LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028428.D
Acq On : 18 Jan 2021 16:55
Operator : CG/JU
Sample : M1099-21
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1C17

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	21	26	33	rVB	12079	16862	2.51%	0.184%
2	3.658	77	80	86	rBV	4324	7399	1.10%	0.081%
3	4.016	137	141	150	rVB5	1928	4223	0.63%	0.046%
4	4.134	156	161	168	rVB2	3179	4649	0.69%	0.051%
5	4.693	251	256	260	rVB	7472	10701	1.59%	0.117%
6	5.328	358	364	369	rVB	28967	42724	6.37%	0.465%
7	5.381	369	373	378	rBV4	562	1372	0.20%	0.015%
8	6.134	497	501	506	rBV	3092	4923	0.73%	0.054%
9	6.534	567	569	575	rVB	689	1237	0.18%	0.013%
10	7.069	655	660	665	rBV3	3690	5364	0.80%	0.058%
11	7.240	682	689	700	rBV2	208486	386353	57.57%	4.207%
12	7.410	710	718	727	rBV	156172	239223	35.65%	2.605%
13	7.610	746	752	760	rBV	211292	342442	51.03%	3.729%
14	7.681	760	764	774	rVV	22766	36857	5.49%	0.401%
15	7.869	793	796	804	rVB	2823	4573	0.68%	0.050%
16	7.975	810	814	819	rBV3	4653	6876	1.02%	0.075%
17	8.087	824	833	839	rBV	145619	233380	34.78%	2.541%
18	8.310	866	871	875	rVB2	1013	1204	0.18%	0.013%
19	8.651	927	929	933	rBV4	1022	1402	0.21%	0.015%
20	8.745	940	945	948	rBV	3675	5179	0.77%	0.056%
21	8.798	948	954	967	rVV	238718	382724	57.03%	4.168%
22	8.910	969	973	977	rVB2	2116	3036	0.45%	0.033%
23	9.057	993	998	1002	rBV2	5208	7423	1.11%	0.081%
24	9.181	1013	1019	1022	rBV2	5381	9713	1.45%	0.106%
25	9.222	1022	1026	1027	rVV3	7116	10764	1.60%	0.117%
26	9.263	1027	1033	1040	rVV	186056	300745	44.82%	3.275%
27	9.328	1041	1044	1046	rVV2	1859	2178	0.32%	0.024%
28	9.357	1046	1049	1053	rVV3	1424	2078	0.31%	0.023%
29	9.428	1053	1061	1067	rVB4	6717	14668	2.19%	0.160%
30	9.557	1079	1083	1086	rVV3	2857	4521	0.67%	0.049%
31	9.610	1086	1092	1096	rVV5	5398	12378	1.84%	0.135%
32	9.651	1096	1099	1102	rVV	3141	4229	0.63%	0.046%
33	9.698	1102	1107	1111	rVV3	5676	10220	1.52%	0.111%
34	9.745	1111	1115	1124	rVB2	6201	10696	1.59%	0.116%

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Instrument : BNA_M
ClientSampleId : F1C17

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	9.987	1149	1156	1164	rVB	154330	252868	37.68%	2.753%
36	10.069	1167	1170	1179	rVB5	1143	1801	0.27%	0.020%
37	10.198	1189	1192	1197	rVV2	2094	2828	0.42%	0.031%
38	10.445	1229	1234	1238	rVB2	609	1239	0.18%	0.013%
39	10.528	1241	1248	1256	rVB	232872	376106	56.05%	4.095%
40	10.681	1269	1274	1278	rVB4	1491	2186	0.33%	0.024%
41	10.910	1306	1313	1320	rVB	184940	296605	44.20%	3.230%
42	11.045	1329	1336	1345	rBV	216318	354379	52.81%	3.859%
43	11.233	1363	1368	1374	rBV	46109	69798	10.40%	0.760%
44	11.675	1439	1443	1449	rVB3	1816	2548	0.38%	0.028%
45	11.839	1466	1471	1475	rBV4	774	1181	0.18%	0.013%
46	11.910	1479	1483	1486	rVV2	2736	3750	0.56%	0.041%
47	12.486	1573	1581	1588	rBV	3007	4581	0.68%	0.050%
48	12.692	1612	1616	1622	rBV3	637	1331	0.20%	0.014%
49	13.086	1679	1683	1690	rVV2	4775	7984	1.19%	0.087%
50	13.327	1719	1724	1729	rVV	7277	10257	1.53%	0.112%
51	13.563	1761	1764	1768	rVB3	912	1446	0.22%	0.016%
52	13.610	1768	1772	1775	rBV3	3035	4131	0.62%	0.045%
53	13.780	1794	1801	1805	rVB2	8707	12487	1.86%	0.136%
54	14.127	1854	1860	1865	rBV	313875	438939	65.41%	4.780%
55	14.174	1865	1868	1877	rVV	30261	37952	5.66%	0.413%
56	14.363	1895	1900	1904	rBV4	3585	5106	0.76%	0.056%
57	14.422	1904	1910	1923	rVB	385662	561103	83.61%	6.110%
58	14.604	1938	1941	1944	rBV3	1053	1444	0.22%	0.016%
59	14.727	1952	1962	1969	rVB	233595	337979	50.36%	3.680%
60	14.792	1970	1973	1977	rBV3	1569	2035	0.30%	0.022%
61	14.857	1980	1984	1988	rBV2	1577	2148	0.32%	0.023%
62	14.916	1988	1994	2007	rVB	131345	189617	28.26%	2.065%
63	15.116	2023	2028	2032	rBV3	2026	2900	0.43%	0.032%
64	15.504	2090	2094	2097	rVV	2860	3424	0.51%	0.037%
65	15.716	2123	2130	2136	rVB	440323	622508	92.76%	6.779%
66	15.827	2145	2149	2155	rVV	107416	149021	22.21%	1.623%
67	15.951	2165	2170	2174	rVB2	4852	6496	0.97%	0.071%
68	16.327	2231	2234	2235	rBV2	1045	1158	0.17%	0.013%
69	16.480	2255	2260	2264	rVV4	2222	3867	0.58%	0.042%
70	16.586	2275	2278	2282	rVB3	1565	1870	0.28%	0.020%
71	16.763	2304	2308	2311	rBV	4711	5523	0.82%	0.060%

LSC Area Percent Report

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Instrument : BNA_M
ClientSampleId : F1C17

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Title : SVOA CALIBRATION

72	16.898	2327	2331	2333	rBV3	1097	1327	0.20%	0.014%
73	17.180	2375	2379	2384	rVV4	3890	6516	0.97%	0.071%
74	17.245	2386	2390	2396	rVV3	1933	3752	0.56%	0.041%
75	17.345	2405	2407	2412	rVB3	1003	1483	0.22%	0.016%
76	17.457	2419	2426	2430	rBV	236770	336837	50.19%	3.668%
77	17.492	2430	2432	2436	rVV	4214	5049	0.75%	0.055%
78	17.551	2436	2442	2454	rVV	441995	604385	90.06%	6.581%
79	17.692	2463	2466	2469	rBV2	1641	2209	0.33%	0.024%
80	18.092	2532	2534	2539	rVB4	969	1466	0.22%	0.016%
81	18.204	2549	2553	2556	rBV6	1282	2030	0.30%	0.022%
82	18.315	2567	2572	2579	rBV	60605	81833	12.19%	0.891%
83	18.362	2579	2580	2582	rVV2	2342	2025	0.30%	0.022%
84	18.398	2583	2586	2589	rVB	3568	3656	0.54%	0.040%
85	18.521	2603	2607	2614	rVB6	2533	5422	0.81%	0.059%
86	18.668	2630	2632	2634	rVB3	1656	1143	0.17%	0.012%
87	18.898	2669	2671	2672	rBV2	1396	1260	0.19%	0.014%
88	18.915	2672	2674	2676	rVB3	2106	2268	0.34%	0.025%
89	18.974	2682	2684	2686	rBV2	1439	1720	0.26%	0.019%
90	19.074	2698	2701	2705	rVB	5501	6156	0.92%	0.067%
91	19.162	2714	2716	2719	rBV4	1330	1254	0.19%	0.014%
92	19.456	2763	2766	2767	rBV	5969	5962	0.89%	0.065%
93	19.486	2768	2771	2775	rVB2	10150	12762	1.90%	0.139%
94	19.574	2783	2786	2791	rBV2	12127	16139	2.40%	0.176%
95	19.704	2806	2808	2811	rBV2	3550	4346	0.65%	0.047%
96	19.821	2822	2828	2839	rVB	476959	666252	99.28%	7.255%
97	21.274	3071	3075	3080	rBV	89868	111919	16.68%	1.219%
98	21.574	3122	3126	3131	rBV	275356	348376	51.91%	3.793%
99	23.750	3490	3496	3504	rVB	348597	671073	100.00%	7.307%
100	23.897	3515	3521	3528	rVB2	191529	362006	53.94%	3.942%

Sum of corrected areas: 9183538

LSC Report - Integrated Chromatogram

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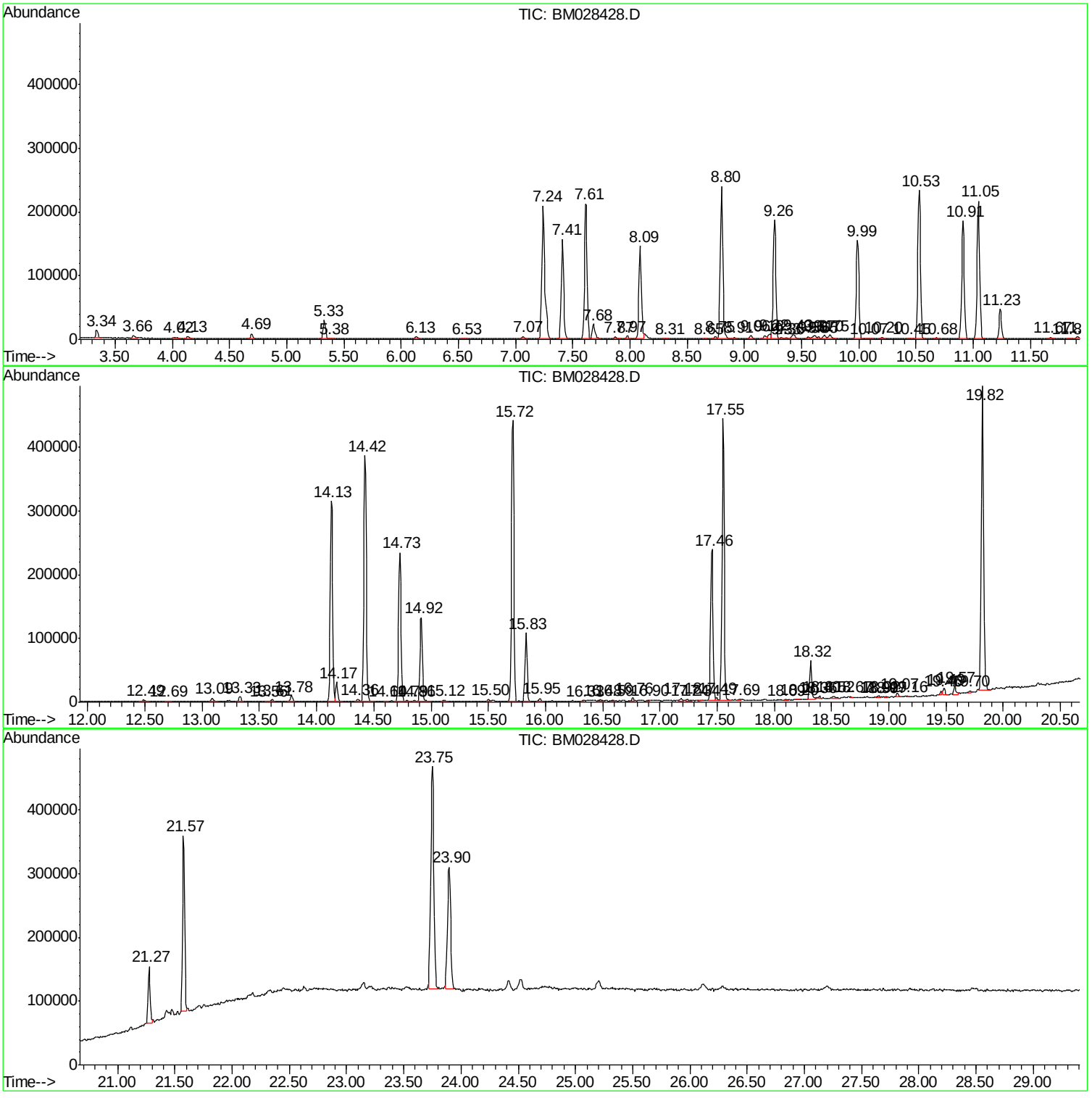
Sample : M1099-21
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1C17

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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Quant Title : SVOA CALIBRATION

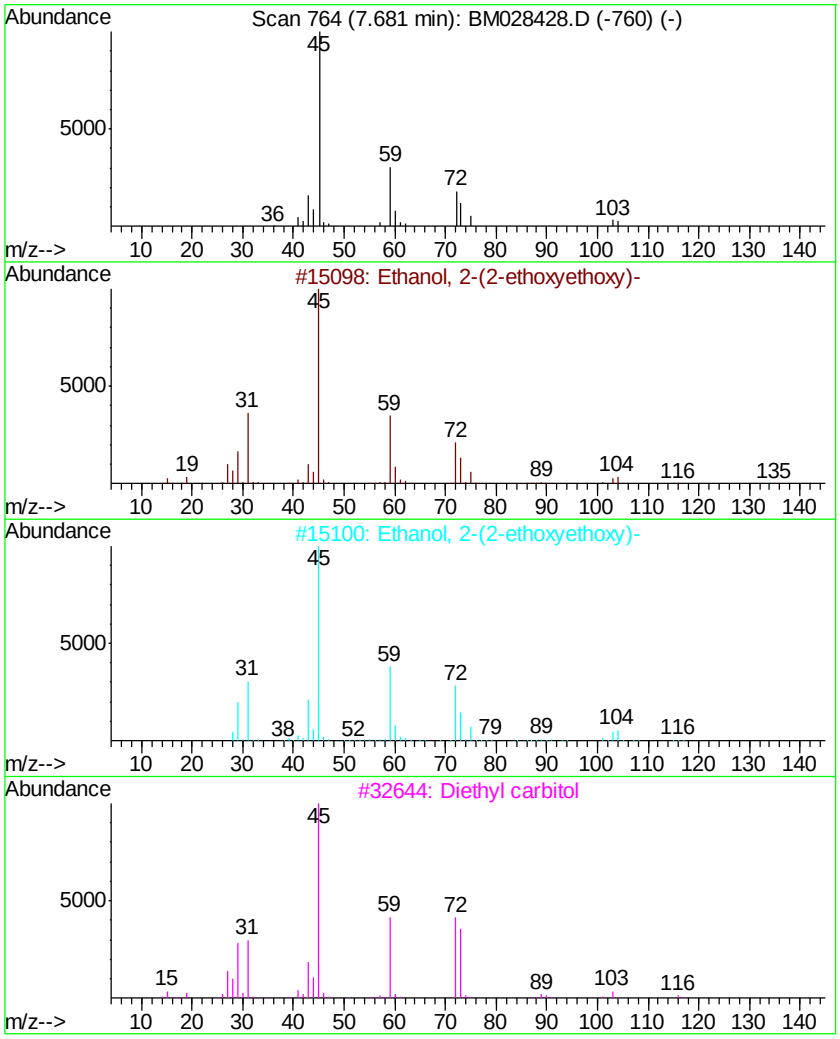
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

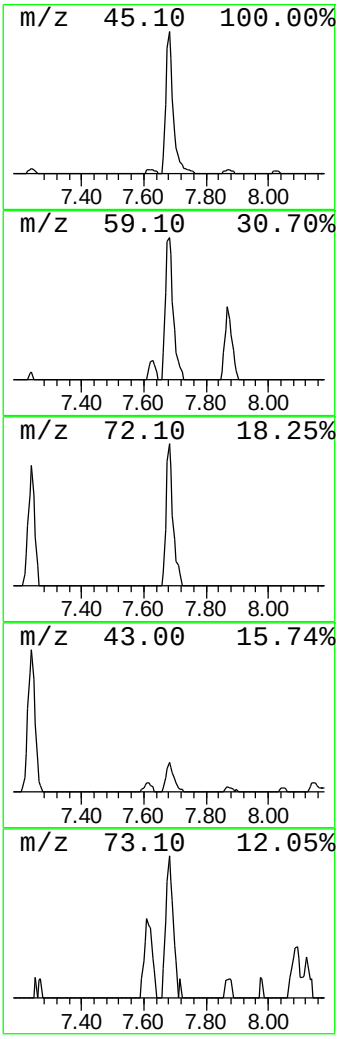
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	3.16 ng/ul	36857	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	78
3	Diethyl carbitol	162	C8H18O3	000112-36-7	72
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	50
5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	50





Library Search Compound Report

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

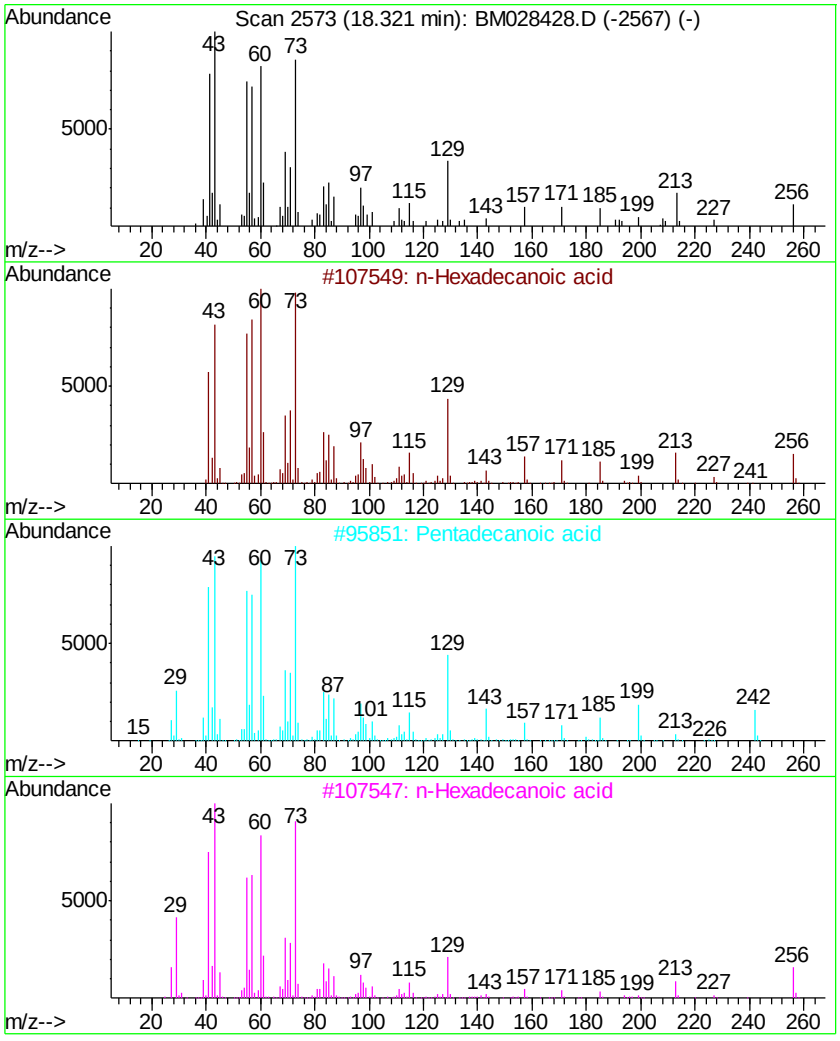
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

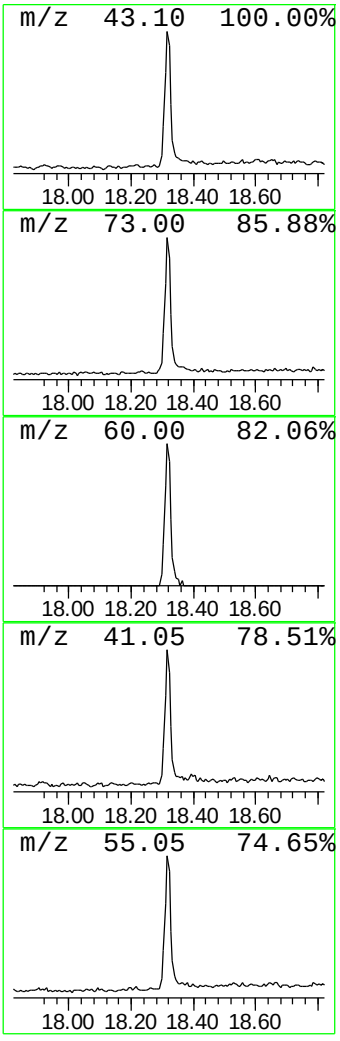
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	4.86 ng/ul	81833	Phenanthrene-d10	17.46

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	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	87





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Instrument : BNA_M
ClientSampleId : F1C17

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

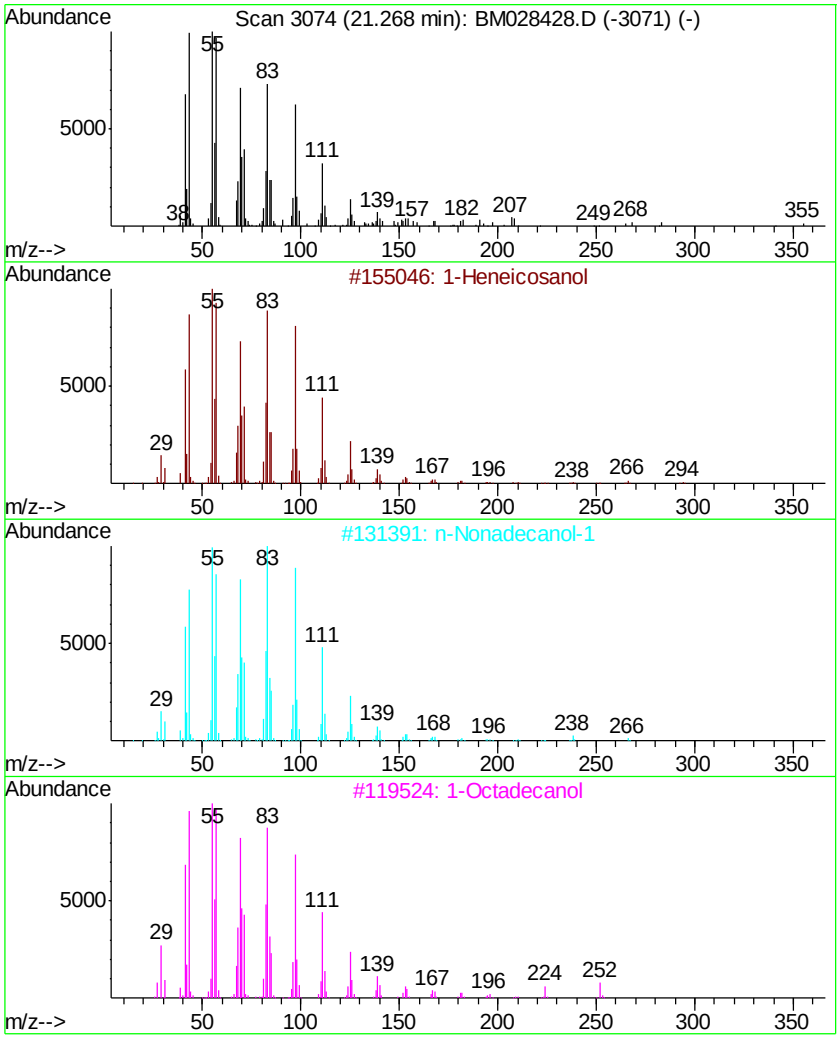
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

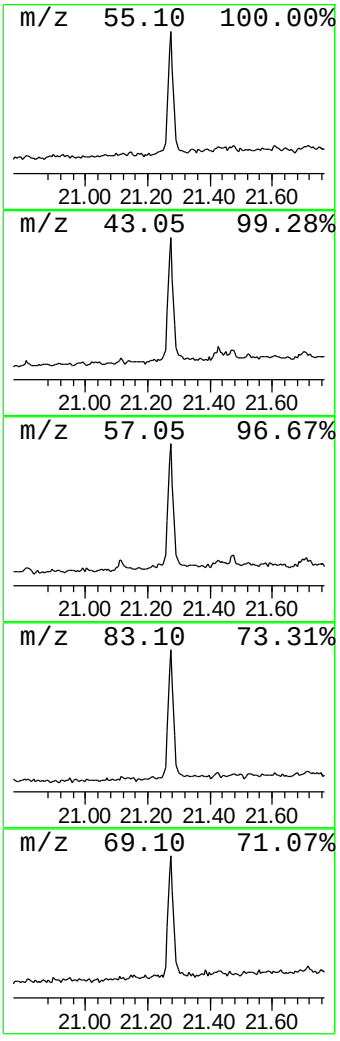
****

Peak Number 4 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	6.43 ng/ul	111919	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	1-Octadecanol	270	C18H38O	000112-92-5	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94





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	3.2	ng/ul	36857	1	8.09	233380	20.0
n-Hexadecanoic acid	18.32	4.9	ng/ul	81833	4	17.46	336837	20.0
1-Heneicosanol	21.27	6.4	ng/ul	111919	5	21.57	348376	20.0