LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010129.D
Acq On : 06 Mar 2020 21:09
Operator : CG/JU
Sample : L1788-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5B37

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	3.005	35	37	41	rVB2	24679	29336	1.27%	0.135%
2	3.381	99	101	103	rBV	10457	9220	0.40%	0.042%
3	3.611	138	140	145	rBV	8996	9027	0.39%	0.041%
4	4.328	261	262	266	rBV	10555	12261	0.53%	0.056%
5	4.463	283	285	288	rBV	7453	8535	0.37%	0.039%
6	4.505	291	292	296	rBV	6968	8132	0.35%	0.037%
7	4.693	322	324	327	rBV	7115	8072	0.35%	0.037%
8	4.722	327	329	335	rVB2	12262	23451	1.01%	0.108%
9	5.075	387	389	393	rVB	13595	16868	0.73%	0.077%
10	5.181	406	407	410	rBV	9295	7348	0.32%	0.034%
11	5.369	436	439	440	rBV	10289	10321	0.45%	0.047%
12	5.393	440	443	447	rVB	13027	16717	0.72%	0.077%
13	5.593	476	477	479	rBV	10564	7864	0.34%	0.036%
14	5.799	509	512	514	rBV	8056	8352	0.36%	0.038%
15	5.822	514	516	518	rBV	7811	6902	0.30%	0.032%
16	5.946	534	537	539	rBV	5380	6602	0.29%	0.030%
17	6.010	547	548	551	rBV	7461	6885	0.30%	0.032%
18	6.057	554	556	559	rBV	7965	8890	0.38%	0.041%
19	6.175	574	576	578	rVB	10335	8113	0.35%	0.037%
20	6.299	592	597	601	rBV	36216	60169	2.60%	0.276%
21	6.399	610	614	616	rBV	8622	7820	0.34%	0.036%
22	6.569	639	643	651	rBV3	78428	159292	6.88%	0.731%
23	6.716	664	668	678	rBV	249125	397826	17.19%	1.826%
24	6.899	693	699	711	rBV	304704	521634	22.53%	2.394%
25	7.016	717	719	722	rVB	7949	6835	0.30%	0.031%
26	7.046	722	724	726	rBV	7097	6970	0.30%	0.032%
27	7.169	743	745	747	rBV	7932	7874	0.34%	0.036%
28	7.199	748	750	754	rVB	10649	9499	0.41%	0.044%
29	7.275	761	763	766	rVB	11969	9660	0.42%	0.044%
30	7.352	771	776	783	rVV	311029	508031	21.95%	2.332%
31	7.428	784	789	800	rVB	757989	1165879	50.37%	5.351%
32	7.552	808	810	813	rBV	8051	9135	0.39%	0.042%
33	8.075	895	899	912	rBV2	203649	380090	16.42%	1.744%
34	8.287	932	935	936	rBV	9259	10568	0.46%	0.049%

LSC Area Percent Report

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Sample : L1788-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5B37

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	8.310	936	939	940	rVV	6620	7463	0.32%	0.034%
36	8.422	955	958	961	rBV	8458	8339	0.36%	0.038%
37	8.499	966	971	978	rBV	336940	617162	26.66%	2.832%
38	8.693	994	1004	1011	rBV2	198853	416572	18.00%	1.912%
39	8.793	1019	1021	1023	rVB	11676	7642	0.33%	0.035%
40	8.846	1028	1030	1032	rVB	8916	8367	0.36%	0.038%
41	8.869	1032	1034	1035	rBV	8192	7325	0.32%	0.034%
42	9.110	1072	1075	1077	rBV	8135	8074	0.35%	0.037%
43	9.134	1077	1079	1082	rBV	6588	8219	0.36%	0.038%
44	9.210	1086	1092	1099	rBV	306861	549085	23.72%	2.520%
45	9.487	1137	1139	1141	rBV	10789	9303	0.40%	0.043%
46	9.569	1151	1153	1156	rVB	10578	11740	0.51%	0.054%
47	9.746	1178	1183	1192	rBV2	298762	604423	26.11%	2.774%
48	9.928	1212	1214	1216	rBV	7855	7110	0.31%	0.033%
49	10.046	1232	1234	1236	rBV	7720	7322	0.32%	0.034%
50	10.098	1237	1243	1254	rVV	413222	708154	30.59%	3.250%
51	10.187	1257	1258	1262	rBV	10028	12523	0.54%	0.057%
52	10.351	1285	1286	1290	rBV	10213	11053	0.48%	0.051%
53	10.422	1296	1298	1300	rBV	6873	6903	0.30%	0.032%
54	10.534	1316	1317	1321	rBV	6208	9259	0.40%	0.042%
55	10.722	1347	1349	1351	rBV	8793	8858	0.38%	0.041%
56	11.310	1446	1449	1453	rVB	7983	11393	0.49%	0.052%
57	11.340	1453	1454	1457	rVV	7538	8271	0.36%	0.038%
58	11.410	1461	1466	1468	rVB3	16942	27664	1.20%	0.127%
59	12.098	1581	1583	1585	rBV	7857	9589	0.41%	0.044%
60	12.240	1603	1607	1608	rBV	7396	8131	0.35%	0.037%
61	12.398	1632	1634	1637	rVB	9218	7140	0.31%	0.033%
62	12.557	1659	1661	1664	rBV	9391	8335	0.36%	0.038%
63	12.757	1693	1695	1696	rBV	9589	7776	0.34%	0.036%
64	12.828	1704	1707	1712	rBV	7888	11961	0.52%	0.055%
65	13.075	1747	1749	1750	rBV	7683	6598	0.29%	0.030%
66	13.222	1772	1774	1775	rBV	9285	8704	0.38%	0.040%
67	13.428	1804	1809	1815	rBV	842756	1240692	53.60%	5.694%
68	13.681	1847	1852	1860	rBV	844712	1267563	54.76%	5.817%
69	13.998	1900	1906	1915	rVB	633834	921776	39.82%	4.230%
70	14.869	2052	2054	2055	rBV	9686	6856	0.30%	0.031%
71	15.004	2072	2077	2089	rBV	1179329	1854846	80.13%	8.513%

LSC Area Percent Report

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Misc :
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Instrument : BNA_N
ClientSampleId : C5B37

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	15.175	2101	2106	2114	rBV	409287	676674	29.23%	3.106%
73	16.757	2370	2375	2385	rBV	741982	1095401	47.32%	5.027%
74	16.863	2387	2393	2403	rVV	1331383	2040422	88.15%	9.364%
75	17.692	2530	2534	2543	rBV3	147786	252752	10.92%	1.160%
76	19.174	2780	2786	2794	rBV	1664913	2314820	100.00%	10.624%
77	20.721	3046	3049	3056	rBV3	207312	278767	12.04%	1.279%
78	20.986	3090	3094	3101	rBV	852915	1147102	49.55%	5.265%
79	22.951	3423	3428	3433	rBV	1292763	2067061	89.30%	9.487%

Sum of corrected areas: 21789368

LSC Report - Integrated Chromatogram

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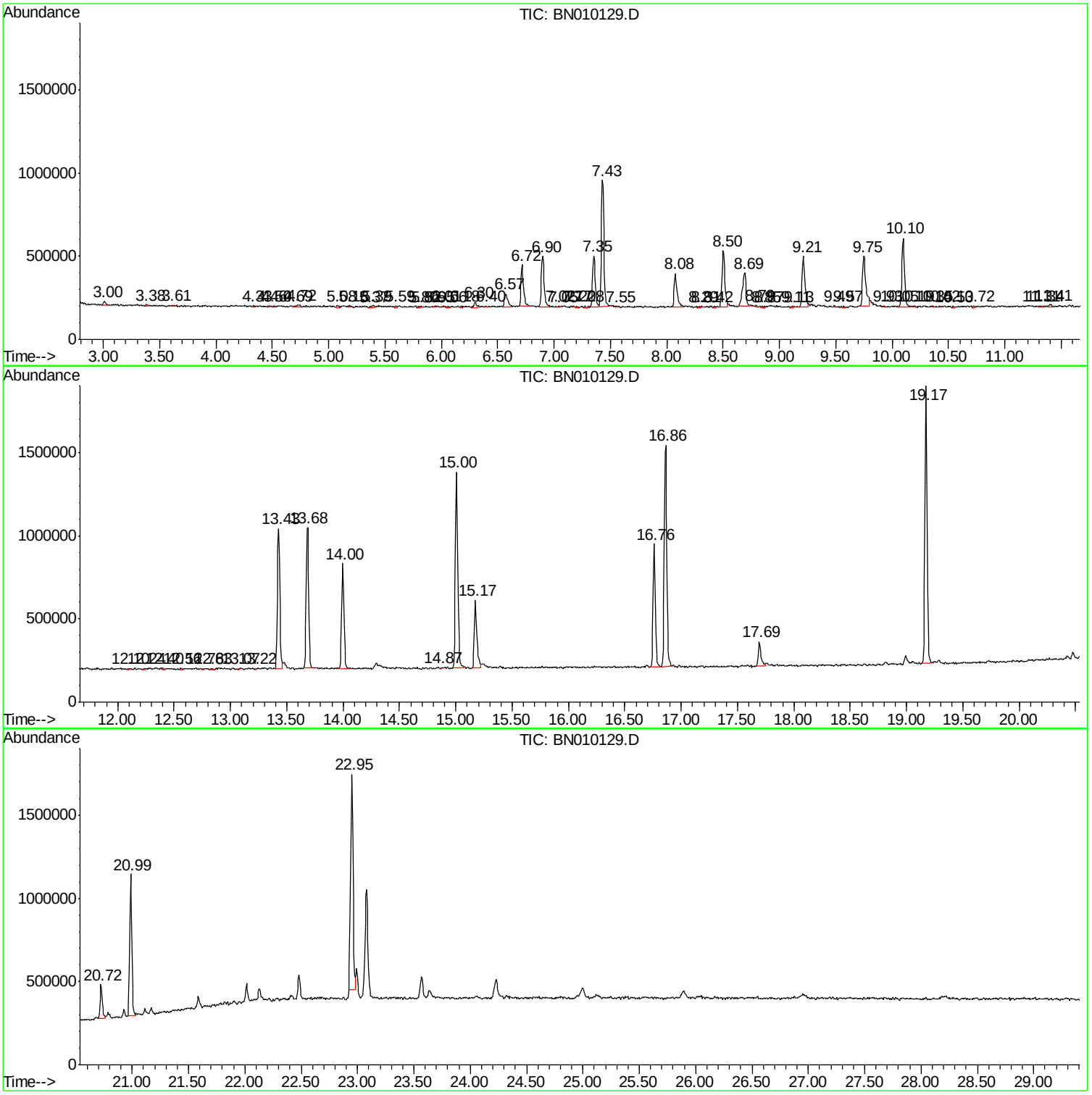
Operator : CG/JU
Sample : L1788-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5B37

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010129.D
Acq On : 06 Mar 2020 21:09
Operator : CG/JU
Sample : L1788-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5B37

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

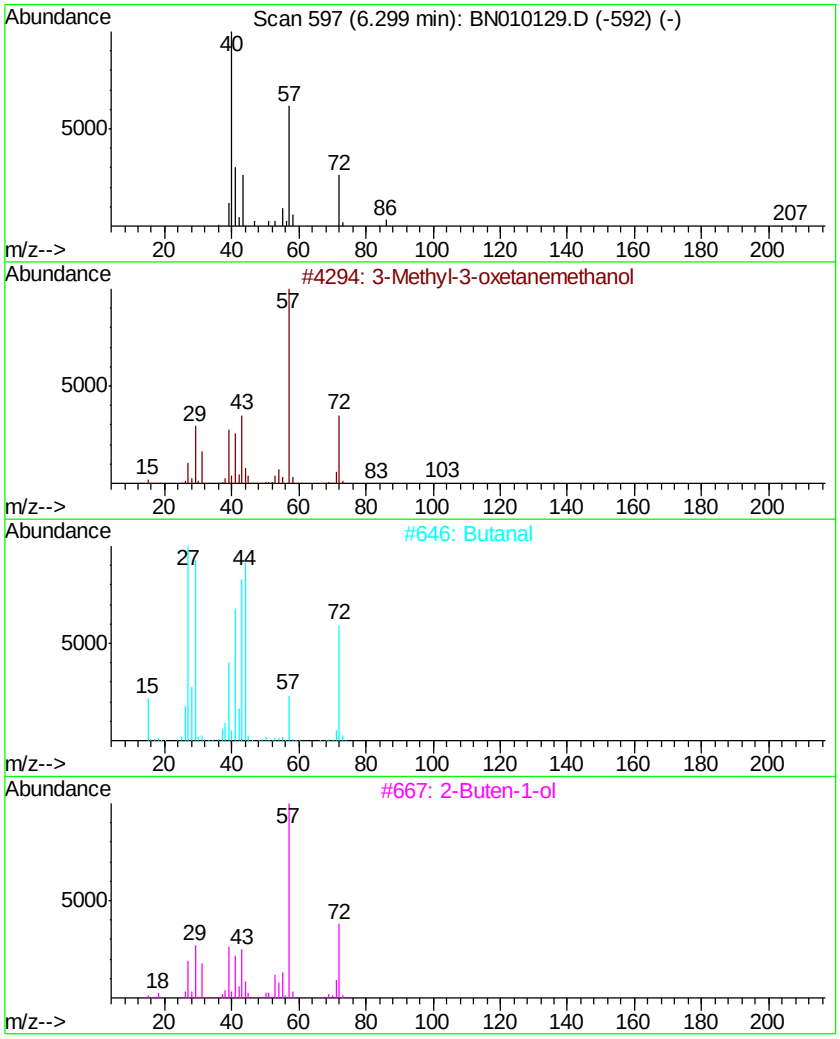
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

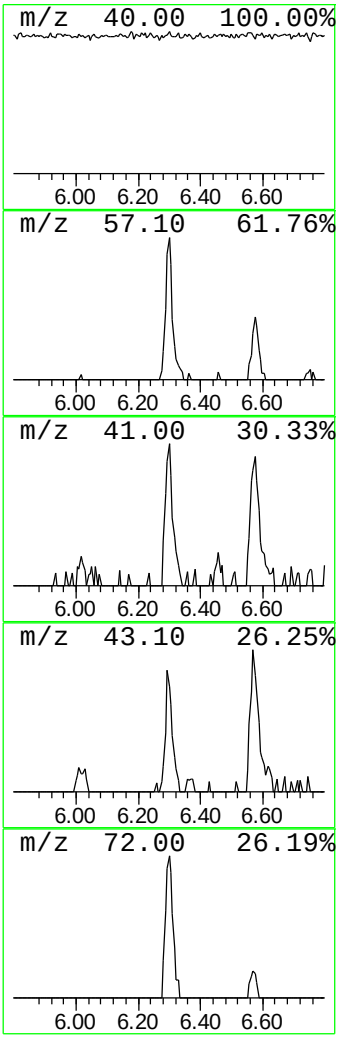
****

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	2.37 ng/ul	60169	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-3-oxetanemethanol	102	C5H10O2	003143-02-0	39
2	Butanal	72	C4H8O	000123-72-8	38
3	2-Buten-1-ol	72	C4H8O	006117-91-5	9
4	2-Propen-1-ol, 2-methyl-	72	C4H8O	000513-42-8	9
5	2-Propen-1-ol, 2-methyl-	72	C4H8O	000513-42-8	9





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : C5B37

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

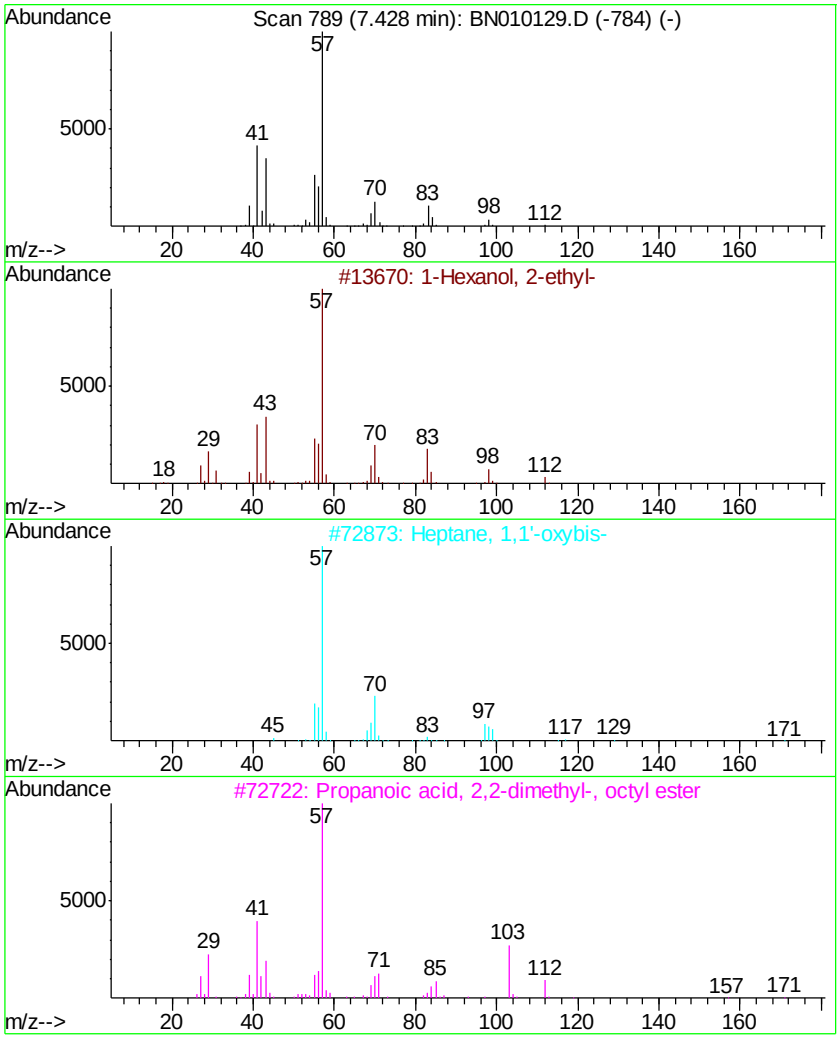
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

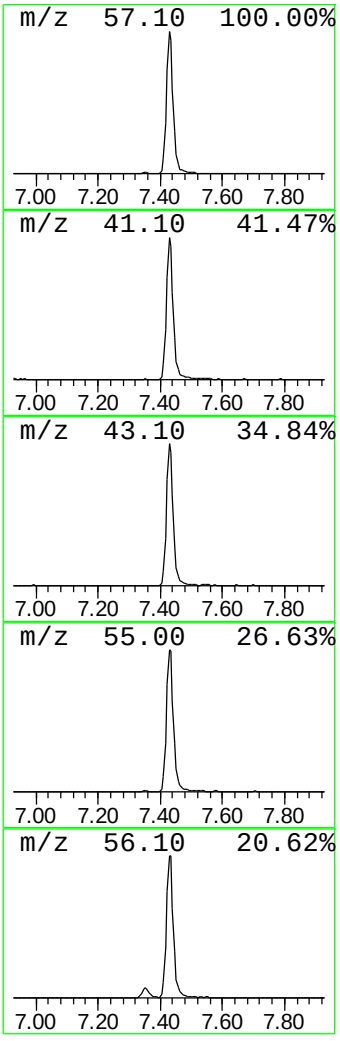
****

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	45.90 ng/ul	1165880	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	64
3	Propanoic acid, 2,2-dimethyl-, o...	214	C13H26O2	027751-88-8	53
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
5	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	50





Library Search Compound Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5B37

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

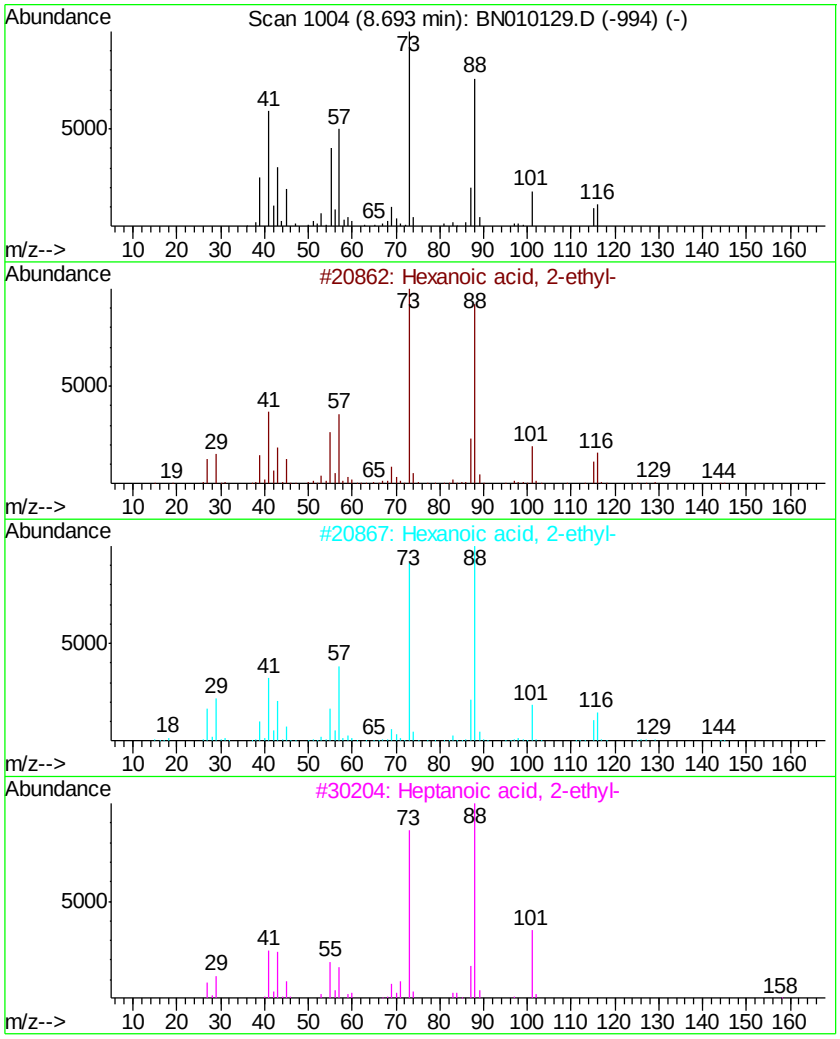
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

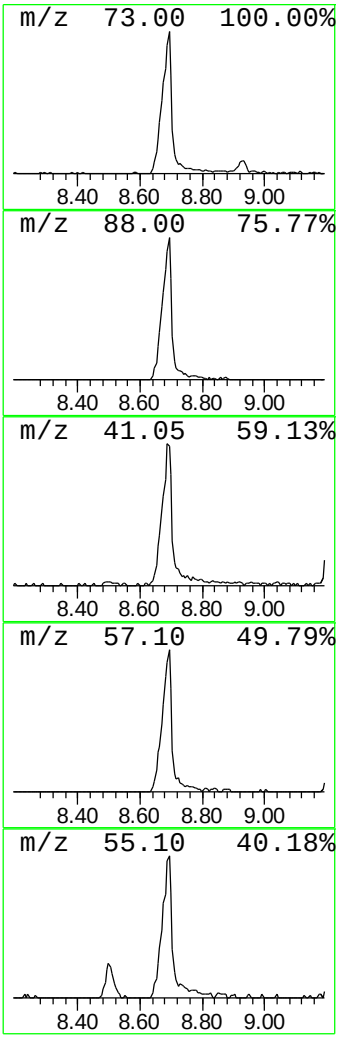
****

Peak Number 3 Hexanoic acid, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	16.40 ng/ul	416572	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	80
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	50
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50
5	Cyclohexaneacetic acid, .alpha.-...	170	C10H18O2	006051-00-9	47





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Instrument : BNA_N
ClientSampleId : C5B37

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

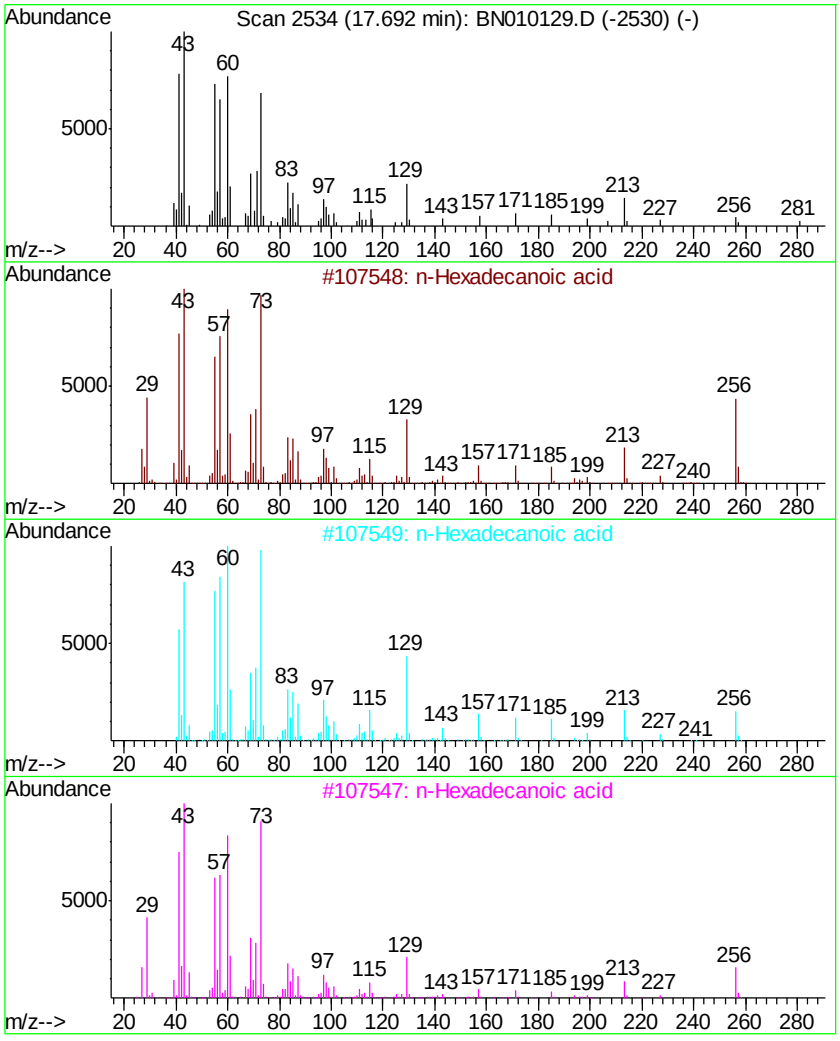
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

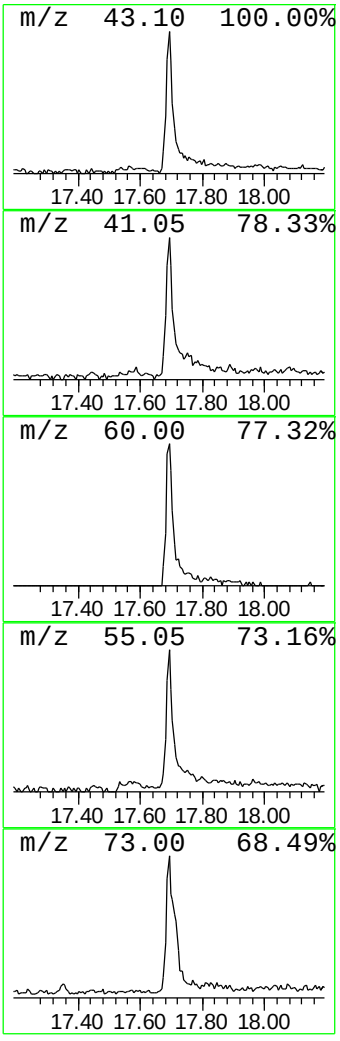
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	4.61 ng/ul	252752	Phenanthrene-d10	16.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





Library Search Compound Report

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Misc :
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Instrument : BNA_N
ClientSampleId : C5B37

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

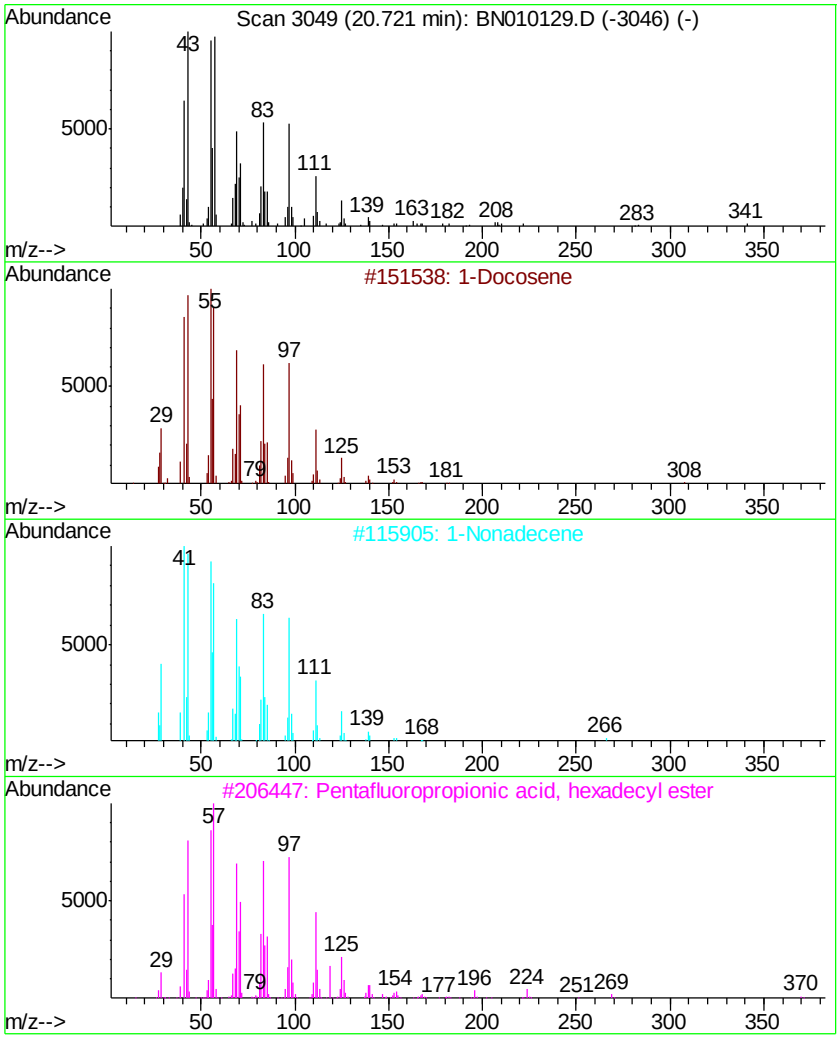
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

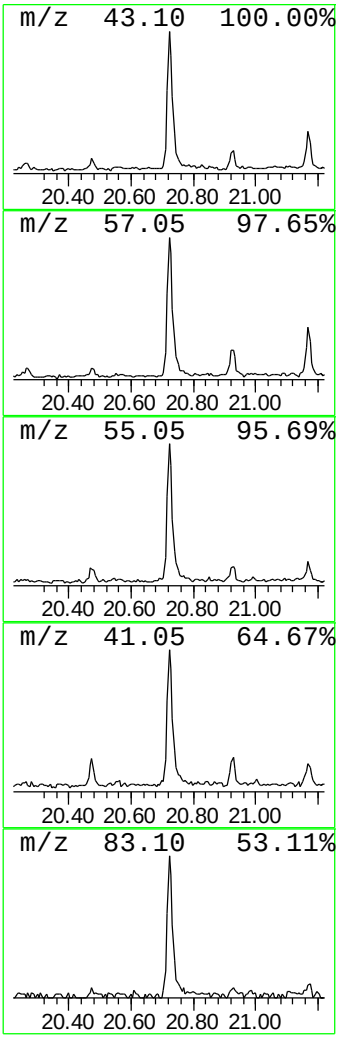
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	4.86 ng/ul	278767	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
5	Cyclotetracosane	336	C24H48	000297-03-0	91





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_N
ClientSampleId : C5B37

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
unknown-01	6.30	2.4	ng/ul	60169	1	7.35	508031	20.0
1-Hexanol, 2-ethyl-	7.43	45.9	ng/ul	1165880	1	7.35	508031	20.0
Hexanoic acid, 2-...	8.69	16.4	ng/ul	416572	1	7.35	508031	20.0
n-Hexadecanoic acid	17.69	4.6	ng/ul	252752	4	16.76	1095400	20.0
(DEL) Alkane: Str...	20.72	4.9	ng/ul	278767	5	20.99	1147100	20.0