LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028422.D
Acq On : 18 Jan 2021 13:00
Operator : CG/JU
Sample : M1117-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFN60

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	3.346	24	27	34	rVB	3144	3921	1.00%	0.085%
2	3.804	100	105	110	rVB2	2264	3126	0.79%	0.068%
3	3.910	118	123	129	rVB	10695	15077	3.83%	0.326%
4	3.987	132	136	139	rVV	1445	2134	0.54%	0.046%
5	4.034	139	144	150	rVB2	2234	4039	1.03%	0.087%
6	4.140	158	162	167	rVB2	1579	2757	0.70%	0.060%
7	4.187	167	170	172	rBV2	563	651	0.17%	0.014%
8	4.293	183	188	191	rVB2	314	514	0.13%	0.011%
9	4.334	191	195	200	rVB2	373	704	0.18%	0.015%
10	4.381	200	203	205	rBV2	997	1130	0.29%	0.024%
11	4.534	226	229	233	rBV	967	1215	0.31%	0.026%
12	4.699	253	257	260	rBV2	2161	2534	0.64%	0.055%
13	4.734	260	263	269	rVB3	1801	2577	0.65%	0.056%
14	4.828	272	279	281	rBV2	539	1084	0.28%	0.023%
15	5.110	324	327	335	rVB2	2757	4411	1.12%	0.095%
16	5.222	344	346	350	rBV2	1609	2383	0.61%	0.051%
17	6.934	634	637	640	rBB	560	599	0.15%	0.013%
18	7.240	683	689	701	rBV2	60004	109574	27.83%	2.368%
19	7.410	713	718	725	rVB	44410	69034	17.54%	1.492%
20	7.616	747	753	760	rVB	65214	98468	25.01%	2.128%
21	7.698	764	767	769	rBV2	1931	2405	0.61%	0.052%
22	8.092	826	834	840	rBB	126879	196689	49.96%	4.251%
23	8.804	949	955	962	rBB	56544	88351	22.44%	1.909%
24	8.922	970	975	982	rBB	10844	17432	4.43%	0.377%
25	9.057	994	998	1000	rBV2	612	892	0.23%	0.019%
26	9.263	1027	1033	1040	rBB	53259	86606	22.00%	1.872%
27	9.651	1093	1099	1102	rBB	1796	2542	0.65%	0.055%
28	9.992	1150	1157	1163	rBB	45611	71956	18.28%	1.555%
29	10.139	1177	1182	1186	rBV	2928	4807	1.22%	0.104%
30	10.345	1213	1217	1222	rBB	1409	1789	0.45%	0.039%
31	10.528	1242	1248	1255	rBV	69952	111128	28.23%	2.402%
32	10.910	1306	1313	1320	rBV	158370	268711	68.26%	5.807%
33	11.045	1330	1336	1346	rBV	44453	73839	18.76%	1.596%
34	11.698	1444	1447	1451	rVB	1292	1640	0.42%	0.035%

LSC Area Percent Report

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Operator : CG/JU
Sample : M1117-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFN60

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	12.304	1547	1550	1555	rBV	801	792	0.20%	0.017%
36	12.492	1579	1582	1588	rVB2	756	923	0.23%	0.020%
37	13.539	1756	1760	1764	rVB2	1065	1536	0.39%	0.033%
38	13.610	1769	1772	1775	rBV	780	879	0.22%	0.019%
39	14.133	1855	1861	1865	rBV	110029	148773	37.79%	3.215%
40	14.174	1865	1868	1873	rVB	16695	21268	5.40%	0.460%
41	14.427	1903	1911	1920	rVB	129608	186615	47.40%	4.033%
42	14.604	1938	1941	1944	rVB3	1357	1622	0.41%	0.035%
43	14.727	1956	1962	1968	rBV	216417	324648	82.47%	7.016%
44	14.792	1970	1973	1975	rVB	494	545	0.14%	0.012%
45	14.916	1989	1994	2001	rBV	47513	66620	16.92%	1.440%
46	15.068	2015	2020	2023	rBV	2236	2509	0.64%	0.054%
47	15.133	2023	2031	2034	rBV3	1799	2934	0.75%	0.063%
48	15.498	2091	2093	2096	rBV2	785	709	0.18%	0.015%
49	15.551	2099	2102	2106	rVB2	1209	1466	0.37%	0.032%
50	15.715	2123	2130	2136	rBV	158187	219818	55.84%	4.750%
51	15.768	2136	2139	2143	rVB	1532	1848	0.47%	0.040%
52	15.833	2143	2150	2156	rBV	32444	44385	11.27%	0.959%
53	15.904	2159	2162	2164	rVV	532	624	0.16%	0.013%
54	15.957	2164	2171	2174	rVB4	1598	2648	0.67%	0.057%
55	16.015	2179	2181	2182	rBV	573	551	0.14%	0.012%
56	16.051	2185	2187	2189	rVB	633	551	0.14%	0.012%
57	16.068	2189	2190	2192	rBV	657	654	0.17%	0.014%
58	16.157	2202	2205	2210	rVB5	721	953	0.24%	0.021%
59	16.327	2229	2234	2235	rBV2	700	804	0.20%	0.017%
60	16.398	2245	2246	2249	rBV2	1111	1275	0.32%	0.028%
61	16.492	2258	2262	2265	rVB3	768	1094	0.28%	0.024%
62	16.527	2265	2268	2270	rBV2	516	725	0.18%	0.016%
63	16.627	2283	2285	2288	rVB2	501	548	0.14%	0.012%
64	16.674	2291	2293	2297	rVB3	1008	1351	0.34%	0.029%
65	16.839	2318	2321	2324	rBV3	961	808	0.21%	0.017%
66	16.892	2328	2330	2332	rBV3	788	821	0.21%	0.018%
67	16.992	2343	2347	2348	rVB4	1050	971	0.25%	0.021%
68	17.039	2353	2355	2358	rBV3	831	952	0.24%	0.021%
69	17.192	2378	2381	2385	rBV3	2048	2391	0.61%	0.052%
70	17.245	2387	2390	2392	rBV4	1363	1425	0.36%	0.031%
71	17.327	2402	2404	2411	rVB4	861	1199	0.30%	0.026%

LSC Area Percent Report

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Data File : BM028422.D
Acq On : 18 Jan 2021 13:00
Operator : CG/JU
Sample : M1117-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFN60

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	17.404	2416	2417	2419	rBV	595	541	0.14%	0.012%
73	17.457	2420	2426	2431	rVV	261159	355478	90.30%	7.682%
74	17.498	2431	2433	2437	rVV	17645	20170	5.12%	0.436%
75	17.551	2437	2442	2447	rVV	159247	230097	58.45%	4.973%
76	17.586	2447	2448	2452	rVB2	4012	3287	0.83%	0.071%
77	17.651	2457	2459	2462	rBV4	962	946	0.24%	0.020%
78	17.704	2464	2468	2471	rBV4	1974	3146	0.80%	0.068%
79	17.733	2471	2473	2475	rVB3	1153	812	0.21%	0.018%
80	17.886	2497	2499	2500	rVB2	1104	514	0.13%	0.011%
81	17.904	2500	2502	2503	rBV2	1081	862	0.22%	0.019%
82	17.945	2508	2509	2512	rVB3	1644	1176	0.30%	0.025%
83	17.974	2512	2514	2515	rBV2	1619	1162	0.30%	0.025%
84	17.992	2515	2517	2520	rVB4	1376	1016	0.26%	0.022%
85	18.033	2522	2524	2525	rBV3	1310	1033	0.26%	0.022%
86	18.092	2532	2534	2538	rBV5	1671	2060	0.52%	0.045%
87	18.245	2559	2560	2563	rBV3	1364	1215	0.31%	0.026%
88	18.321	2567	2573	2578	rBV2	28084	41047	10.43%	0.887%
89	18.368	2579	2581	2585	rVB3	3918	4755	1.21%	0.103%
90	18.509	2601	2605	2609	rBV5	5478	10437	2.65%	0.226%
91	18.892	2668	2670	2675	rBV2	4996	7656	1.94%	0.165%
92	19.492	2767	2772	2776	rVB	44441	58534	14.87%	1.265%
93	19.821	2823	2828	2831	rBV	208178	287013	72.91%	6.203%
94	21.274	3072	3075	3080	rBV	101005	123867	31.46%	2.677%
95	21.580	3122	3127	3131	rBV	302432	393677	100.00%	8.508%
96	22.627	3302	3305	3311	rVB	101747	129292	32.84%	2.794%
97	23.750	3491	3496	3501	rBV2	168524	284009	72.14%	6.138%
98	23.903	3517	3522	3528	rVB2	193158	360594	91.60%	7.793%

Sum of corrected areas: 4627350

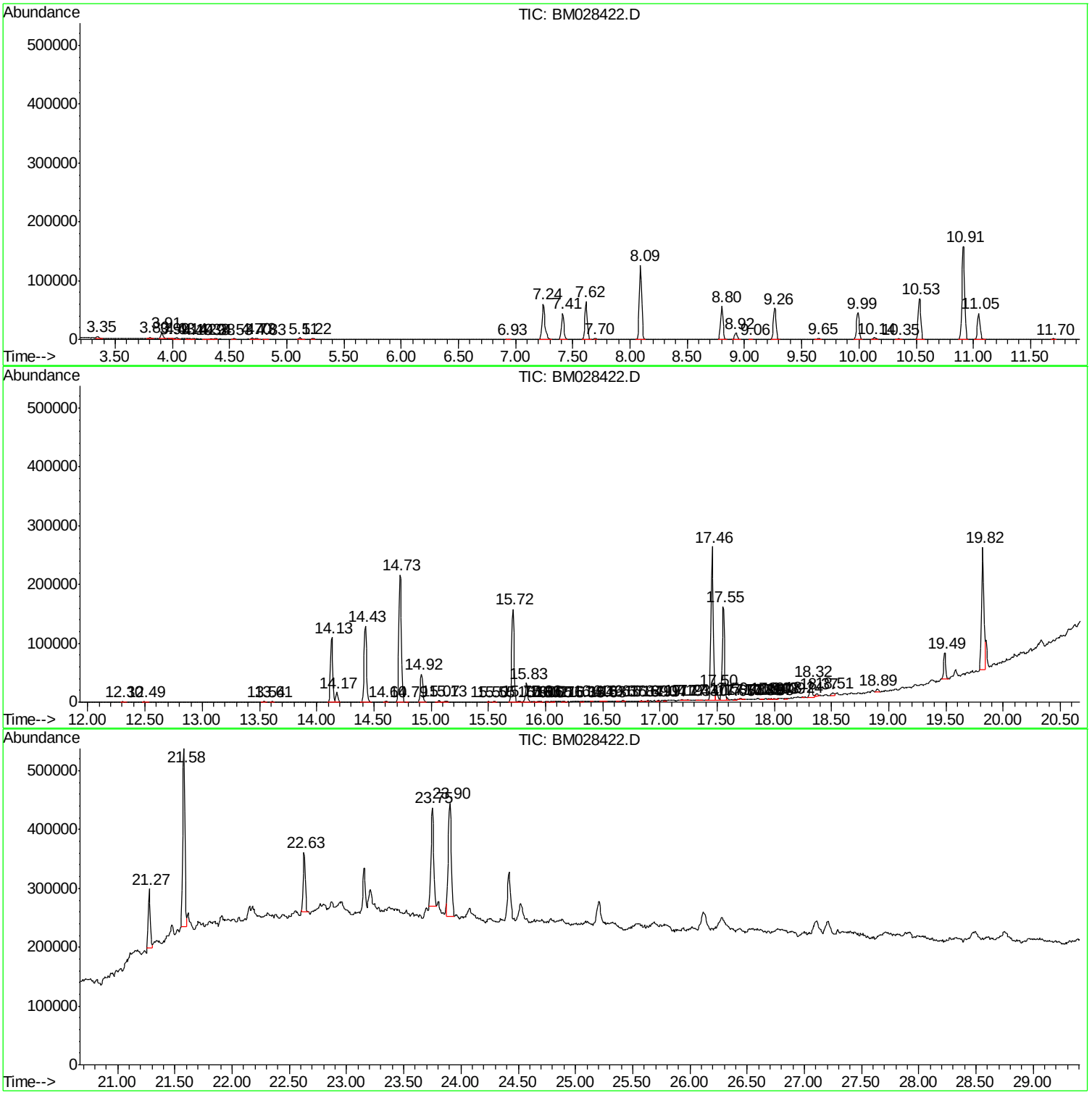
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028422.D
Acq On : 18 Jan 2021 13:00
Operator : CG/JU
Sample : M1117-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFN60

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\
Data File : BM028422.D
Acq On : 18 Jan 2021 13:00
Operator : CG/JU
Sample : M1117-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFN60

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Quant Title : SVOA CALIBRATION

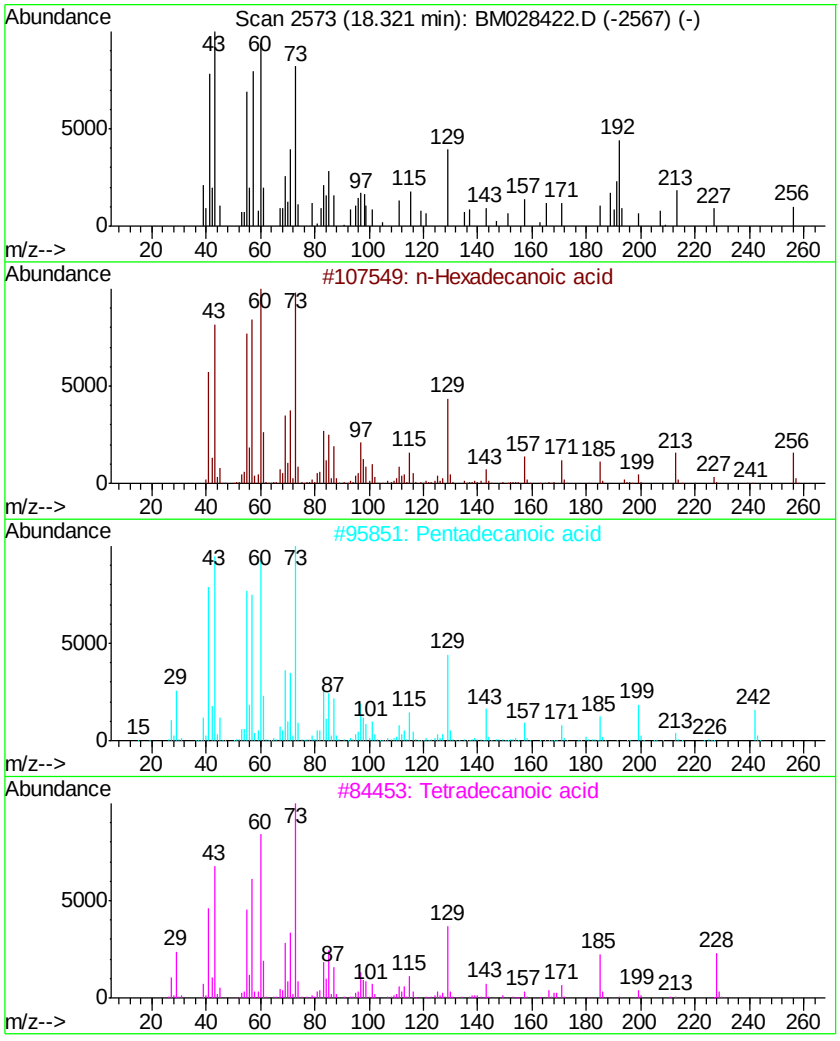
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

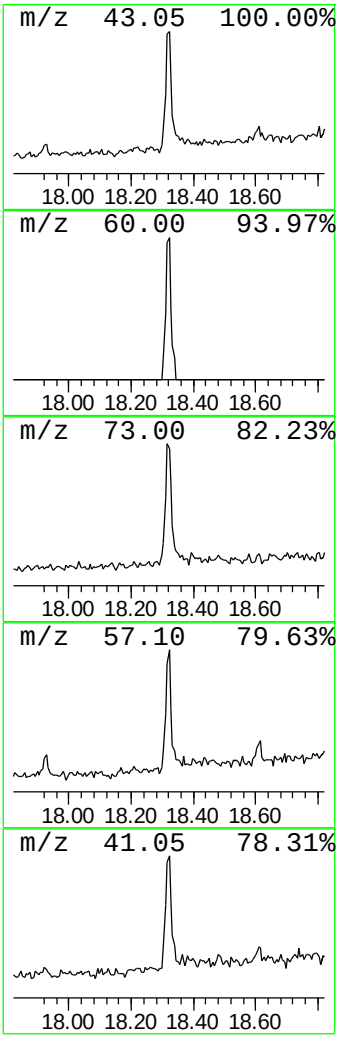
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.31 ng/ul	41047	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	60
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





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Acq On : 18 Jan 2021 13:00
Operator : CG/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFN60

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

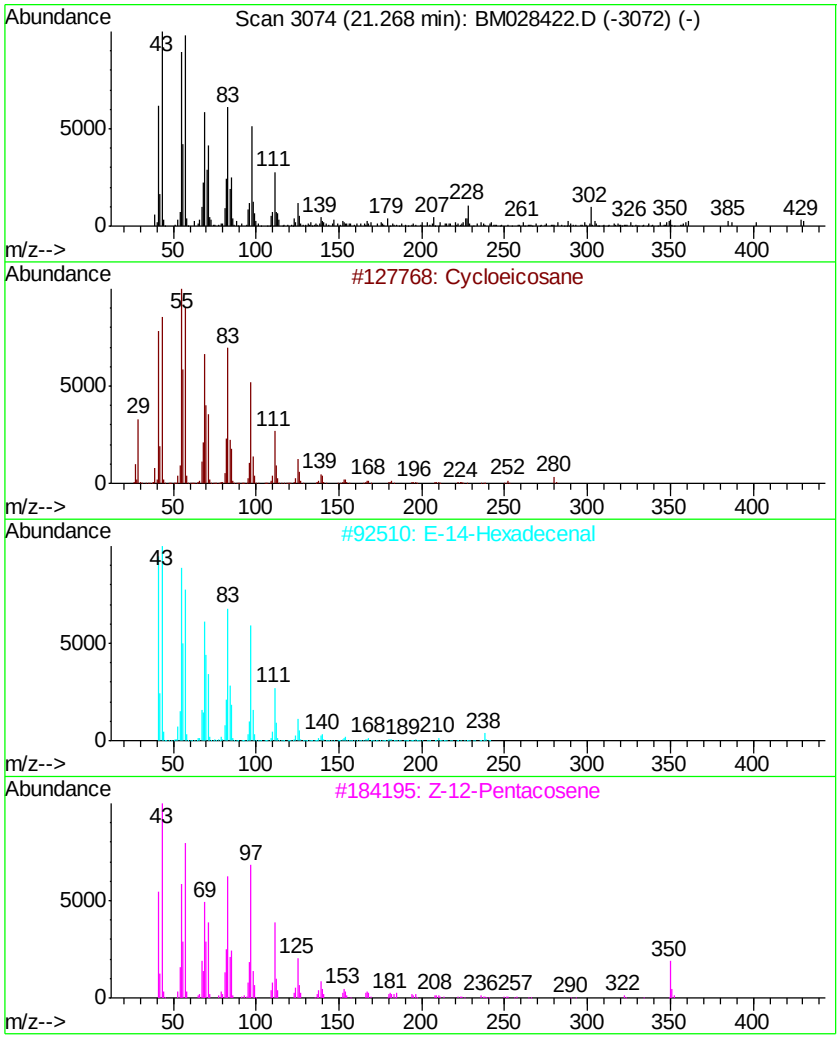
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

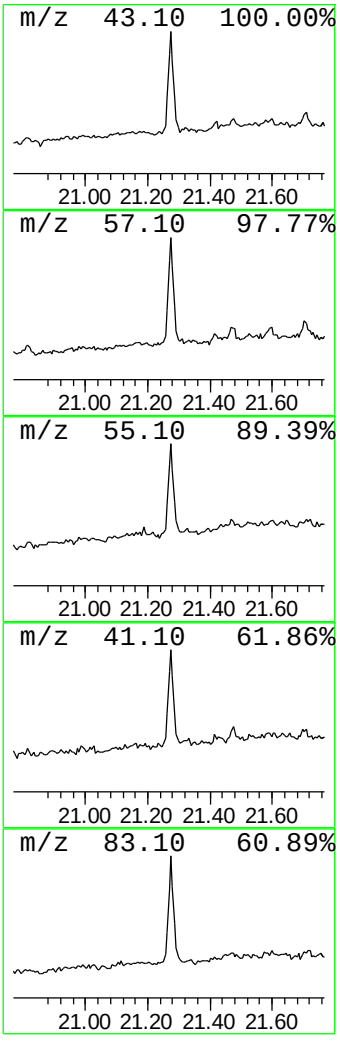
****

Peak Number 2 (DEL) Alkane: Cyclic21.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	6.29 ng/ul	123867	Chrysene-d12	21.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	98
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	95
3	Z-12-Pentacosene	350	C25H50	1000131-09-4	94
4	1-Docosene	308	C22H44	001599-67-3	93
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	93





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BFN60

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

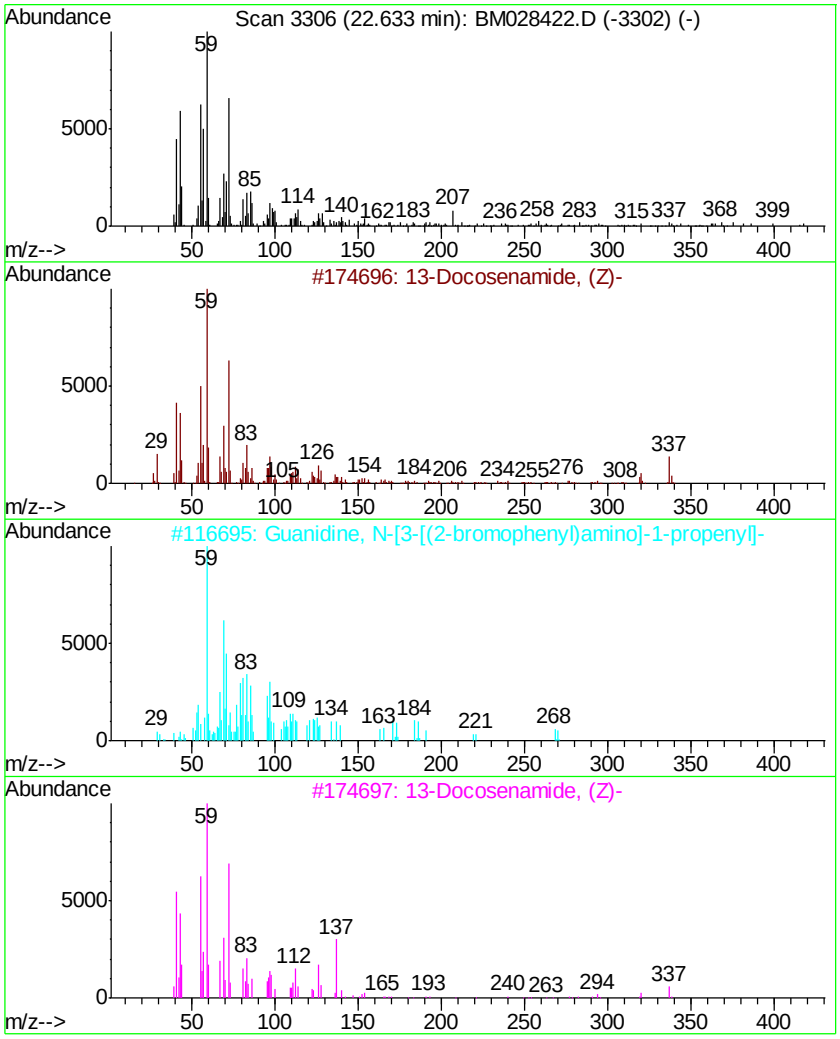
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

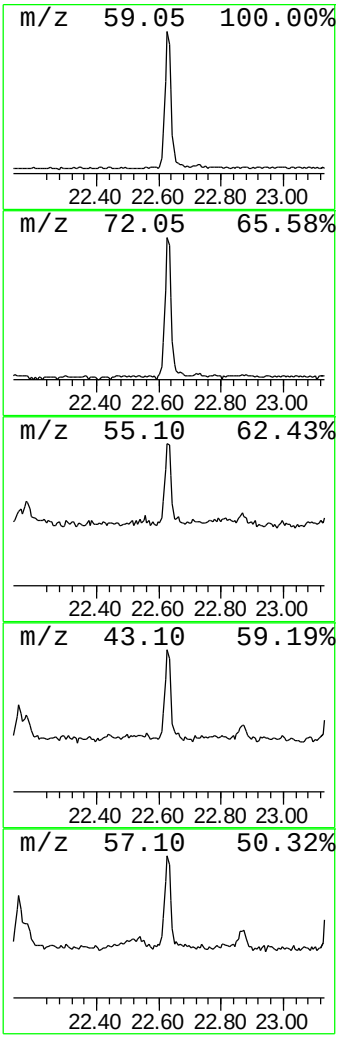
****

Peak Number 3 13-Docosenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	6.57 ng/ul	129292	Chrysene-d12	21.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
2	Guanidine, N-[3-[(2-bromophenyl)...	268	C10H13BrN4	1000349-85-6	83
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	76
4	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	47
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011821\
Data File : BM028422.D
Acq On : 18 Jan 2021 13:00
Operator : CG/JU
Sample : M1117-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
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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
n-Hexadecanoic acid	18.32	2.3	ng/ul	41047	4	17.46	355478	20.0
(DEL) Alkane: Cyc...	21.27	6.3	ng/ul	123867	5	21.58	393677	20.0
13-Docosenamide, ...	22.63	6.6	ng/ul	129292	5	21.58	393677	20.0