LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028433.D
Acq On : 18 Jan 2021 19:57
Operator : CG/JU
Sample : M1099-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1C13

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	3.334	22	25	31	rBV	11241	14773	1.85%	0.146%
2	3.652	75	79	87	rBV	8218	14428	1.81%	0.143%
3	4.022	137	142	148	rVB6	2808	5939	0.74%	0.059%
4	4.134	155	161	168	rVB2	3807	6247	0.78%	0.062%
5	4.499	220	223	225	rBV2	2416	3113	0.39%	0.031%
6	4.693	251	256	260	rBV2	6479	8818	1.11%	0.087%
7	5.328	358	364	370	rBV	38285	59436	7.45%	0.588%
8	6.046	482	486	489	rVB2	2577	3153	0.40%	0.031%
9	6.128	495	500	509	rVB2	3476	6439	0.81%	0.064%
10	6.540	562	570	575	rVB	6076	9552	1.20%	0.094%
11	7.063	653	659	665	rBV3	6601	12492	1.57%	0.124%
12	7.240	681	689	701	rVB2	199658	380722	47.71%	3.765%
13	7.404	709	717	726	rBV	146784	236425	29.63%	2.338%
14	7.610	745	752	759	rVV	212366	335941	42.10%	3.322%
15	7.681	759	764	776	rVV2	23096	41594	5.21%	0.411%
16	7.869	791	796	800	rBV4	2852	5783	0.72%	0.057%
17	7.975	807	814	819	rBV	16926	26558	3.33%	0.263%
18	8.087	823	833	838	rBV	139357	229662	28.78%	2.271%
19	8.310	867	871	877	rVV2	3048	4830	0.61%	0.048%
20	8.622	919	924	927	rBV4	3362	6435	0.81%	0.064%
21	8.751	939	946	948	rBV5	2631	5330	0.67%	0.053%
22	8.798	948	954	963	rVB	236382	365843	45.85%	3.618%
23	9.175	1011	1018	1026	rVV3	22569	45257	5.67%	0.448%
24	9.263	1026	1033	1039	rVV	183501	300574	37.67%	2.972%
25	9.316	1039	1042	1045	rVV3	4985	6937	0.87%	0.069%
26	9.357	1045	1049	1054	rVV5	2324	4498	0.56%	0.044%
27	9.416	1054	1059	1068	rVB4	3756	8398	1.05%	0.083%
28	9.645	1094	1098	1102	rBV2	4047	6305	0.79%	0.062%
29	9.681	1102	1104	1109	rVV5	1926	3164	0.40%	0.031%
30	9.987	1149	1156	1164	rVB	153272	252945	31.70%	2.501%
31	10.204	1185	1193	1196	rVV3	2497	5081	0.64%	0.050%
32	10.322	1207	1213	1217	rVV6	1813	3951	0.50%	0.039%
33	10.528	1241	1248	1255	rVB	221460	372534	46.69%	3.684%
34	10.669	1268	1272	1278	rBV4	1802	2943	0.37%	0.029%

LSC Area Percent Report

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Sample : M1099-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1C13

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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Peak separation: 5

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

35	10.863	1299	1305	1307	rVV	3966	6610	0.83%	0.065%
36	10.910	1307	1313	1319	rVV	169903	286337	35.88%	2.832%
37	10.963	1319	1322	1326	rVV	2401	3403	0.43%	0.034%
38	11.045	1329	1336	1344	rVV	204442	355575	44.56%	3.516%
39	11.233	1363	1368	1378	rVB	137598	212747	26.66%	2.104%
40	11.675	1438	1443	1446	rVV3	2766	4810	0.60%	0.048%
41	11.910	1478	1483	1493	rVV5	7275	15223	1.91%	0.151%
42	11.992	1493	1497	1500	rVB2	2545	3433	0.43%	0.034%
43	12.304	1546	1550	1555	rVB4	2950	4358	0.55%	0.043%
44	12.486	1576	1581	1586	rBV2	3023	5301	0.66%	0.052%
45	12.780	1626	1631	1635	rBV3	4211	5899	0.74%	0.058%
46	13.086	1678	1683	1695	rVB5	5476	11160	1.40%	0.110%
47	13.245	1704	1710	1714	rVB4	2359	4005	0.50%	0.040%
48	13.327	1720	1724	1729	rVB2	9297	12452	1.56%	0.123%
49	13.533	1754	1759	1761	rBV4	2320	2945	0.37%	0.029%
50	13.563	1761	1764	1768	rVV2	4484	6313	0.79%	0.062%
51	13.610	1768	1772	1776	rVV3	3630	5934	0.74%	0.059%
52	13.775	1793	1800	1805	rBV	46488	67025	8.40%	0.663%
53	14.051	1842	1847	1852	rVB3	3691	6247	0.78%	0.062%
54	14.127	1852	1860	1865	rBV	329250	447984	56.14%	4.430%
55	14.174	1865	1868	1874	rVV	32477	43646	5.47%	0.432%
56	14.357	1894	1899	1903	rVV3	5115	8773	1.10%	0.087%
57	14.422	1903	1910	1923	rVB	407492	599881	75.18%	5.932%
58	14.727	1949	1962	1968	rVV	227453	342448	42.92%	3.387%
59	14.786	1968	1972	1977	rVV2	10977	16443	2.06%	0.163%
60	14.851	1979	1983	1987	rVV2	6173	7328	0.92%	0.072%
61	14.910	1987	1993	2002	rVB	142157	199069	24.95%	1.969%
62	15.110	2022	2027	2033	rBV6	4733	9155	1.15%	0.091%
63	15.386	2070	2074	2079	rVB4	3828	5226	0.65%	0.052%
64	15.463	2085	2087	2090	rBV2	2537	3571	0.45%	0.035%
65	15.498	2090	2093	2097	rVV2	6168	8898	1.12%	0.088%
66	15.545	2097	2101	2105	rVV3	3056	5278	0.66%	0.052%
67	15.598	2105	2110	2116	rVB5	2057	3581	0.45%	0.035%
68	15.710	2123	2129	2135	rVV	471928	658858	82.57%	6.516%
69	15.763	2135	2138	2144	rVV2	7949	13160	1.65%	0.130%
70	15.827	2144	2149	2156	rVV	113946	151120	18.94%	1.494%
71	15.951	2164	2170	2176	rVB2	6606	10340	1.30%	0.102%

LSC Area Percent Report

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Acq On : 18 Jan 2021 19:57
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Misc :
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Instrument : BNA_M
ClientSampleId : F1C13

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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Peak separation: 5

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

72	16.174	2204	2208	2212	rBV5	1953	3184	0.40%	0.031%
73	16.427	2248	2251	2255	rVV3	5221	7264	0.91%	0.072%
74	16.480	2256	2260	2264	rVB5	3909	5491	0.69%	0.054%
75	16.586	2272	2278	2283	rBV5	3902	7196	0.90%	0.071%
76	16.639	2283	2287	2293	rBV6	1859	4062	0.51%	0.040%
77	16.757	2302	2307	2312	rVB3	18677	26691	3.34%	0.264%
78	16.798	2312	2314	2319	rBV3	1905	2854	0.36%	0.028%
79	16.921	2328	2335	2340	rBV7	2877	7738	0.97%	0.077%
80	17.180	2374	2379	2385	rBV4	8316	15581	1.95%	0.154%
81	17.239	2386	2389	2392	rVB4	4713	5757	0.72%	0.057%
82	17.451	2419	2425	2429	rBV	253105	343431	43.04%	3.396%
83	17.492	2429	2432	2436	rVV	30510	41306	5.18%	0.408%
84	17.551	2436	2442	2453	rVB	466266	650000	81.46%	6.428%
85	17.815	2481	2487	2489	rBV5	1944	3519	0.44%	0.035%
86	18.315	2567	2572	2578	rBV2	49766	66037	8.28%	0.653%
87	18.392	2583	2585	2588	rVB	4932	4399	0.55%	0.044%
88	18.515	2600	2606	2610	rBV2	14254	23150	2.90%	0.229%
89	18.662	2627	2631	2634	rBV6	2538	4564	0.57%	0.045%
90	18.915	2670	2674	2679	rBV4	4334	6332	0.79%	0.063%
91	19.351	2745	2748	2751	rBV4	3862	4241	0.53%	0.042%
92	19.480	2762	2770	2775	rBV3	41499	62308	7.81%	0.616%
93	19.574	2782	2786	2792	rBV	29046	38964	4.88%	0.385%
94	19.627	2793	2795	2802	rVB	5256	8199	1.03%	0.081%
95	19.815	2821	2827	2838	rBV	556393	797949	100.00%	7.891%
96	21.268	3071	3074	3079	rBV	93661	114807	14.39%	1.135%
97	21.468	3106	3108	3113	rBV	15612	17766	2.23%	0.176%
98	21.574	3121	3126	3131	rBV	306780	381285	47.78%	3.771%
99	23.744	3489	3495	3506	rVB	398957	739471	92.67%	7.313%
100	23.897	3515	3521	3528	rVB2	190861	367782	46.09%	3.637%

Sum of corrected areas: 10111964

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028433.D
Acq On : 18 Jan 2021 19:57
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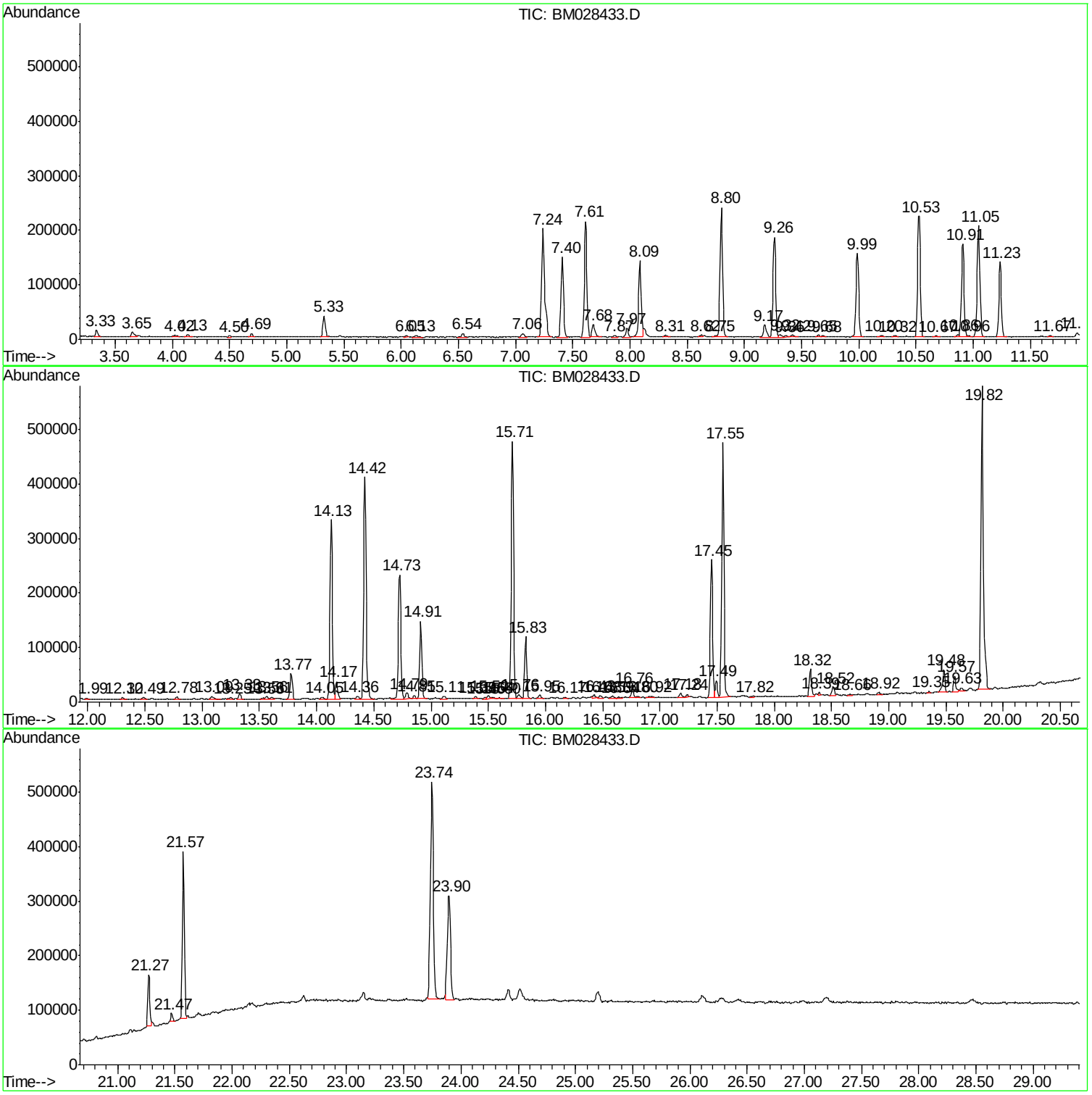
Sample : M1099-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1C13

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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Acq On : 18 Jan 2021 19:57
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

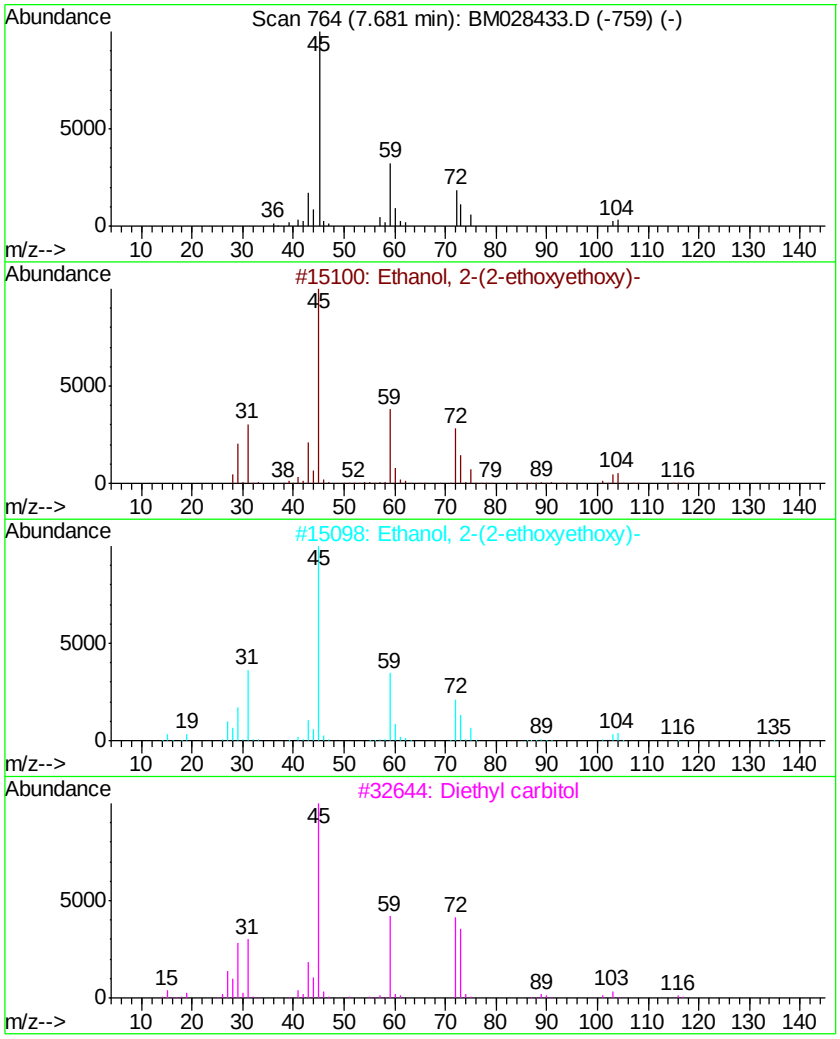
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

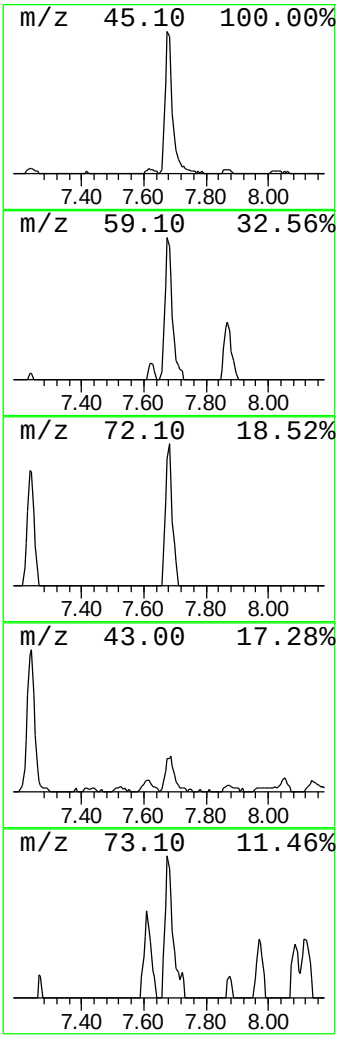
****

Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	3.62 ng/ul	41594	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	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
3	Diethyl carbitol	162	C8H18O3	000112-36-7	72
4	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	50
5	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
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Acq On : 18 Jan 2021 19:57
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Sample : M1099-17
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Instrument : BNA_M
ClientSampleId : F1C13

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

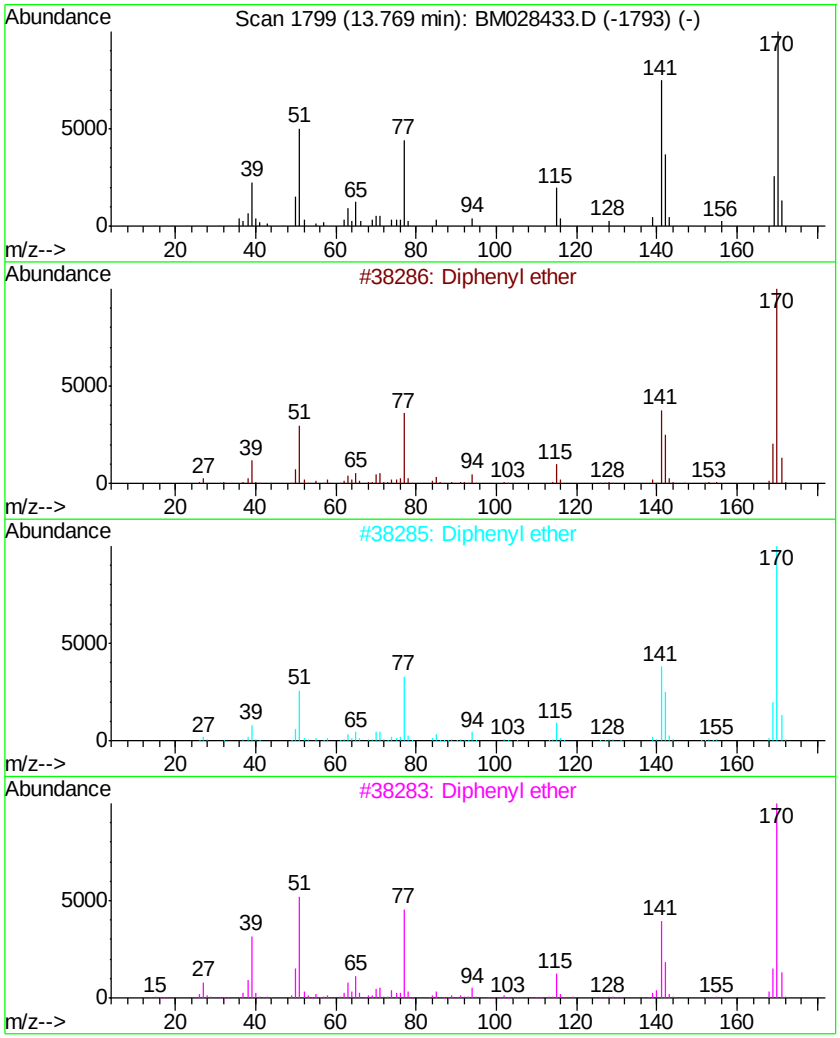
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

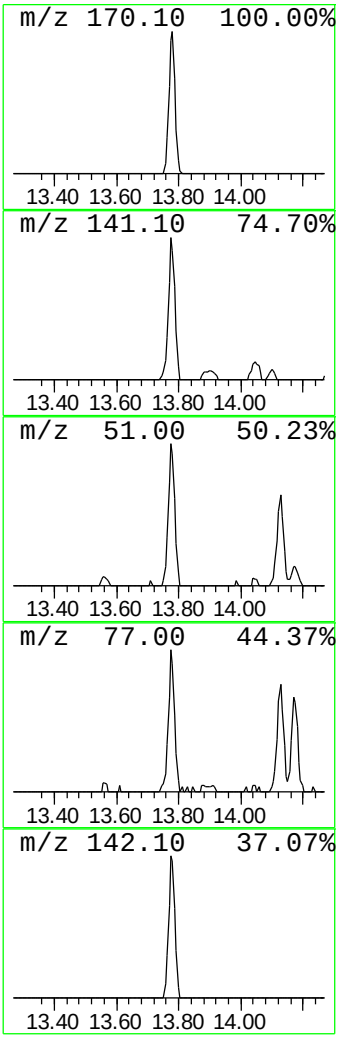
****

Peak Number 4 Diphenyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	3.91 ng/ul	67025	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	72
3	Diphenyl ether	170	C12H10O	000101-84-8	64
4	Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	58
5	Diphenyl ether	170	C12H10O	000101-84-8	58





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Quant Title : SVOA CALIBRATION

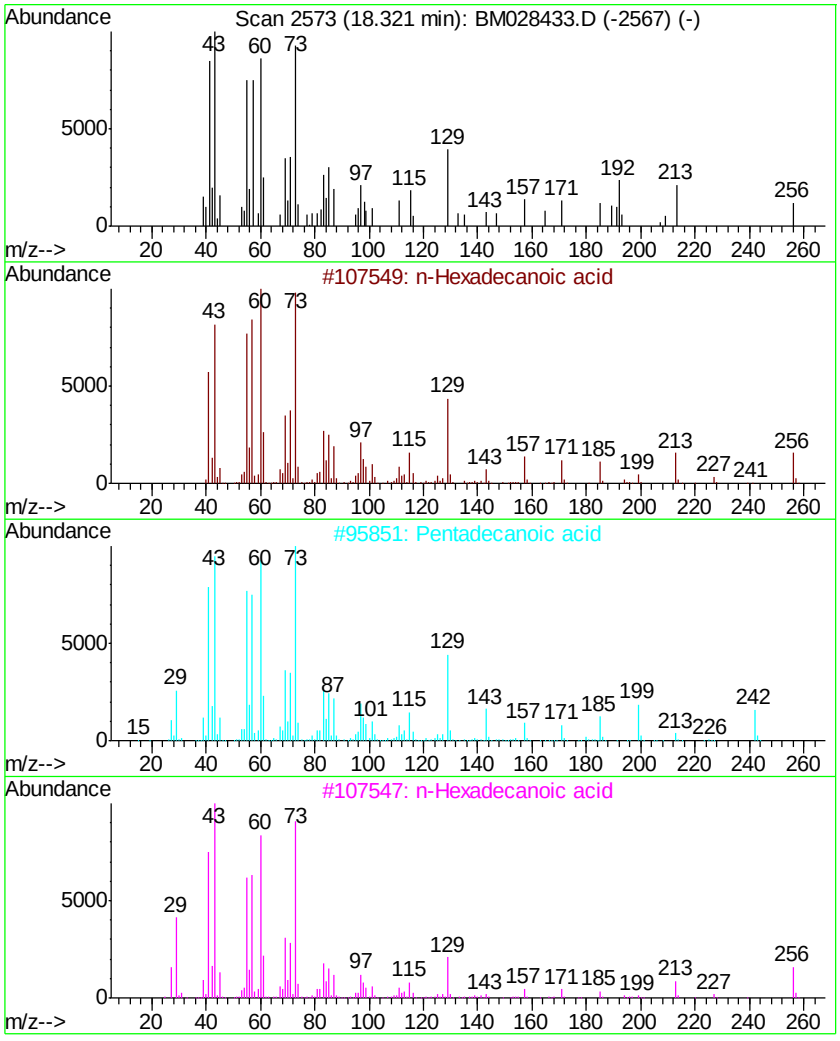
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

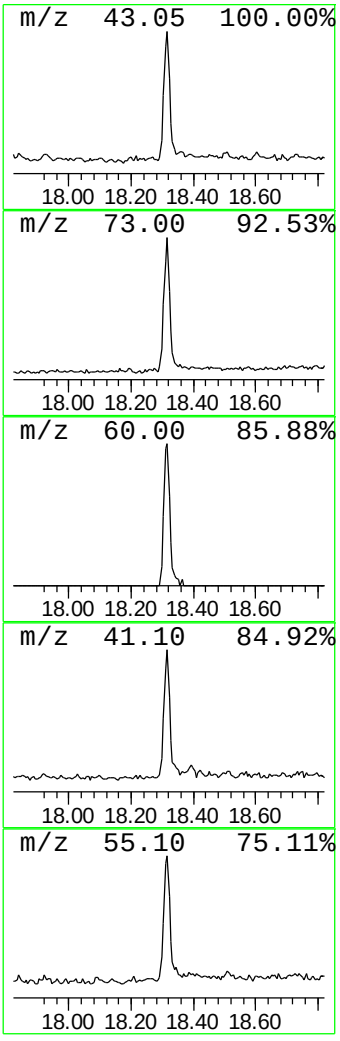
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.85 ng/ul	66037	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





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Quant Title : SVOA CALIBRATION

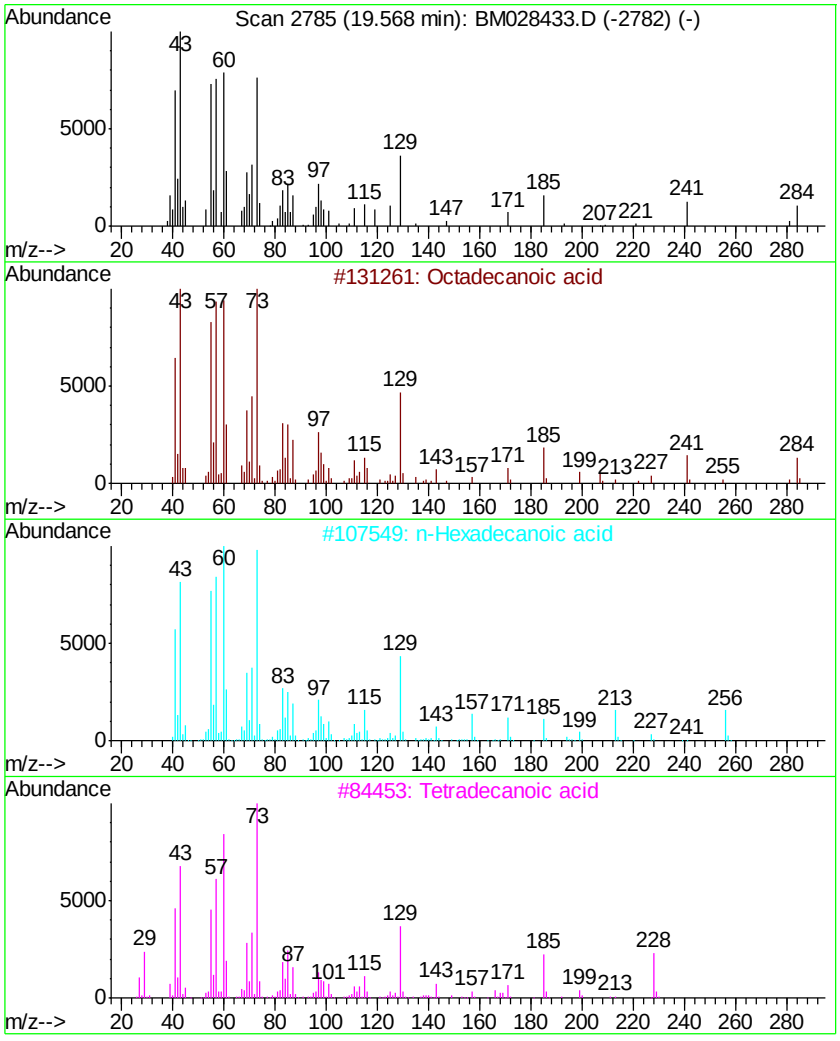
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

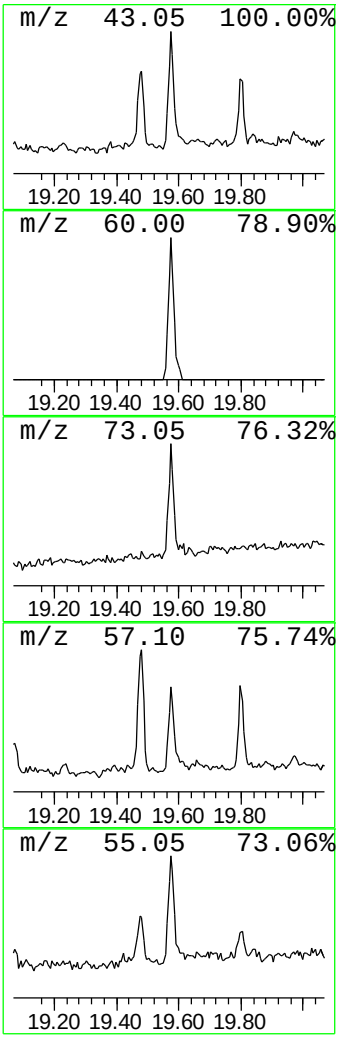
****

Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	2.04 ng/ul	38964	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	53





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1C13

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

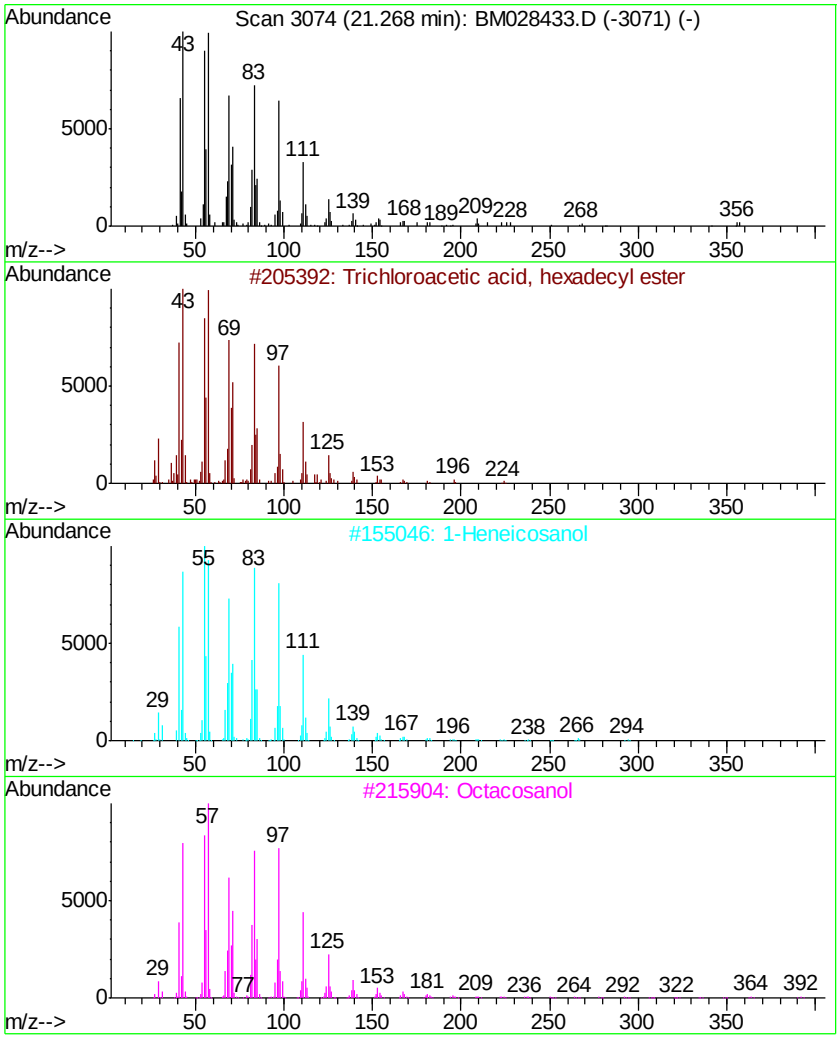
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

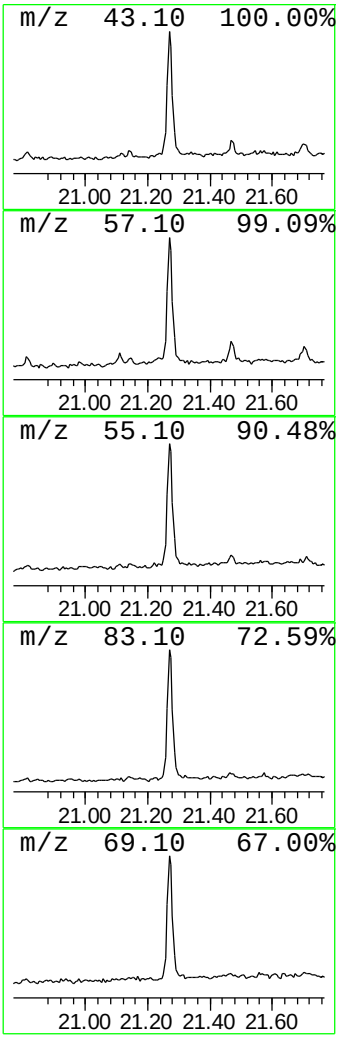
****

Peak Number 7 Trichloroacetic acid, hexad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	6.02 ng/ul	114807	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Octacosanol	410	C28H58O	000557-61-9	94
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





Tentatively Identified Compound (LSC) summary

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Data File : BM028433.D
Acq On : 18 Jan 2021 19:57
Operator : CG/JU
Sample : M1099-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1C13

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	3.6	ng/ul	41594	1	8.09	229662	20.0
Diphenyl ether	13.77	3.9	ng/ul	67025	3	14.73	342448	20.0
n-Hexadecanoic acid	18.32	3.9	ng/ul	66037	4	17.45	343431	20.0
Octadecanoic acid	19.57	2.0	ng/ul	38964	5	21.57	381285	20.0
Trichloroacetic a...	21.27	6.0	ng/ul	114807	5	21.57	381285	20.0