LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028427.D
Acq On : 18 Jan 2021 16:18
Operator : CG/JU
Sample : M1099-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1C14

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	9612	12593	1.81%	0.147%
2	3.658	77	80	86	rBV	4475	7658	1.10%	0.089%
3	3.716	87	90	93	rVB2	1426	1802	0.26%	0.021%
4	4.034	139	144	148	rVB3	1107	2007	0.29%	0.023%
5	4.134	157	161	166	rVB3	2439	3547	0.51%	0.041%
6	4.699	253	257	263	rVB3	2751	3661	0.53%	0.043%
7	5.134	330	331	337	rVB3	727	945	0.14%	0.011%
8	5.328	356	364	369	rBB	9099	13043	1.88%	0.152%
9	6.099	491	495	498	rBV	2020	3379	0.49%	0.039%
10	6.128	498	500	506	rVB	2506	3411	0.49%	0.040%
11	6.534	568	569	574	rBV2	876	1140	0.16%	0.013%
12	7.063	655	659	663	rBV3	3438	4796	0.69%	0.056%
13	7.240	682	689	699	rBV2	179247	324787	46.77%	3.780%
14	7.410	709	718	725	rVB	130805	202943	29.22%	2.362%
15	7.610	746	752	759	rVV	178008	287927	41.46%	3.351%
16	7.681	759	764	776	rVB	22994	36795	5.30%	0.428%
17	7.869	793	796	801	rBV2	2678	3541	0.51%	0.041%
18	7.969	810	813	819	rBV2	3372	4521	0.65%	0.053%
19	8.087	825	833	851	rVB	130927	213664	30.77%	2.487%
20	8.310	867	871	873	rVB	914	943	0.14%	0.011%
21	8.651	927	929	936	rBV2	1238	1574	0.23%	0.018%
22	8.798	948	954	961	rBV	206110	324051	46.66%	3.771%
23	9.175	1012	1018	1026	rBV5	2504	4651	0.67%	0.054%
24	9.263	1026	1033	1040	rBV	160335	257298	37.05%	2.995%
25	9.357	1046	1049	1056	rBV2	2356	3760	0.54%	0.044%
26	9.422	1056	1060	1065	rVB2	3289	4656	0.67%	0.054%
27	9.645	1092	1098	1101	rBV4	1814	2548	0.37%	0.030%
28	9.987	1148	1156	1163	rBV	135003	220613	31.77%	2.568%
29	10.198	1189	1192	1198	rVB3	2025	2946	0.42%	0.034%
30	10.528	1241	1248	1255	rVB	203787	327522	47.16%	3.812%
31	10.681	1269	1274	1278	rVB2	1429	2492	0.36%	0.029%
32	10.910	1306	1313	1320	rVV	171388	275605	39.69%	3.208%
33	11.045	1329	1336	1345	rVB	195582	318758	45.90%	3.710%
34	11.234	1363	1368	1374	rBV	29756	43986	6.33%	0.512%

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1C14

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	11.681	1438	1444	1446	rBV2	2096	3525	0.51%	0.041%
36	11.839	1468	1471	1478	rBV4	726	1232	0.18%	0.014%
37	11.928	1478	1486	1493	rVB4	5248	11724	1.69%	0.136%
38	12.133	1516	1521	1524	rVB3	883	1335	0.19%	0.016%
39	12.310	1547	1551	1553	rBV2	937	1221	0.18%	0.014%
40	12.486	1578	1581	1586	rBV	2224	3399	0.49%	0.040%
41	13.086	1678	1683	1689	rVV	4450	7659	1.10%	0.089%
42	13.233	1703	1708	1709	rBV4	895	1217	0.18%	0.014%
43	13.328	1719	1724	1730	rBV2	7740	11124	1.60%	0.129%
44	13.563	1762	1764	1768	rBV2	1200	1406	0.20%	0.016%
45	13.610	1768	1772	1776	rVV3	2210	3344	0.48%	0.039%
46	13.780	1795	1801	1807	rVB3	7708	11309	1.63%	0.132%
47	14.127	1854	1860	1865	rBV	298834	415479	59.83%	4.836%
48	14.175	1865	1868	1874	rVB	29161	36482	5.25%	0.425%
49	14.363	1895	1900	1904	rBV2	2883	4246	0.61%	0.049%
50	14.422	1904	1910	1921	rVB	361073	531212	76.49%	6.182%
51	14.604	1937	1941	1944	rBV2	709	959	0.14%	0.011%
52	14.657	1948	1950	1956	rVV3	674	1204	0.17%	0.014%
53	14.727	1956	1962	1969	rVB	228250	332623	47.90%	3.871%
54	14.792	1969	1973	1976	rBV2	1602	2104	0.30%	0.024%
55	14.857	1981	1984	1987	rBV3	1084	1154	0.17%	0.013%
56	14.910	1987	1993	2003	rBV	144090	208078	29.96%	2.422%
57	15.116	2025	2028	2034	rVB3	2451	3506	0.50%	0.041%
58	15.504	2090	2094	2097	rVV2	2183	3473	0.50%	0.040%
59	15.545	2099	2101	2106	rVB3	1053	1436	0.21%	0.017%
60	15.716	2123	2130	2136	rBV	433993	596249	85.86%	6.939%
61	15.763	2136	2138	2144	rVB3	744	898	0.13%	0.010%
62	15.833	2144	2150	2155	rBV	116918	159648	22.99%	1.858%
63	15.951	2166	2170	2174	rVB	3432	4444	0.64%	0.052%
64	16.063	2185	2189	2191	rVB3	920	988	0.14%	0.011%
65	16.104	2191	2196	2198	rBV3	810	1124	0.16%	0.013%
66	16.169	2204	2207	2210	rVB4	681	864	0.12%	0.010%
67	16.233	2217	2218	2221	rBV2	1031	1094	0.16%	0.013%
68	16.410	2244	2248	2255	rVB4	1269	2411	0.35%	0.028%
69	16.468	2255	2258	2259	rBV2	1223	1258	0.18%	0.015%
70	16.569	2271	2275	2276	rBV3	830	1105	0.16%	0.013%
71	16.586	2276	2278	2282	rVB2	1300	1594	0.23%	0.019%

LSC Area Percent Report

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Sample : M1099-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1C14

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	16.680	2291	2294	2297	rVB2	864	1290	0.19%	0.015%
73	16.763	2304	2308	2312	rVB5	2492	3875	0.56%	0.045%
74	16.827	2316	2319	2320	rBV2	909	862	0.12%	0.010%
75	17.180	2373	2379	2384	rBV4	2638	4603	0.66%	0.054%
76	17.245	2387	2390	2394	rVB2	1064	1523	0.22%	0.018%
77	17.451	2420	2425	2431	rBV	241991	347425	50.03%	4.043%
78	17.498	2431	2433	2436	rVB	3834	3329	0.48%	0.039%
79	17.551	2436	2442	2449	rBV	439769	599622	86.34%	6.979%
80	17.692	2462	2466	2470	rBV5	2761	4933	0.71%	0.057%
81	17.980	2512	2515	2517	rVB3	1218	1360	0.20%	0.016%
82	18.021	2517	2522	2525	rBV5	1026	1968	0.28%	0.023%
83	18.204	2549	2553	2556	rBV3	879	1290	0.19%	0.015%
84	18.315	2568	2572	2581	rBV	54987	69609	10.02%	0.810%
85	18.392	2583	2585	2589	rVB	3479	4054	0.58%	0.047%
86	18.457	2593	2596	2599	rBV4	1237	1278	0.18%	0.015%
87	18.515	2602	2606	2610	rVB5	2633	3906	0.56%	0.045%
88	18.739	2640	2644	2649	rVB7	1192	2180	0.31%	0.025%
89	18.974	2682	2684	2687	rBV3	1546	1540	0.22%	0.018%
90	19.074	2698	2701	2706	rBV7	2130	3276	0.47%	0.038%
91	19.339	2744	2746	2748	rBV3	1642	1376	0.20%	0.016%
92	19.462	2763	2767	2768	rBV3	5445	7360	1.06%	0.086%
93	19.480	2768	2770	2776	rVB2	8807	11412	1.64%	0.133%
94	19.574	2783	2786	2791	rBV2	17872	23929	3.45%	0.278%
95	19.709	2804	2809	2812	rBV	4354	7566	1.09%	0.088%
96	19.821	2822	2828	2840	rBV	482471	691270	99.54%	8.045%
97	21.274	3071	3075	3079	rBV	46401	57815	8.33%	0.673%
98	21.574	3122	3126	3132	rVB	286928	364577	52.50%	4.243%
99	23.750	3489	3496	3504	rVB	358018	694470	100.00%	8.083%
100	23.897	3515	3521	3529	rVB2	196393	378838	54.55%	4.409%

Sum of corrected areas: 8592227

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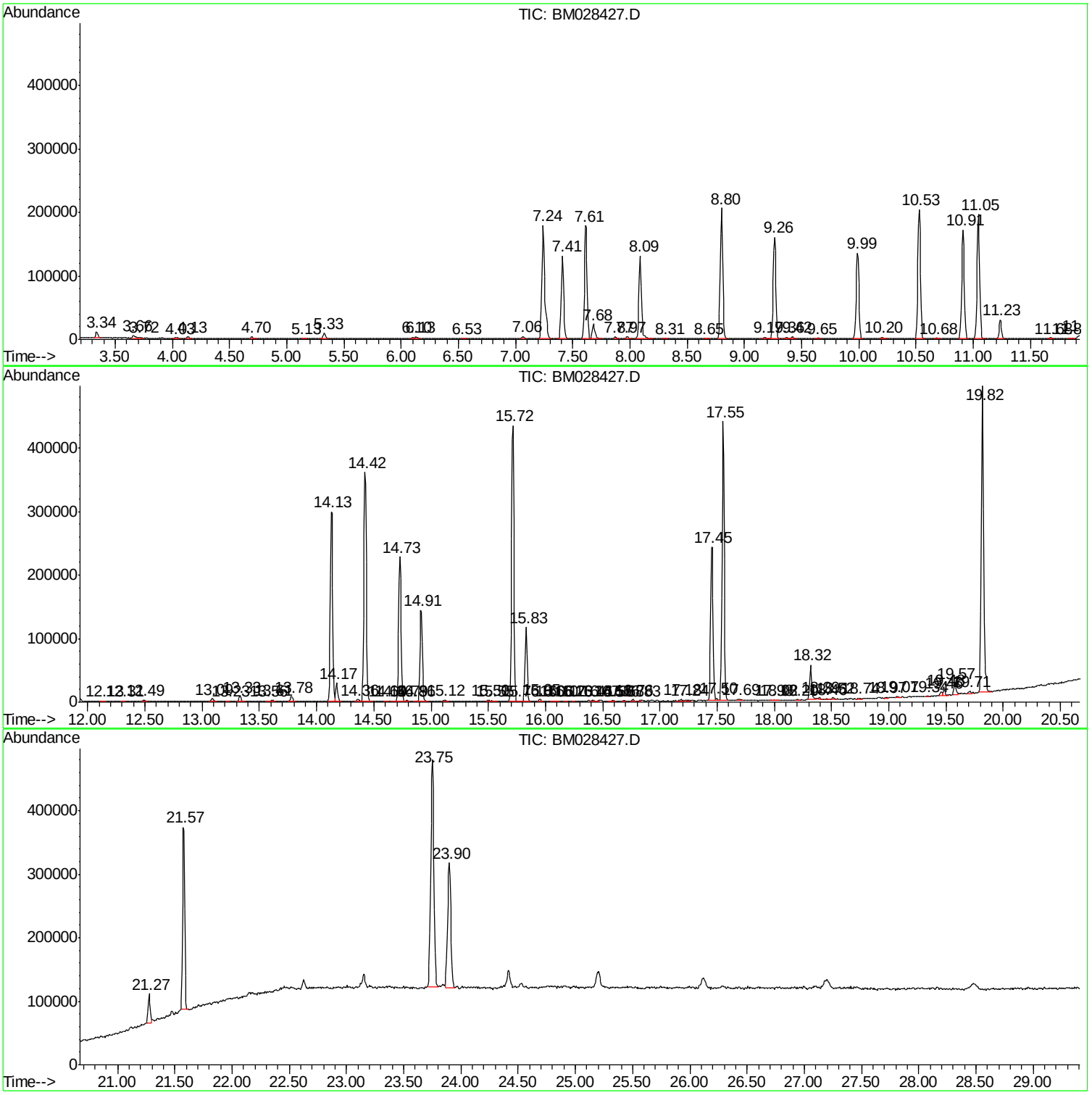
Instrument :
BNA_M
ClientSampleId :
F1C14

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

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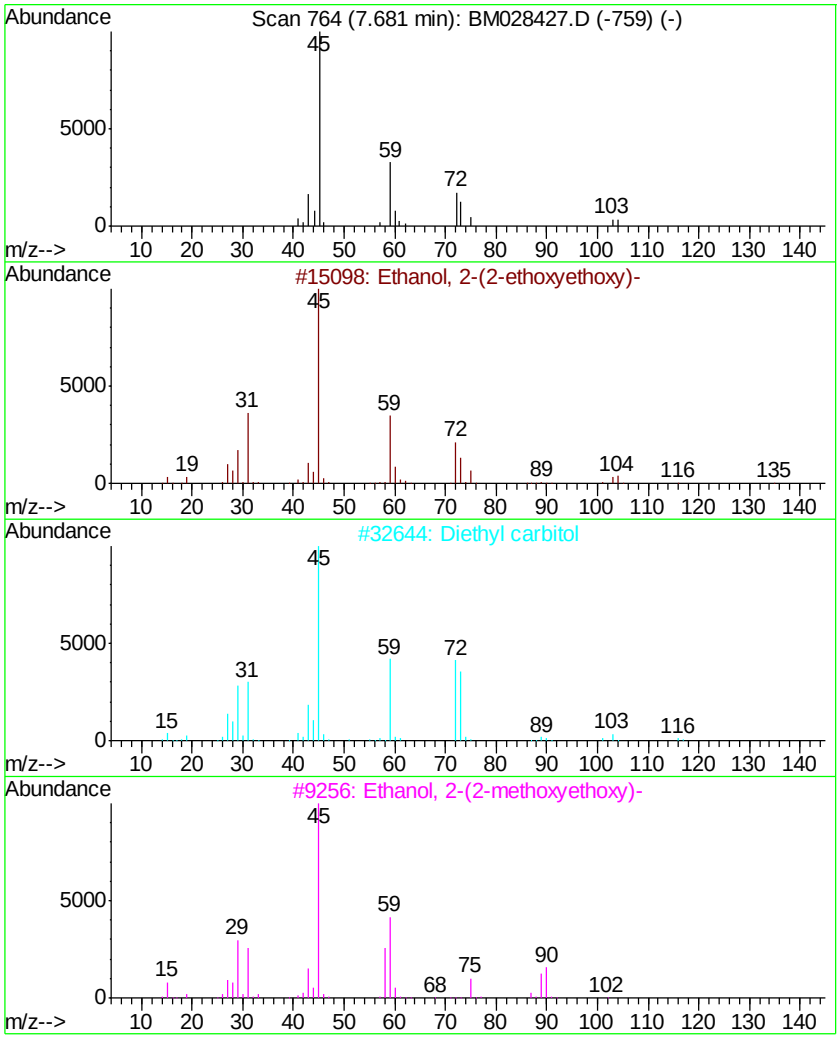
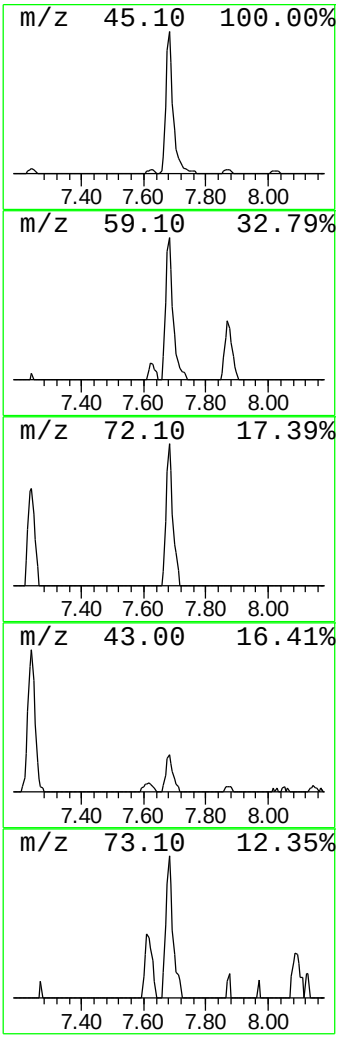
****

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	3.44 ng/ul	36795	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	78
3	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	50
4	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	50
5	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	50





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : F1C14

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

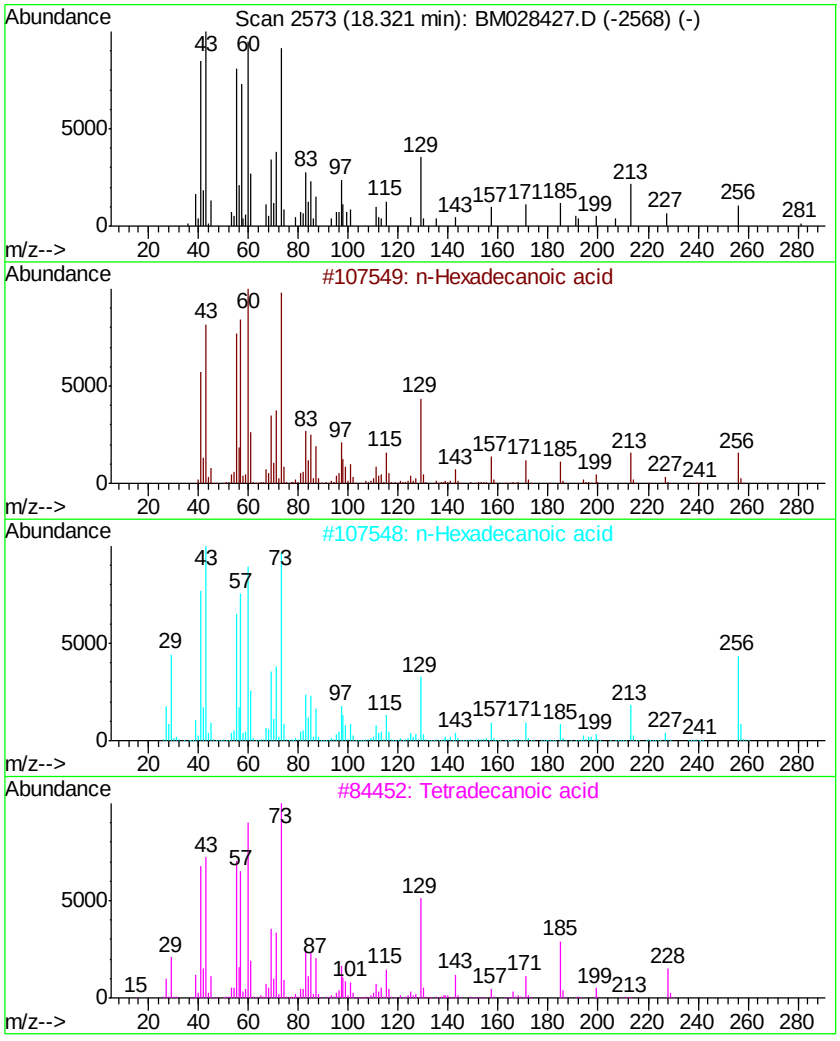
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

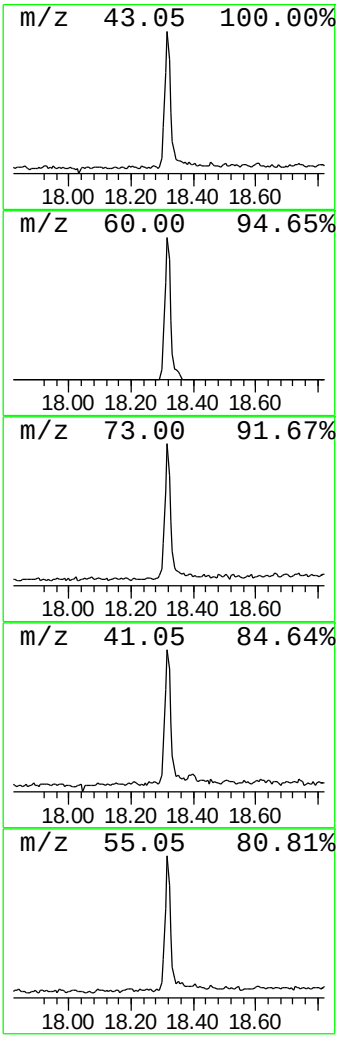
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	4.01 ng/ul	69609	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





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

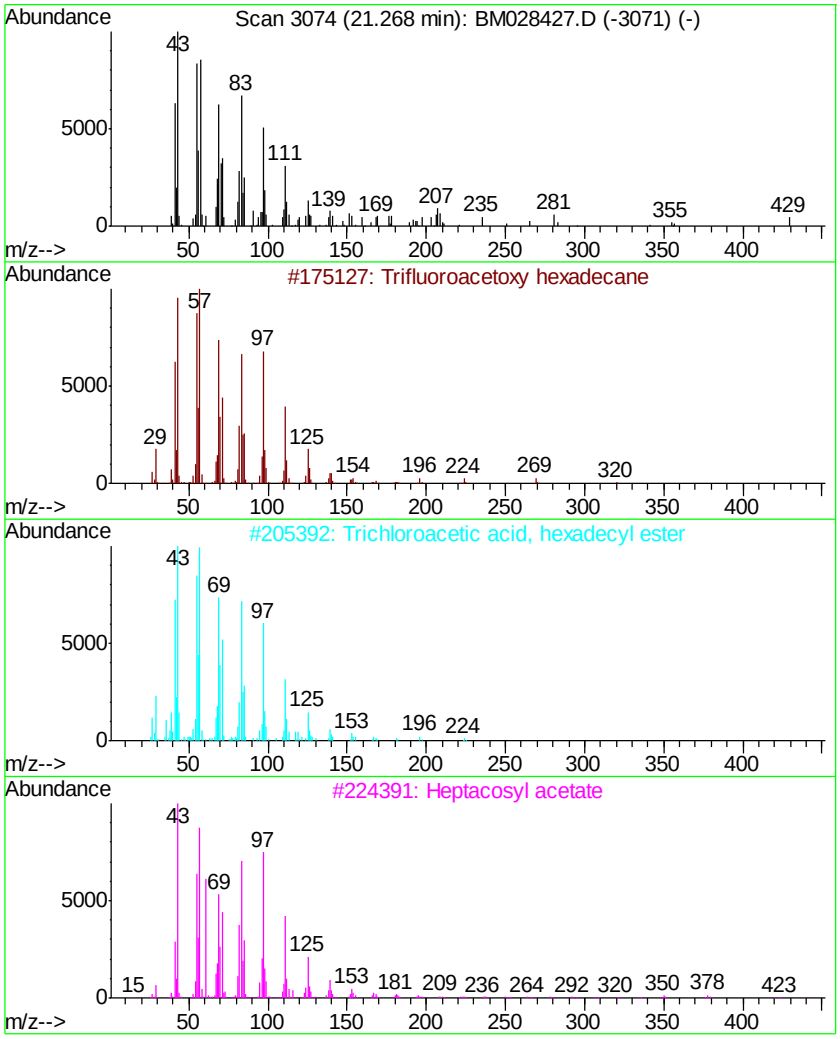
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

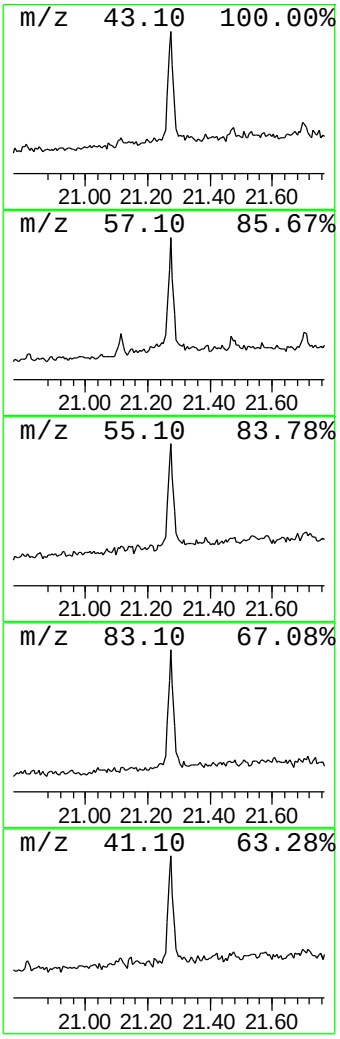
****

Peak Number 3 Trifluoroacetoxy hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	3.17 ng/ul	57815	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
3	Heptacosyl acetate	438	C29H58O2	1000351-78-2	90
4	Cyclotetracosane	336	C24H48	000297-03-0	90
5	1-Tricosene	322	C23H46	018835-32-0	90





Tentatively Identified Compound (LSC) summary

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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	3.4	ng/ul	36795	1	8.09	213664	20.0
n-Hexadecanoic acid	18.32	4.0	ng/ul	69609	4	17.46	347425	20.0
Trifluoroacetoxy ...	21.27	3.2	ng/ul	57815	5	21.57	364577	20.0