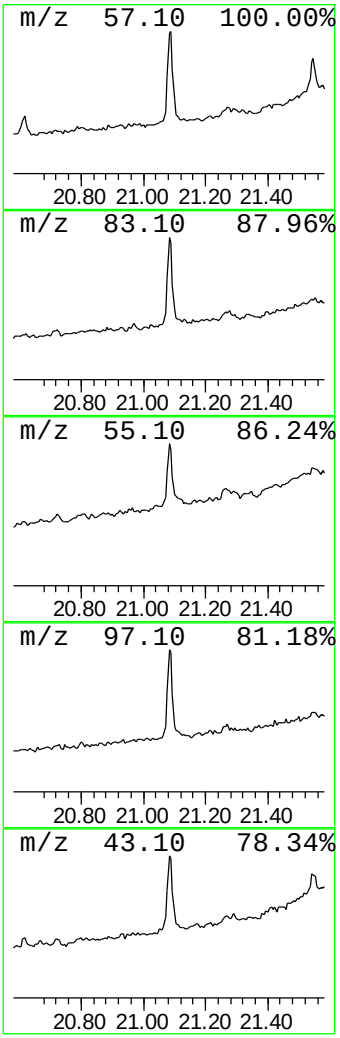
****

Peak Number 4 Trifluoroacetoxy hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	5.52 ng/ul	1191430	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_N
ClientSampleId : A42B9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.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
unknown3.76	3.76	2.5	ng/ul	374114	1	7.74	2954960	20.0
Juglone	14.64	2.5	ng/ul	540677	3	14.39	4272820	20.0
n-Hexadecanoic acid	18.05	3.6	ng/ul	804783	4	17.15	4442410	20.0
Trifluoroacetoxy ...	21.08	5.5	ng/ul	1191430	5	21.38	4319150	20.0