

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
 Data File : BM028432.D
 Acq On : 18 Jan 2021 19:20
 Operator : CG/JU
 Sample : M1099-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F1C15

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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	32	rVB	11704	15920	2.19%	0.172%
2	3.652	75	79	89	rBV	7799	14290	1.97%	0.155%
3	4.022	138	142	148	rVB5	1806	4016	0.55%	0.043%
4	4.134	154	161	165	rVB3	2720	4347	0.60%	0.047%
5	4.504	220	224	227	rBV2	977	1659	0.23%	0.018%
6	4.693	252	256	259	rBV	4011	5014	0.69%	0.054%
7	5.328	359	364	368	rVB2	4092	6126	0.84%	0.066%
8	6.046	483	486	489	rBV2	1074	1228	0.17%	0.013%
9	6.128	497	500	504	rBV3	3059	4609	0.63%	0.050%
10	6.540	565	570	573	rBV2	976	1474	0.20%	0.016%
11	7.057	654	658	663	rVB3	2949	3888	0.54%	0.042%
12	7.240	682	689	701	rBV2	203521	384217	52.91%	4.157%
13	7.410	712	718	725	rVB	149100	236273	32.54%	2.556%
14	7.610	746	752	759	rVV	214871	336487	46.34%	3.641%
15	7.675	759	763	773	rVB	30782	49418	6.81%	0.535%
16	7.869	791	796	803	rBV	3922	5953	0.82%	0.064%
17	7.975	810	814	818	rVB	7450	11053	1.52%	0.120%
18	8.087	824	833	849	rVB	136019	223825	30.82%	2.422%
19	8.304	867	870	876	rVB3	1360	1961	0.27%	0.021%
20	8.616	919	923	926	rBV3	1204	1564	0.22%	0.017%
21	8.645	926	928	933	rVB2	1085	1463	0.20%	0.016%
22	8.798	947	954	962	rVB	239805	374089	51.51%	4.047%
23	9.181	1013	1019	1026	rVB4	3829	6628	0.91%	0.072%
24	9.263	1026	1033	1039	rVV	182934	298204	41.06%	3.226%
25	9.322	1039	1043	1046	rVV2	1345	1723	0.24%	0.019%
26	9.363	1046	1050	1053	rVV2	2406	3339	0.46%	0.036%
27	9.416	1054	1059	1068	rVB2	4544	7691	1.06%	0.083%
28	9.645	1093	1098	1103	rBV4	1492	2572	0.35%	0.028%
29	9.686	1103	1105	1108	rVB4	1139	1188	0.16%	0.013%
30	9.986	1149	1156	1164	rBV	159024	252570	34.78%	2.733%
31	10.198	1186	1192	1197	rBV3	2747	4602	0.63%	0.050%
32	10.522	1240	1247	1255	rBV	229178	377387	51.97%	4.083%
33	10.681	1269	1274	1278	rVB3	1650	2915	0.40%	0.032%
34	10.910	1306	1313	1319	rVV	166545	276394	38.06%	2.990%

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35	11.045	1328	1336	1343	rBV	210029	353399	48.66%	3.824%
36	11.233	1363	1368	1379	rBV2	30645	45254	6.23%	0.490%
37	11.669	1435	1442	1447	rBV2	3028	4862	0.67%	0.053%
38	11.910	1478	1483	1491	rVB	6694	10095	1.39%	0.109%
39	12.133	1512	1521	1526	rVB4	663	1985	0.27%	0.021%
40	12.304	1547	1550	1554	rBV2	739	1347	0.19%	0.015%
41	12.486	1577	1581	1587	rVB2	2998	4136	0.57%	0.045%
42	12.557	1587	1593	1597	rBV4	1559	2216	0.31%	0.024%
43	12.775	1627	1630	1635	rVV2	1687	2460	0.34%	0.027%
44	13.086	1678	1683	1690	rBV	5087	8287	1.14%	0.090%
45	13.233	1703	1708	1709	rBV3	971	1537	0.21%	0.017%
46	13.327	1718	1724	1729	rBV2	9346	13101	1.80%	0.142%
47	13.563	1761	1764	1767	rVB3	2014	2466	0.34%	0.027%
48	13.604	1767	1771	1775	rBV2	4007	6254	0.86%	0.068%
49	13.774	1793	1800	1805	rBV2	13088	19575	2.70%	0.212%
50	14.045	1842	1846	1853	rVB2	970	1591	0.22%	0.017%
51	14.127	1853	1860	1865	rVV	342787	459125	63.22%	4.968%
52	14.174	1865	1868	1873	rVB	54909	67410	9.28%	0.729%
53	14.357	1895	1899	1904	rBV4	3525	5401	0.74%	0.058%
54	14.421	1904	1910	1923	rVB	408828	586670	80.79%	6.348%
55	14.727	1956	1962	1968	rVV	224976	328821	45.28%	3.558%
56	14.792	1968	1973	1976	rVV	1270	2081	0.29%	0.023%
57	14.833	1976	1980	1981	rVV3	1015	1446	0.20%	0.016%
58	14.851	1981	1983	1986	rVV2	1623	1811	0.25%	0.020%
59	14.910	1988	1993	2004	rVB	155374	219997	30.29%	2.380%
60	15.116	2022	2028	2033	rVB4	2692	4060	0.56%	0.044%
61	15.498	2089	2093	2096	rBV	3260	4009	0.55%	0.043%
62	15.710	2123	2129	2135	rBV	464837	649410	89.43%	7.026%
63	15.763	2135	2138	2142	rVV	1697	2185	0.30%	0.024%
64	15.827	2144	2149	2156	rVB	140093	183108	25.21%	1.981%
65	15.945	2163	2169	2175	rVB2	4612	5997	0.83%	0.065%
66	16.051	2185	2187	2193	rVB3	954	1349	0.19%	0.015%
67	16.098	2193	2195	2202	rVB4	1019	1744	0.24%	0.019%
68	16.333	2232	2235	2238	rBV5	1108	1760	0.24%	0.019%
69	16.374	2238	2242	2245	rBV3	1275	1910	0.26%	0.021%
70	16.404	2245	2247	2254	rVV4	1236	2354	0.32%	0.025%
71	16.480	2256	2260	2264	rVV2	2057	2592	0.36%	0.028%

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72	16.674	2287	2293	2295	rBV3	1296	1861	0.26%	0.020%
73	16.762	2305	2308	2311	rBV3	2808	3229	0.44%	0.035%
74	16.827	2316	2319	2322	rVB4	1197	1343	0.18%	0.015%
75	16.904	2327	2332	2333	rBV5	761	1175	0.16%	0.013%
76	16.933	2333	2337	2341	rVB3	1085	1475	0.20%	0.016%
77	17.180	2373	2379	2384	rBV4	3039	4948	0.68%	0.054%
78	17.239	2385	2389	2393	rVB4	1072	1604	0.22%	0.017%
79	17.451	2418	2425	2430	rBV	247550	341338	47.00%	3.693%
80	17.492	2430	2432	2436	rVV	7370	9149	1.26%	0.099%
81	17.551	2436	2442	2452	rVV	461775	642008	88.41%	6.946%
82	17.715	2468	2470	2474	rVB4	1117	1416	0.19%	0.015%
83	17.815	2484	2487	2490	rBV4	1053	1331	0.18%	0.014%
84	18.315	2567	2572	2579	rBV	53913	71492	9.84%	0.774%
85	18.392	2583	2585	2588	rVB3	3508	3425	0.47%	0.037%
86	18.509	2602	2605	2609	rBV3	3513	4125	0.57%	0.045%
87	18.604	2619	2621	2624	rVB4	1442	1562	0.22%	0.017%
88	18.668	2629	2632	2634	rBV4	1310	1344	0.19%	0.015%
89	18.909	2670	2673	2677	rVV5	2127	2716	0.37%	0.029%
90	19.074	2697	2701	2704	rVV3	3489	4611	0.63%	0.050%
91	19.451	2761	2765	2767	rBV2	6809	9060	1.25%	0.098%
92	19.480	2767	2770	2774	rVB2	11600	15824	2.18%	0.171%
93	19.574	2782	2786	2789	rBV3	10310	12320	1.70%	0.133%
94	19.633	2794	2796	2798	rVV2	2289	1733	0.24%	0.019%
95	19.703	2806	2808	2811	rBV	3046	3574	0.49%	0.039%
96	19.815	2821	2827	2836	rBV	514090	726196	100.00%	7.857%
97	21.274	3071	3075	3082	rBV2	48024	64593	8.89%	0.699%
98	21.574	3121	3126	3131	rBV	291551	357118	49.18%	3.864%
99	23.750	3489	3496	3504	rVB	350305	671476	92.46%	7.265%
100	23.891	3515	3520	3527	rVB2	179050	344551	47.45%	3.728%

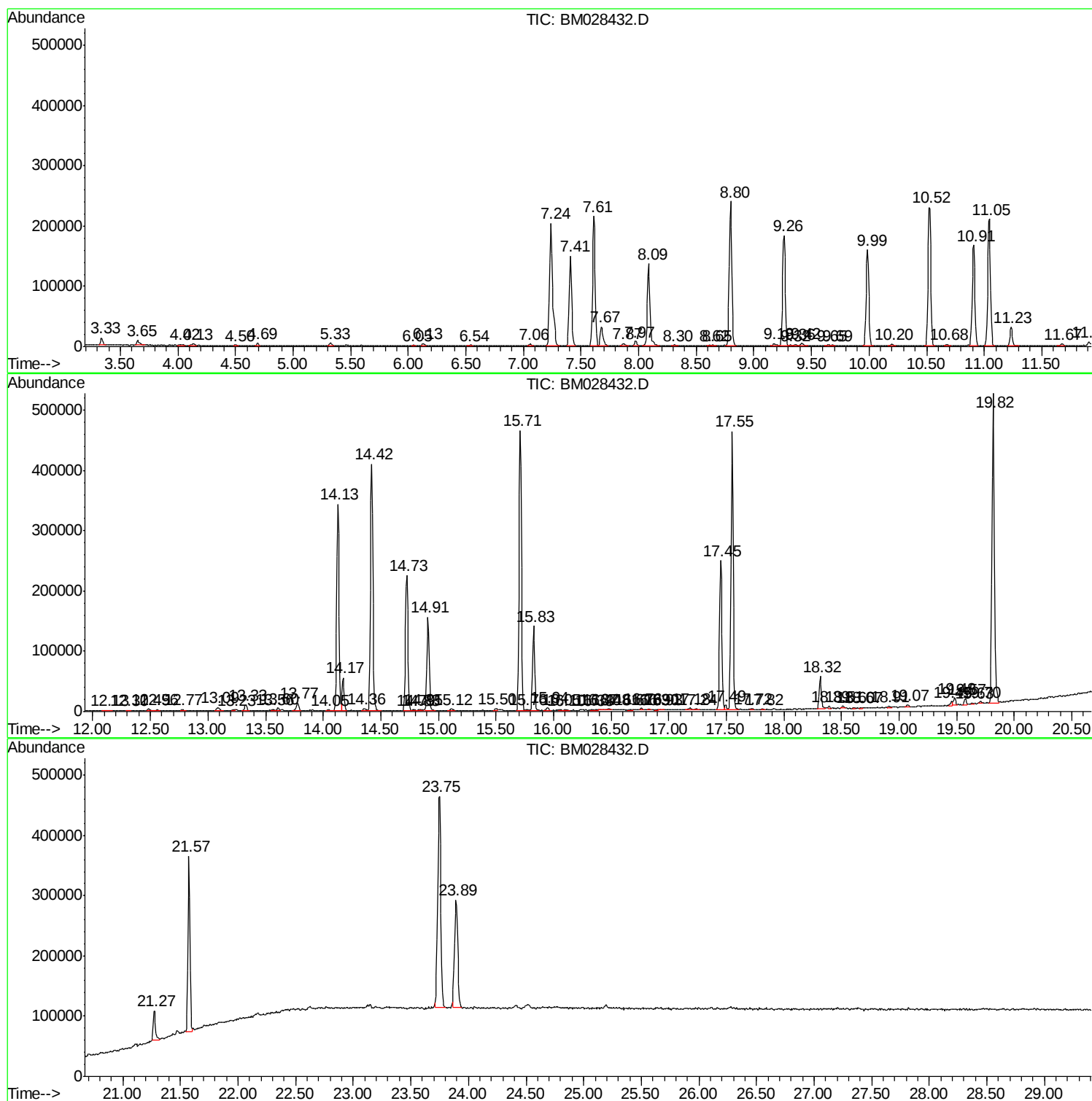
Sum of corrected areas: 9242489

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Instrument :
BNA_M
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F1C15

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



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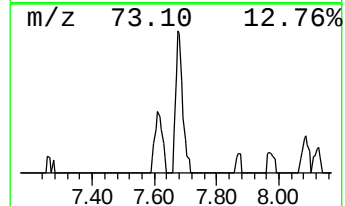
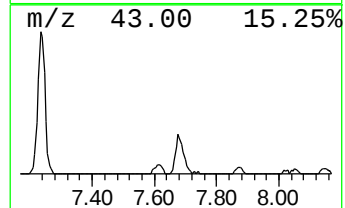
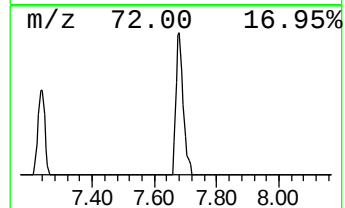
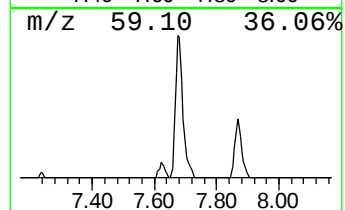
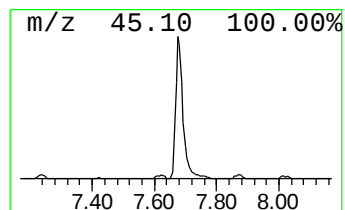
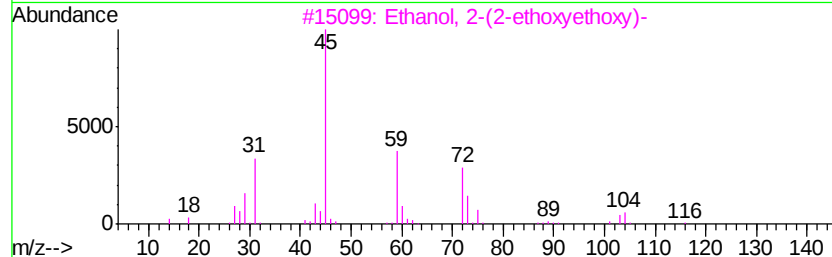
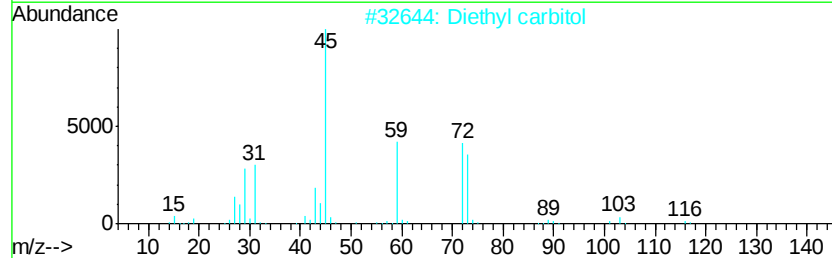
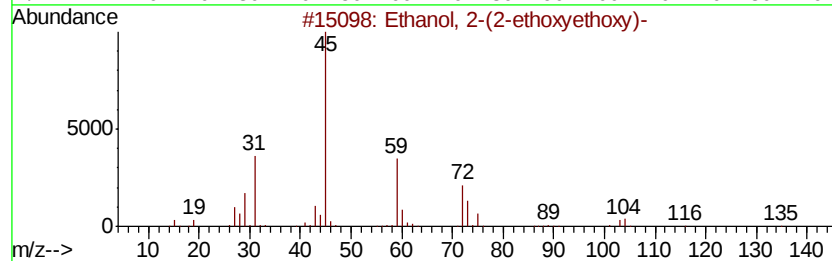
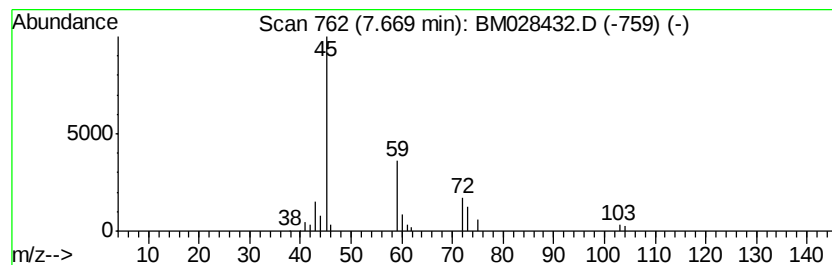
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	4.42 ng/ul	49418	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2		Diethyl carbitol	162	C8H18O3	000112-36-7	78
3		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	53
4		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	50
5		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	50



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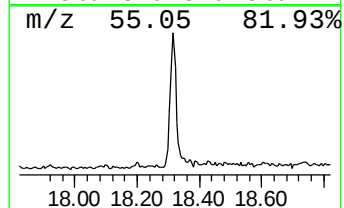
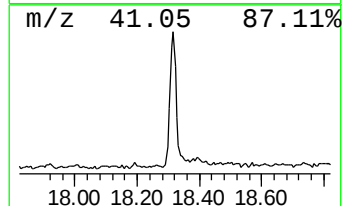
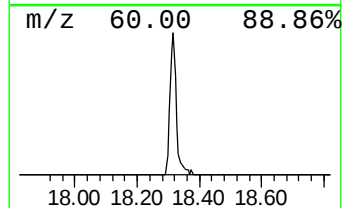
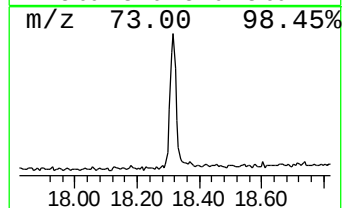
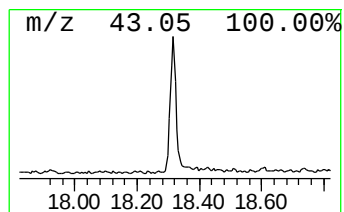
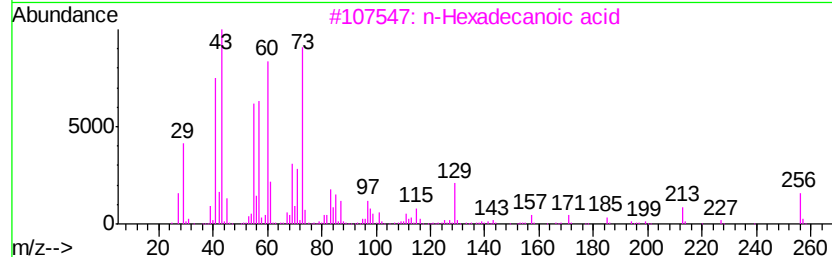
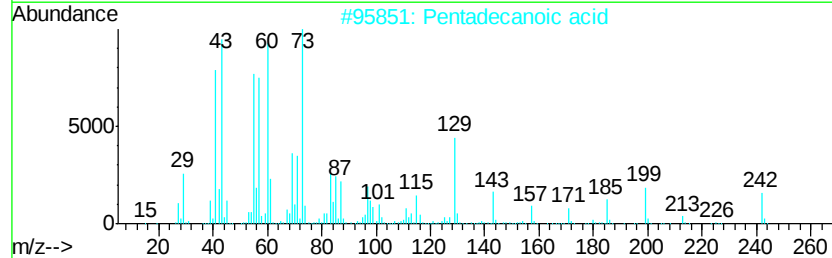
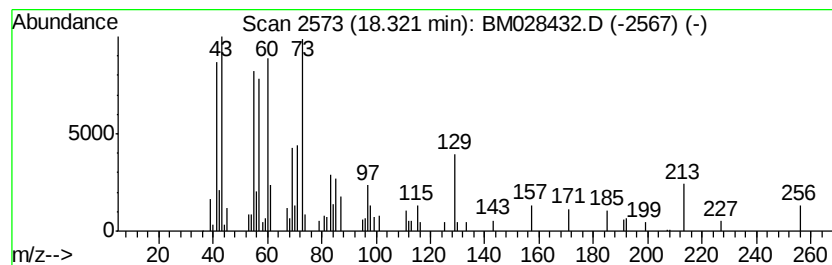
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	4.19 ng/ul	71492	Phenanthrene-d10	17.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	72



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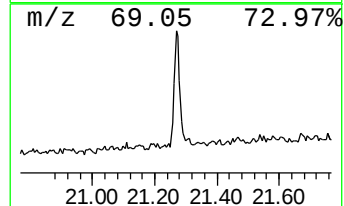
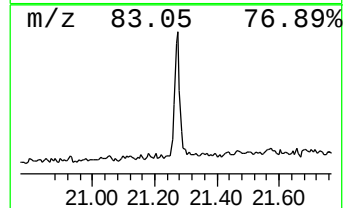
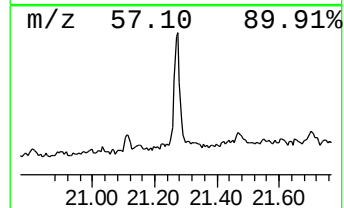
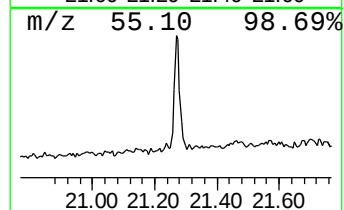
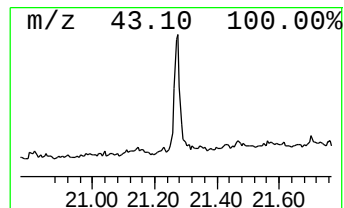
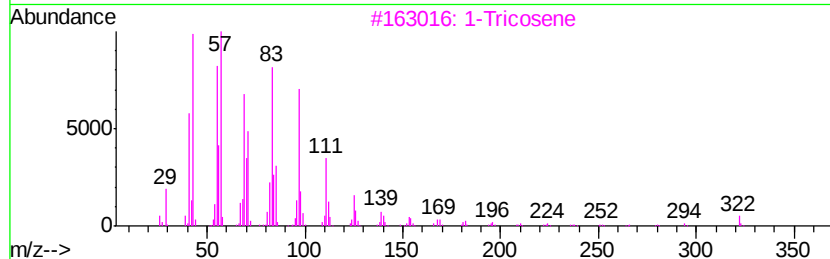
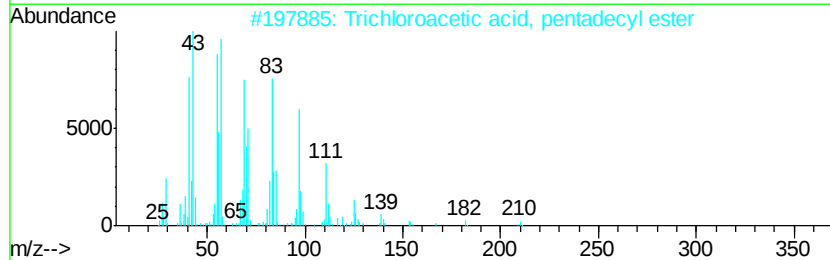
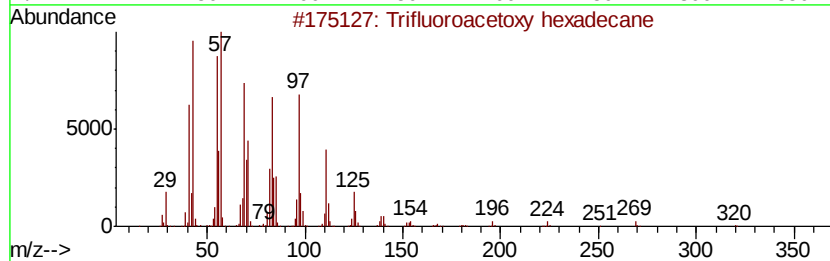
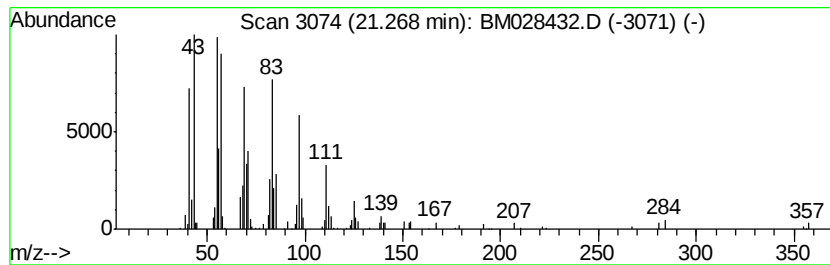
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Peak Number 3 Trifluoroacetoxy hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	3.62 ng/ul	64593	Chrysene-d12	21.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
3		1-Tricosene	322	C23H46	018835-32-0	91
4		Behenic alcohol	326	C22H46O	000661-19-8	91
5		1-Heneicosanol	312	C21H44O	015594-90-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011821\
Data File : BM028432.D
Acq On : 18 Jan 2021 19:20
Operator : CG/JU
Sample : M1099-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F1C15

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(2-eth...	7.67	4.4	ng/ul	49418	1	8.09	223825	20.0
n-Hexadecanoic acid	18.32	4.2	ng/ul	71492	4	17.45	341338	20.0
Trifluoroacetoxy ...	21.27	3.6	ng/ul	64593	5	21.57	357118	20.0