LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028430.D
Acq On : 18 Jan 2021 18:08
Operator : CG/JU
Sample : M1099-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1C12

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_M\METHODS\SOM-EPA-BM011621MA.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	3.340	22	26	32	rVB	11119	14990	2.16%	0.162%
2	3.651	76	79	87	rBV	7347	11665	1.68%	0.126%
3	4.022	136	142	144	rBV3	2510	4438	0.64%	0.048%
4	4.134	157	161	169	rVB3	4935	8030	1.16%	0.087%
5	4.693	251	256	260	rBV	8082	11515	1.66%	0.124%
6	5.328	359	364	371	rBV	35964	54460	7.86%	0.588%
7	6.045	482	486	491	rBV4	1929	3624	0.52%	0.039%
8	6.134	497	501	506	rBV3	2613	3978	0.57%	0.043%
9	6.540	565	570	574	rVB	3905	5824	0.84%	0.063%
10	7.063	654	659	665	rVB4	4731	7910	1.14%	0.085%
11	7.239	683	689	699	rVB	180323	313999	45.31%	3.392%
12	7.410	710	718	728	rVB	133668	212017	30.59%	2.290%
13	7.610	746	752	759	rVV	184441	298443	43.06%	3.224%
14	7.681	759	764	775	rVB	24879	42910	6.19%	0.464%
15	7.869	793	796	800	rBV2	3079	4620	0.67%	0.050%
16	7.975	808	814	819	rBV2	9744	14624	2.11%	0.158%
17	8.086	822	833	838	rBV	133069	216077	31.18%	2.334%
18	8.310	866	871	878	rVB2	4536	7887	1.14%	0.085%
19	8.622	918	924	927	rBV3	3557	6486	0.94%	0.070%
20	8.751	941	946	948	rBV	3370	4375	0.63%	0.047%
21	8.798	948	954	964	rVB	209902	332318	47.95%	3.590%
22	9.181	1011	1019	1026	rVV5	16913	32940	4.75%	0.356%
23	9.263	1026	1033	1039	rVV	158704	259791	37.49%	2.806%
24	9.316	1039	1042	1046	rVV2	3277	4720	0.68%	0.051%
25	9.363	1046	1050	1054	rVB3	2092	2835	0.41%	0.031%
26	9.422	1054	1060	1064	rBV4	2853	4627	0.67%	0.050%
27	9.645	1094	1098	1104	rBV4	3180	6111	0.88%	0.066%
28	9.986	1145	1156	1164	rBV	134068	220417	31.81%	2.381%
29	10.198	1188	1192	1195	rVV2	2566	3422	0.49%	0.037%
30	10.528	1241	1248	1257	rVB	208734	336832	48.60%	3.639%
31	10.680	1269	1274	1278	rBV3	2129	3829	0.55%	0.041%
32	10.863	1300	1305	1307	rVV3	3280	5316	0.77%	0.057%
33	10.910	1307	1313	1319	rVV	171963	276614	39.91%	2.988%
34	10.963	1319	1322	1326	rVV2	1792	2551	0.37%	0.028%

LSC Area Percent Report

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Operator : CG/JU
Sample : M1099-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1C12

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_M\METHODS\SOM-EPA-BM011621MA.M
Title : SVOA CALIBRATION

35	11.045	1327	1336	1344	rVV	192643	325216	46.93%	3.513%
36	11.233	1362	1368	1374	rBV	96667	151377	21.84%	1.635%
37	11.675	1439	1443	1447	rVB4	2124	2809	0.41%	0.030%
38	11.910	1478	1483	1492	rVV7	4839	13426	1.94%	0.145%
39	12.304	1545	1550	1554	rBV2	3140	4688	0.68%	0.051%
40	12.486	1575	1581	1585	rVV3	2881	4719	0.68%	0.051%
41	12.557	1591	1593	1600	rBV3	1641	2360	0.34%	0.025%
42	12.774	1626	1630	1634	rBV2	2842	4804	0.69%	0.052%
43	12.933	1651	1657	1661	rBV3	1302	2287	0.33%	0.025%
44	13.086	1678	1683	1687	rBV2	5411	8864	1.28%	0.096%
45	13.245	1705	1710	1715	rVB6	2158	3792	0.55%	0.041%
46	13.327	1720	1724	1730	rVB	8896	13242	1.91%	0.143%
47	13.563	1761	1764	1768	rVB	2830	3355	0.48%	0.036%
48	13.610	1768	1772	1776	rBV	2795	3618	0.52%	0.039%
49	13.780	1796	1801	1806	rVB	35039	49342	7.12%	0.533%
50	14.045	1842	1846	1852	rBV3	2406	3785	0.55%	0.041%
51	14.127	1854	1860	1865	rVV	299908	409532	59.09%	4.424%
52	14.174	1865	1868	1874	rVB	22906	30221	4.36%	0.326%
53	14.363	1895	1900	1904	rBV4	3465	5755	0.83%	0.062%
54	14.421	1904	1910	1921	rVB	361517	533849	77.03%	5.767%
55	14.727	1954	1962	1969	rVV	221597	330304	47.66%	3.568%
56	14.792	1969	1973	1978	rVV	9366	14366	2.07%	0.155%
57	14.857	1979	1984	1987	rVV	5168	5980	0.86%	0.065%
58	14.910	1987	1993	2002	rVV	138079	197855	28.55%	2.137%
59	15.115	2022	2028	2032	rBV5	4156	6142	0.89%	0.066%
60	15.280	2052	2056	2062	rBV5	1409	3219	0.46%	0.035%
61	15.392	2070	2075	2078	rBV5	1621	2395	0.35%	0.026%
62	15.468	2085	2088	2091	rBV3	1853	2645	0.38%	0.029%
63	15.504	2091	2094	2096	rVV3	3346	3654	0.53%	0.039%
64	15.710	2123	2129	2135	rBV	419088	597793	86.26%	6.457%
65	15.768	2135	2139	2144	rVV2	5212	7390	1.07%	0.080%
66	15.827	2144	2149	2157	rVV	109246	146133	21.09%	1.579%
67	15.945	2164	2169	2174	rVV4	4670	7393	1.07%	0.080%
68	16.057	2184	2188	2192	rVB5	1676	3161	0.46%	0.034%
69	16.168	2204	2207	2211	rBV4	1784	2891	0.42%	0.031%
70	16.409	2244	2248	2249	rBV3	1893	2289	0.33%	0.025%
71	16.427	2249	2251	2256	rVB5	3097	3639	0.53%	0.039%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : F1C12

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_M\METHODS\SOM-EPA-BM011621MA.M
Title : SVOA CALIBRATION

72	16.480	2256	2260	2263	rVB4	2861	3540	0.51%	0.038%
73	16.533	2265	2269	2274	rBV5	1341	2355	0.34%	0.025%
74	16.586	2274	2278	2283	rVB6	2310	2989	0.43%	0.032%
75	16.762	2303	2308	2312	rVB2	12649	16064	2.32%	0.174%
76	16.904	2328	2332	2333	rBV3	2210	2671	0.39%	0.029%
77	17.186	2375	2380	2384	rBV5	5142	8696	1.25%	0.094%
78	17.239	2385	2389	2392	rVB3	3459	4464	0.64%	0.048%
79	17.356	2402	2409	2411	rBV6	1670	3019	0.44%	0.033%
80	17.451	2419	2425	2430	rBV	243589	346218	49.96%	3.740%
81	17.492	2430	2432	2436	rVV	20202	24908	3.59%	0.269%
82	17.551	2436	2442	2453	rVB2	431117	607767	87.70%	6.565%
83	17.692	2463	2466	2468	rBV3	2945	3342	0.48%	0.036%
84	17.727	2470	2472	2476	rVB4	2076	2619	0.38%	0.028%
85	17.809	2482	2486	2488	rBV3	1699	2369	0.34%	0.026%
86	18.021	2519	2522	2526	rBV6	1711	2760	0.40%	0.030%
87	18.315	2567	2572	2583	rBV	88464	125012	18.04%	1.350%
88	18.439	2591	2593	2599	rVB7	2746	3956	0.57%	0.043%
89	18.515	2600	2606	2610	rVV4	12739	22320	3.22%	0.241%
90	18.609	2619	2622	2625	rBV4	1853	2912	0.42%	0.031%
91	18.662	2627	2631	2634	rBV6	3128	5327	0.77%	0.058%
92	19.074	2698	2701	2705	rVB4	4434	5784	0.83%	0.062%
93	19.486	2763	2771	2774	rBV3	26591	43422	6.27%	0.469%
94	19.574	2782	2786	2793	rBV	40389	53080	7.66%	0.573%
95	19.703	2806	2808	2811	rBV3	4004	4696	0.68%	0.051%
96	19.815	2822	2827	2831	rBV2	500181	693015	100.00%	7.486%
97	21.274	3071	3075	3079	rBV	133416	162188	23.40%	1.752%
98	21.574	3122	3126	3131	rBV	301667	378098	54.56%	4.084%
99	23.750	3489	3496	3507	rVB	369800	690888	99.69%	7.463%
100	23.897	3515	3521	3529	rVB2	196640	378455	54.61%	4.088%

Sum of corrected areas: 9257419

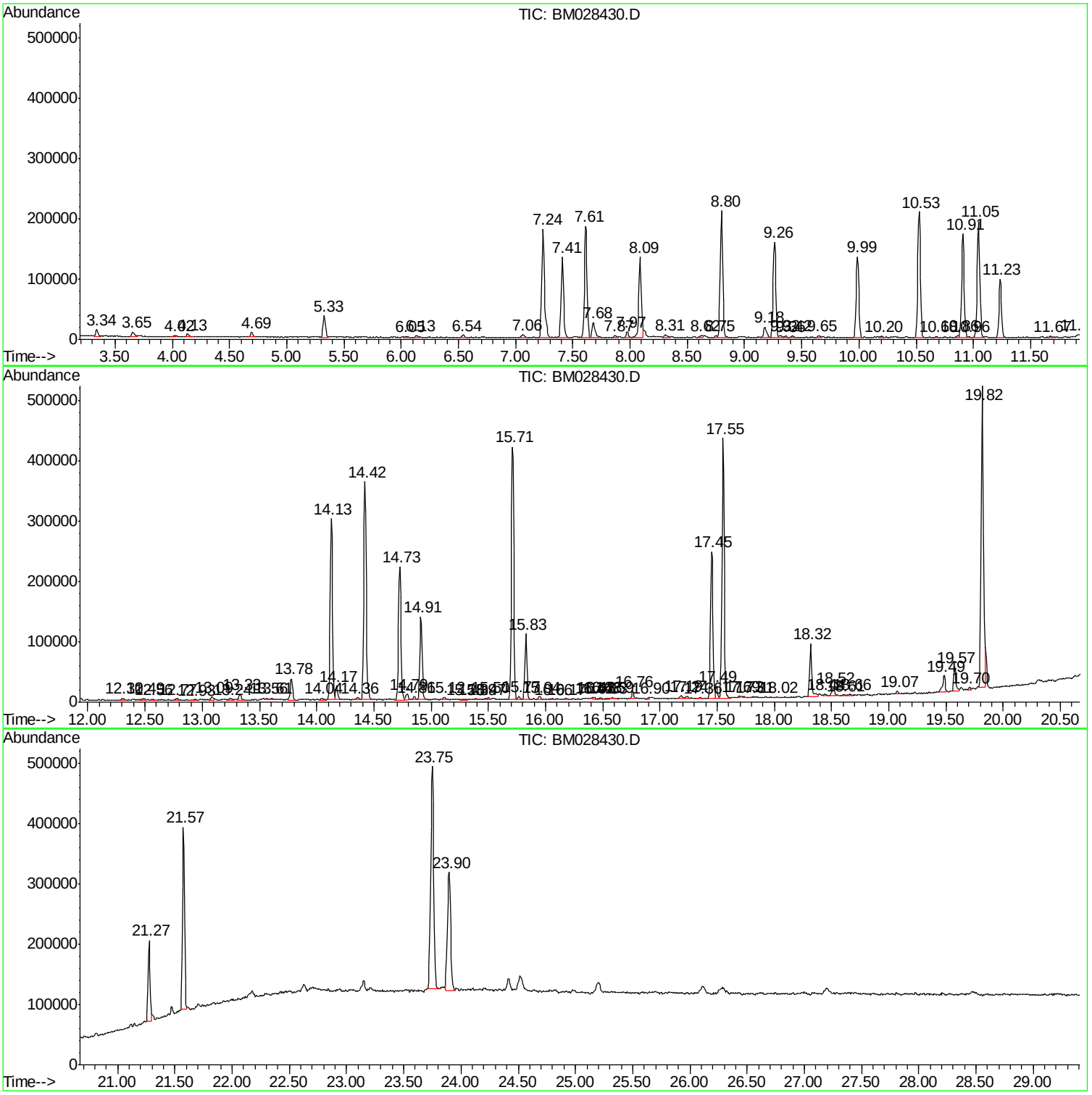
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028430.D
Acq On : 18 Jan 2021 18:08
Operator : CG/JU
Sample : M1099-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1C12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.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 M\DATA\BM011821\
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Instrument : BNA_M
ClientSampleId : F1C12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

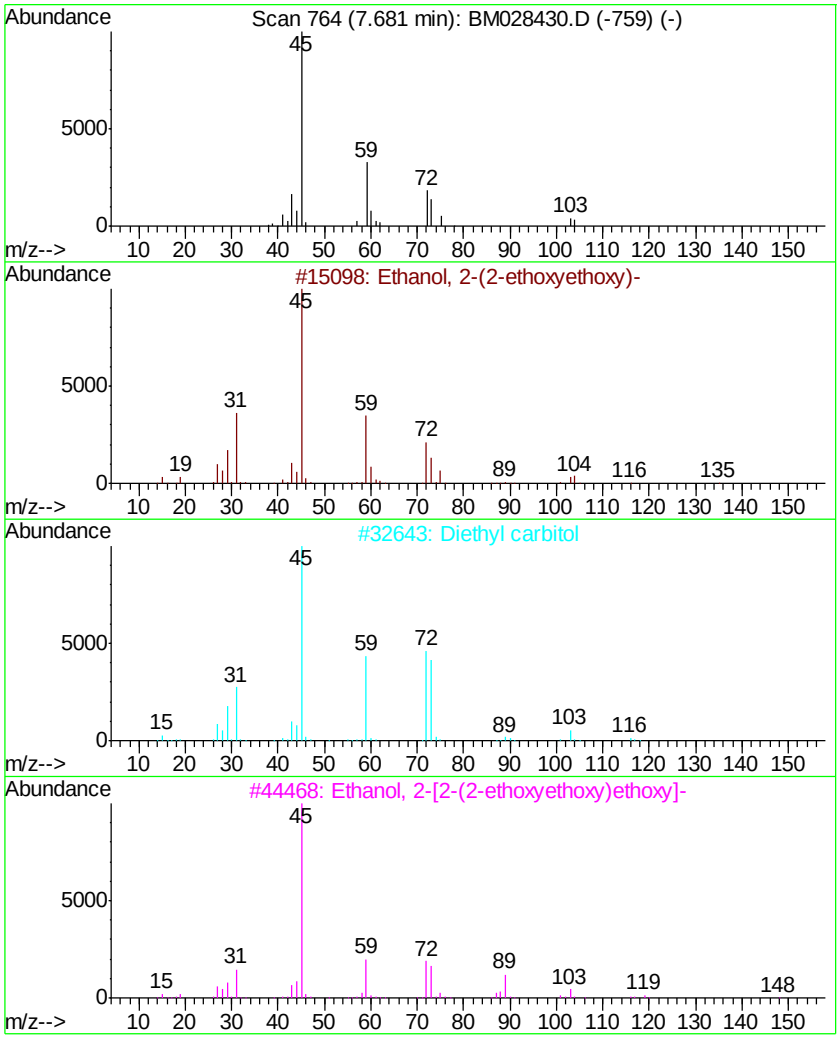
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

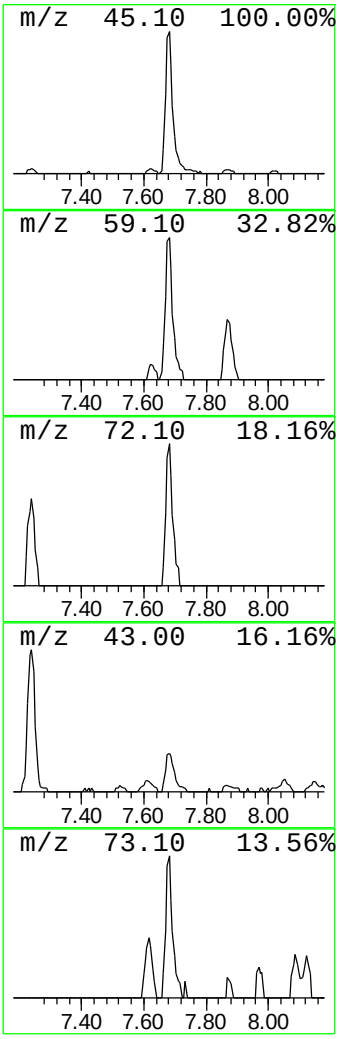
****

Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	3.97 ng/ul	42910	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	56
4	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	56
5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028430.D
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Sample : M1099-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1C12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

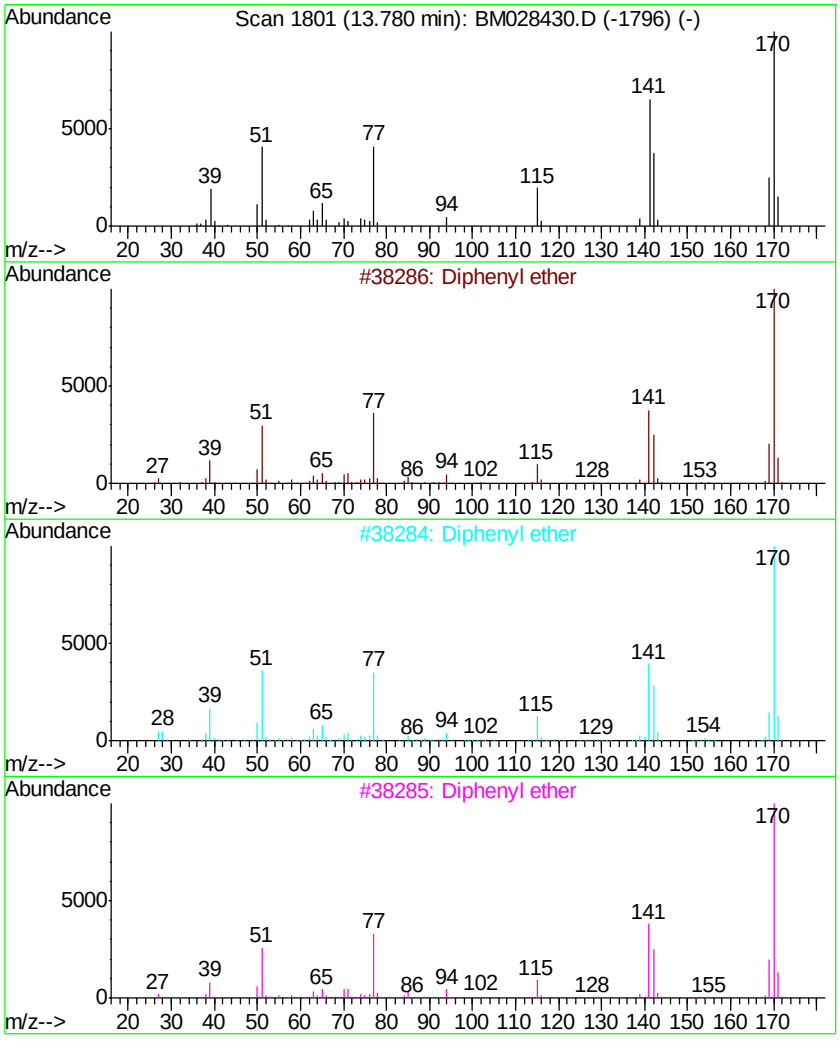
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

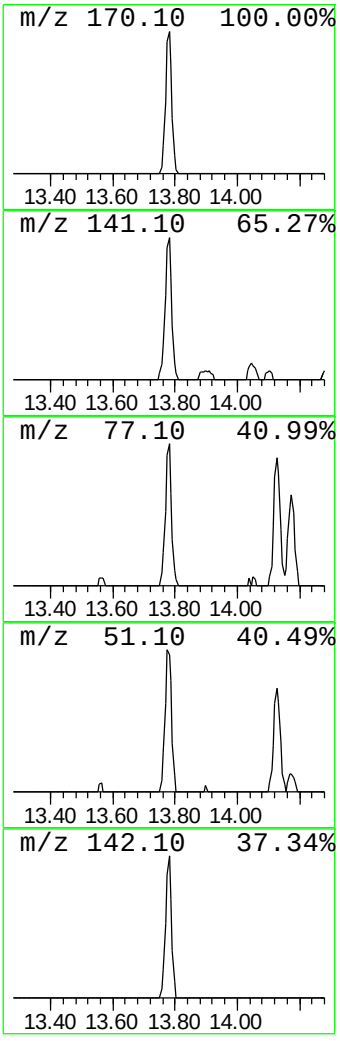
****

Peak Number 3 Diphenyl ether Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	2.99 ng/ul	49342	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	90
2	Diphenyl ether	170	C12H10O	000101-84-8	87
3	Diphenyl ether	170	C12H10O	000101-84-8	72
4	Diphenyl ether	170	C12H10O	000101-84-8	68
5	Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	53





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Quant Title : SVOA CALIBRATION

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

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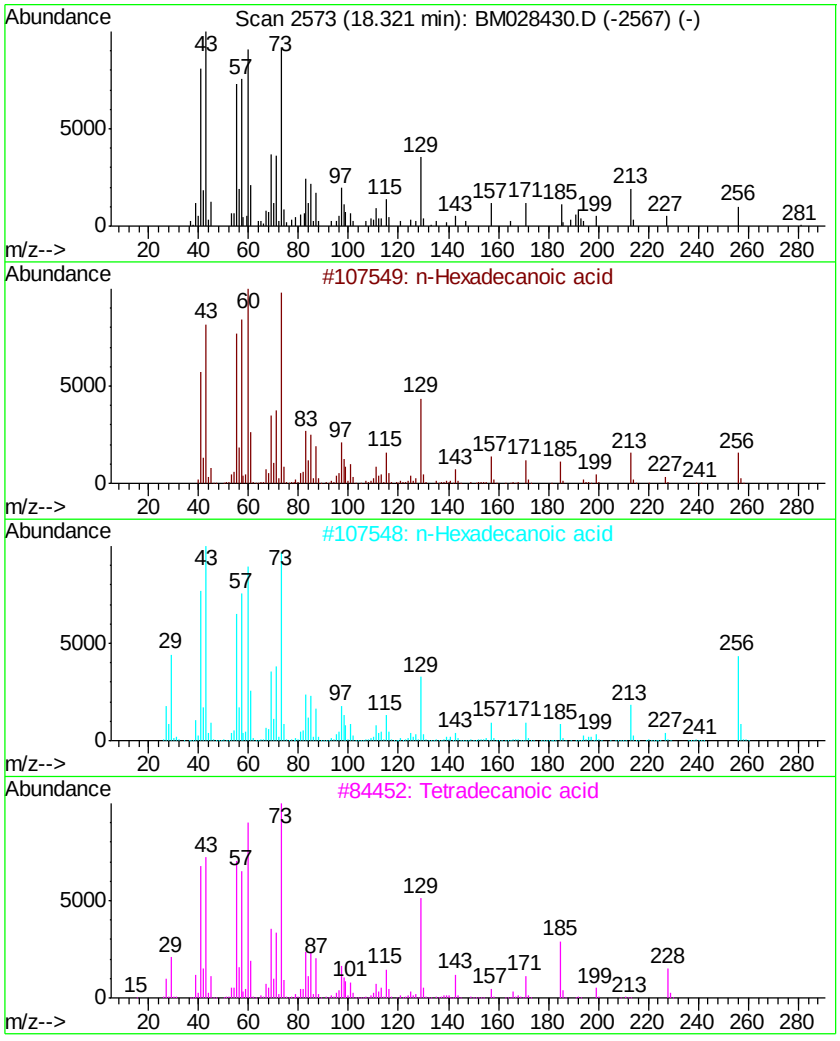
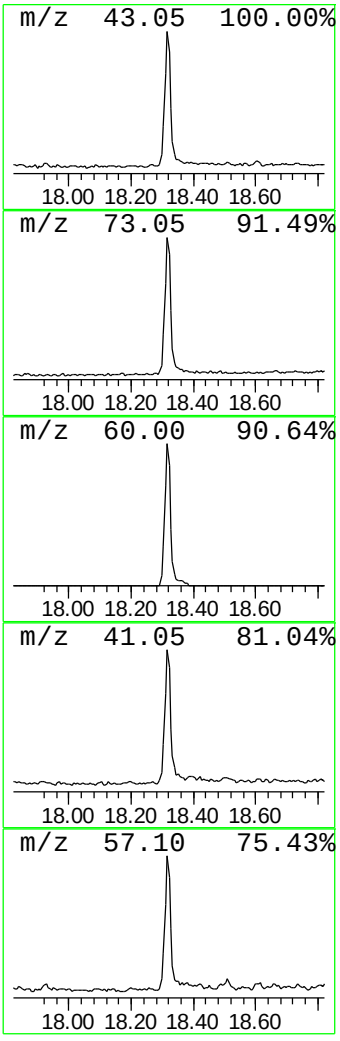
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	7.22 ng/ul	125012	Phenanthrene-d10	17.45

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	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : F1C12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

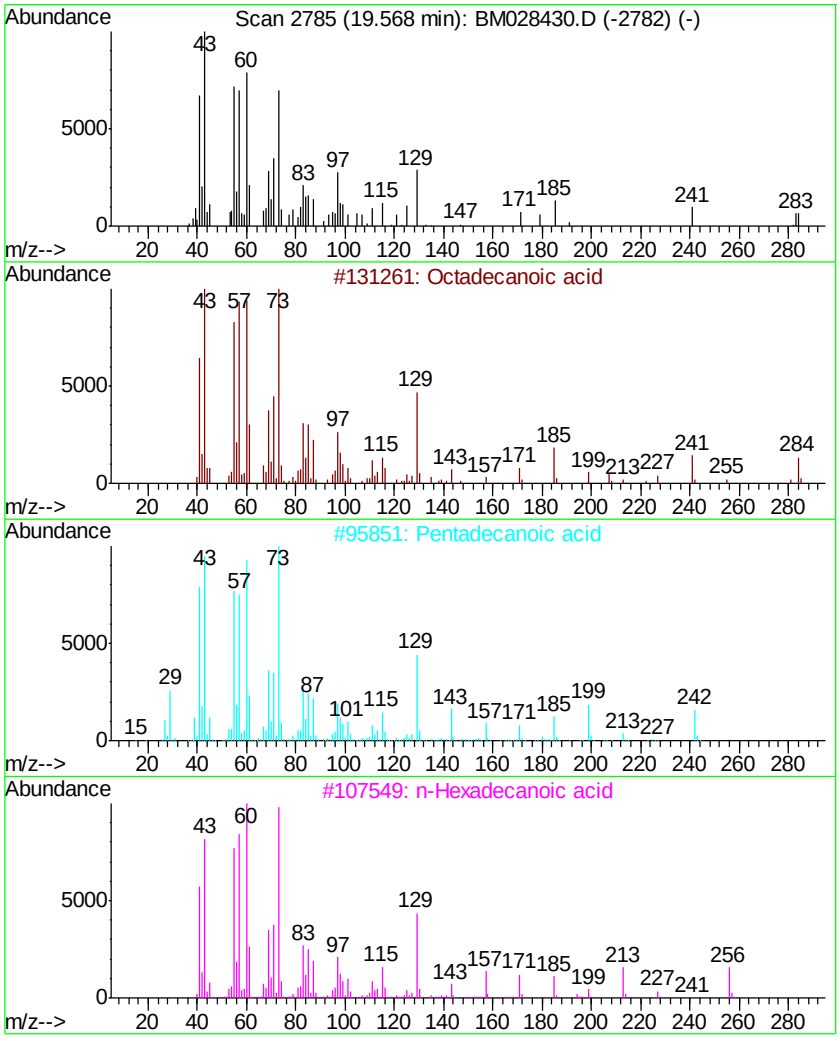
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

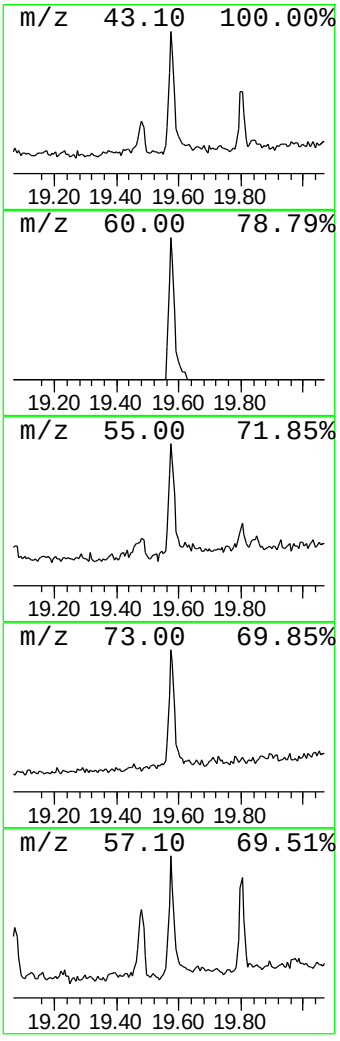
****

Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	2.81 ng/ul	53080	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





Library Search Compound Report

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Operator : CG/JU
Sample : M1099-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1C12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

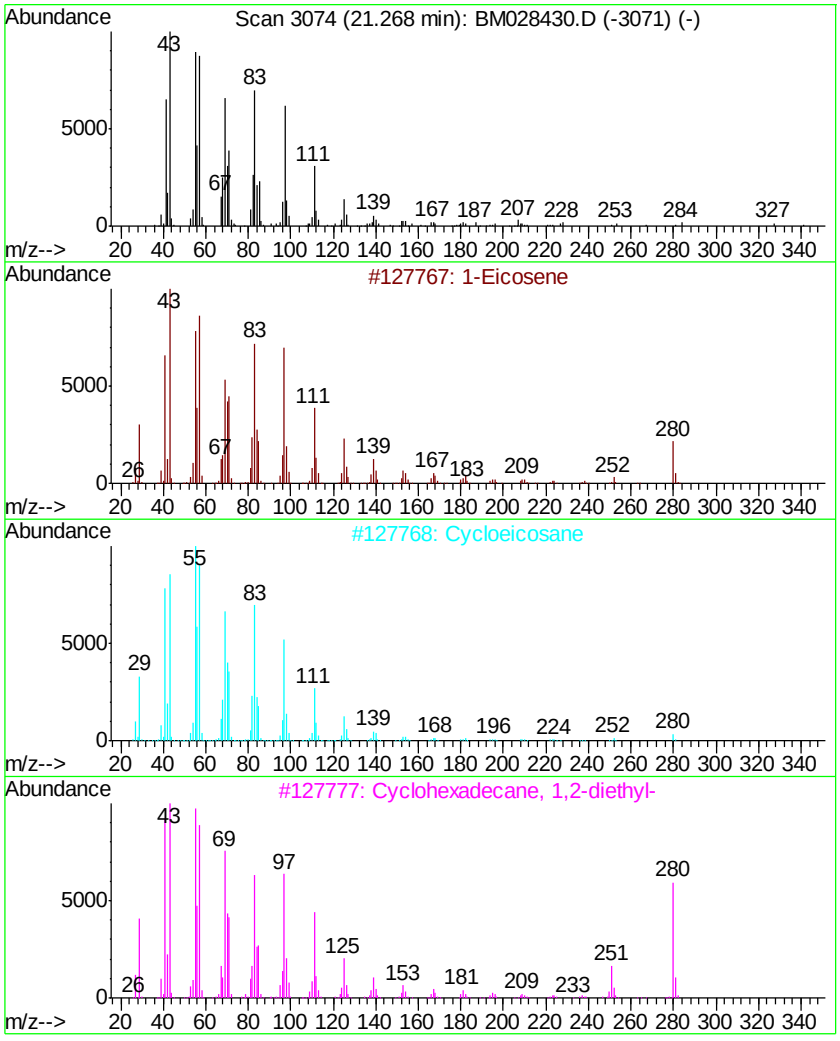
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

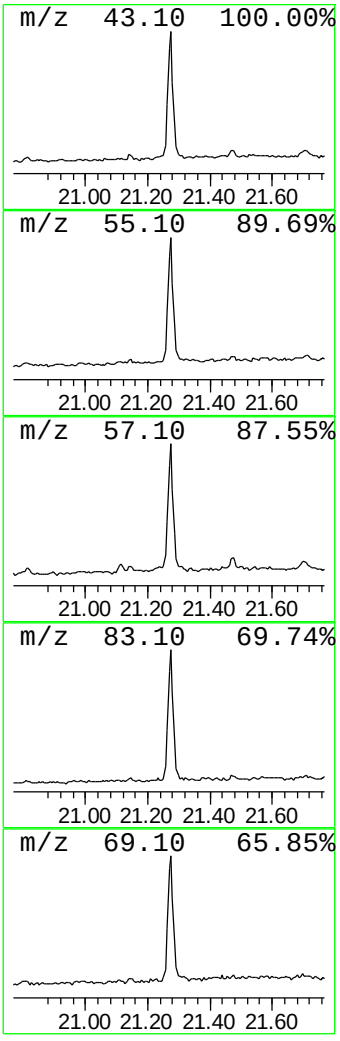
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	8.58 ng/ul	162188	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	97
2	Cycloeicosane	280	C20H40	000296-56-0	97
3	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	96
4	Cyclotetracosane	336	C24H48	000297-03-0	95
5	1-Docosene	308	C22H44	001599-67-3	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011821\
Data File : BM028430.D
Acq On : 18 Jan 2021 18:08
Operator : CG/JU
Sample : M1099-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1C12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.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
Ethanol, 2-(2-eth...	7.68	4.0	ng/ul	42910	1	8.09	216077	20.0
Diphenyl ether	13.78	3.0	ng/ul	49342	3	14.73	330304	20.0
n-Hexadecanoic acid	18.32	7.2	ng/ul	125012	4	17.45	346218	20.0
Octadecanoic acid	19.57	2.8	ng/ul	53080	5	21.57	378098	20.0
(DEL) Alkane: Str...	21.27	8.6	ng/ul	162188	5	21.57	378098	20.0