LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM030012.D
Acq On : 13 May 2021 15:34
Operator : CG/JU
Sample : M2336-01
Misc :
ALS Vial : 112 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG6K9

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\SFAM-EPA-BM050721.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	3.681	130	135	145	rVB3	20356	42624	0.80%	0.085%
2	3.769	145	150	163	rBV	140033	218725	4.08%	0.438%
3	5.010	355	361	370	rBV	176634	281636	5.26%	0.564%
4	5.569	450	456	462	rBV	25220	41325	0.77%	0.083%
5	6.540	613	621	629	rBV7	11973	24080	0.45%	0.048%
6	6.734	645	654	669	rBV	106621	261635	4.89%	0.524%
7	6.887	672	680	696	rBV	380655	730396	13.64%	1.463%
8	7.075	706	712	729	rBV	477689	862754	16.11%	1.728%
9	7.199	729	733	741	rVV3	22402	42516	0.79%	0.085%
10	7.540	783	791	803	rBV	541841	944540	17.64%	1.892%
11	7.652	807	810	815	rVB3	18207	28348	0.53%	0.057%
12	7.893	845	851	860	rVB2	24174	48653	0.91%	0.097%
13	8.257	907	913	926	rBV	307236	591765	11.05%	1.185%
14	8.534	955	960	967	rVB	31205	48601	0.91%	0.097%
15	8.698	982	988	1002	rVV	521787	991273	18.51%	1.986%
16	8.798	1003	1005	1010	rVV3	18560	31557	0.59%	0.063%
17	8.851	1010	1014	1023	rVB4	24571	50744	0.95%	0.102%
18	9.410	1102	1109	1123	rBV	469925	864864	16.15%	1.733%
19	9.569	1126	1136	1145	rVB5	33704	92001	1.72%	0.184%
20	9.716	1156	1161	1165	rVV5	16296	35355	0.66%	0.071%
21	9.769	1166	1170	1175	rVV7	13285	29488	0.55%	0.059%
22	9.951	1194	1201	1213	rBV	566130	1187634	22.18%	2.379%
23	10.216	1242	1246	1252	rBV4	12756	29330	0.55%	0.059%
24	10.310	1255	1262	1269	rBV	845022	1417088	26.46%	2.839%
25	10.722	1322	1332	1339	rBV	13504	40256	0.75%	0.081%
26	11.175	1399	1409	1417	rBV	11794	47899	0.89%	0.096%
27	11.339	1431	1437	1442	rVB9	10462	21842	0.41%	0.044%
28	11.475	1447	1460	1466	rBV	88313	170977	3.19%	0.343%
29	11.575	1473	1477	1483	rVB8	11483	24035	0.45%	0.048%
30	11.645	1483	1489	1496	rBV3	28349	53661	1.00%	0.107%
31	11.739	1500	1505	1510	rVV9	12433	25622	0.48%	0.051%
32	11.904	1530	1533	1538	rVV4	32448	62797	1.17%	0.126%
33	11.951	1538	1541	1546	rVV6	20065	34887	0.65%	0.070%
34	12.016	1546	1552	1558	rVB6	16126	31636	0.59%	0.063%

LSC Area Percent Report

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Operator : CG/JU
Sample : M2336-01
Misc :
ALS Vial : 112 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG6K9

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\SFAM-EPA-BM050721.M
Title : SVOA CALIBRATION

35	12.151	1567	1575	1581	rBV8	17986	45872	0.86%	0.092%
36	12.239	1585	1590	1593	rVV7	16977	28270	0.53%	0.057%
37	12.286	1595	1598	1602	rVV6	14736	23005	0.43%	0.046%
38	12.434	1619	1623	1627	rVB2	23465	32968	0.62%	0.066%
39	12.557	1642	1644	1656	rVB10	14282	37593	0.70%	0.075%
40	12.669	1657	1663	1668	rBV2	84195	135343	2.53%	0.271%
41	12.722	1668	1672	1678	rBV5	22741	47445	0.89%	0.095%
42	13.016	1713	1722	1728	rVV2	123347	221149	4.13%	0.443%
43	13.098	1732	1736	1742	rVV5	17192	29858	0.56%	0.060%
44	13.163	1742	1747	1751	rVV7	13804	28372	0.53%	0.057%
45	13.239	1755	1760	1770	rVB	119727	189667	3.54%	0.380%
46	13.333	1772	1776	1779	rVV4	16369	25432	0.47%	0.051%
47	13.551	1808	1813	1816	rBV5	15703	26662	0.50%	0.053%
48	13.610	1816	1823	1828	rVV	1652627	2369325	44.24%	4.746%
49	13.657	1828	1831	1839	rVV2	87596	164979	3.08%	0.331%
50	13.722	1839	1842	1851	rVB3	36263	61055	1.14%	0.122%
51	13.804	1851	1856	1858	rBV3	14864	25743	0.48%	0.052%
52	13.875	1858	1868	1879	rVV	1739575	2754840	51.44%	5.519%
53	14.098	1901	1906	1911	rBV	124800	161900	3.02%	0.324%
54	14.186	1914	1921	1937	rVV	1440920	2125383	39.69%	4.258%
55	14.445	1960	1965	1977	rBV5	51028	172240	3.22%	0.345%
56	14.551	1978	1983	1988	rBV3	45350	94627	1.77%	0.190%
57	14.680	2000	2005	2009	rVB7	15102	30237	0.56%	0.061%
58	14.727	2009	2013	2017	rBV4	32043	50204	0.94%	0.101%
59	14.857	2031	2035	2039	rBV2	27062	37538	0.70%	0.075%
60	14.957	2048	2052	2056	rBV6	13358	22956	0.43%	0.046%
61	14.998	2056	2059	2062	rVV4	20974	32742	0.61%	0.066%
62	15.057	2065	2069	2073	rVV	89607	113404	2.12%	0.227%
63	15.186	2084	2091	2104	rBV2	2499339	4322416	80.71%	8.659%
64	15.280	2104	2107	2110	rVV5	41650	62519	1.17%	0.125%
65	15.322	2110	2114	2127	rVV	809142	1284917	23.99%	2.574%
66	15.457	2129	2137	2150	rVB6	120180	301151	5.62%	0.603%
67	15.563	2151	2155	2158	rBV4	13619	21770	0.41%	0.044%
68	15.716	2177	2181	2184	rBV	50202	64277	1.20%	0.129%
69	15.757	2184	2188	2191	rVB3	25001	34505	0.64%	0.069%
70	15.816	2194	2198	2199	rBV3	31970	42933	0.80%	0.086%
71	15.916	2212	2215	2218	rBV	25083	34482	0.64%	0.069%

LSC Area Percent Report

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Sample : M2336-01
Misc :
ALS Vial : 112 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG6K9

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\SFAM-EPA-BM050721.M
Title : SVOA CALIBRATION

72	16.039	2232	2236	2241	rVB	26046	41252	0.77%	0.083%
73	16.092	2241	2245	2249	rBV3	32391	52598	0.98%	0.105%
74	16.233	2265	2269	2276	rBV4	37636	80362	1.50%	0.161%
75	16.416	2297	2300	2304	rVB	35883	48306	0.90%	0.097%
76	16.492	2310	2313	2318	rVB	50566	69768	1.30%	0.140%
77	16.545	2319	2322	2326	rVB	27376	36168	0.68%	0.072%
78	16.798	2361	2365	2371	rVB3	48461	72060	1.35%	0.144%
79	16.933	2378	2388	2399	rBV	1667507	2489513	46.48%	4.987%
80	17.033	2399	2405	2413	rVV	2836442	3944919	73.66%	7.903%
81	17.104	2413	2417	2428	rVB	453375	658554	12.30%	1.319%
82	17.316	2450	2453	2457	rBV6	14084	22263	0.42%	0.045%
83	17.421	2468	2471	2478	rVB5	29668	49968	0.93%	0.100%
84	17.721	2518	2522	2530	rBV10	17481	36904	0.69%	0.074%
85	17.845	2538	2543	2549	rBV	242578	381090	7.12%	0.763%
86	17.974	2562	2565	2574	rVB2	71957	108741	2.03%	0.218%
87	18.333	2622	2626	2632	rBV3	26255	44189	0.83%	0.089%
88	18.398	2634	2637	2640	rVB2	24997	31179	0.58%	0.062%
89	18.598	2667	2671	2676	rBV2	41360	61328	1.15%	0.123%
90	18.921	2722	2726	2729	rVB2	56004	66411	1.24%	0.133%
91	19.057	2746	2749	2753	rVB2	38288	47910	0.89%	0.096%
92	19.098	2753	2756	2758	rBV	25746	31726	0.59%	0.064%
93	19.133	2758	2762	2769	rVV3	51343	79222	1.48%	0.159%
94	19.333	2790	2796	2810	rBV	3803276	5355619	100.00%	10.729%
95	20.351	2965	2969	2980	rVB	173741	280590	5.24%	0.562%
96	20.851	3050	3054	3063	rBV	555140	790171	14.75%	1.583%
97	21.121	3095	3100	3113	rBV	2212379	2922207	54.56%	5.854%
98	21.245	3118	3121	3126	rVV	221170	268321	5.01%	0.538%
99	23.139	3437	3443	3458	rVV	2403797	4484390	83.73%	8.984%
100	23.274	3460	3466	3483	rVB2	1461972	2693769	50.30%	5.396%

Sum of corrected areas: 49917821

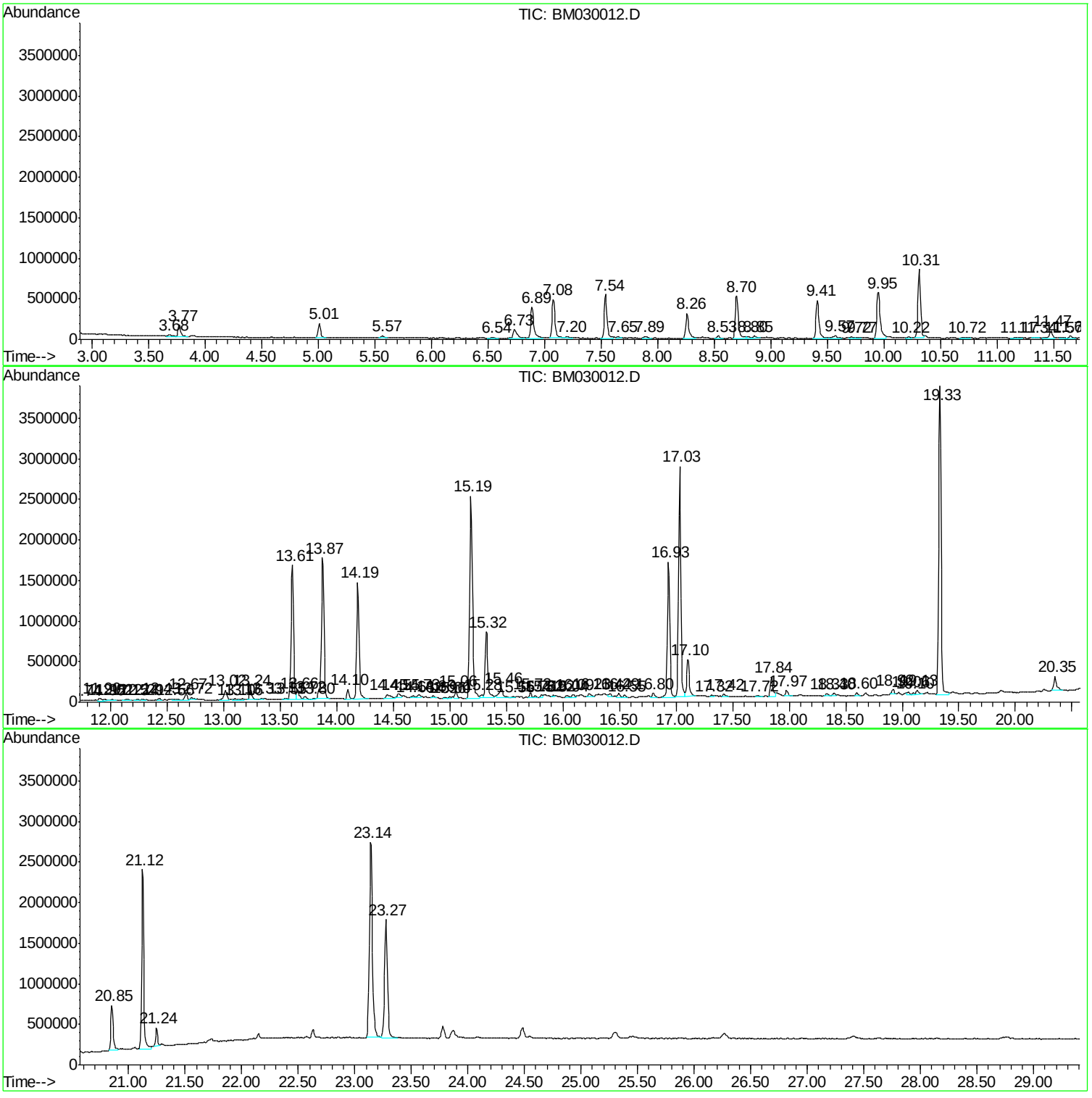
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM030012.D
Acq On : 13 May 2021 15:34
Operator : CG/JU
Sample : M2336-01
Misc :
ALS Vial : 112 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG6K9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.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\BM051021\
Data File : BM030012.D
Acq On : 13 May 2021 15:34
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Quant Title : SVOA CALIBRATION

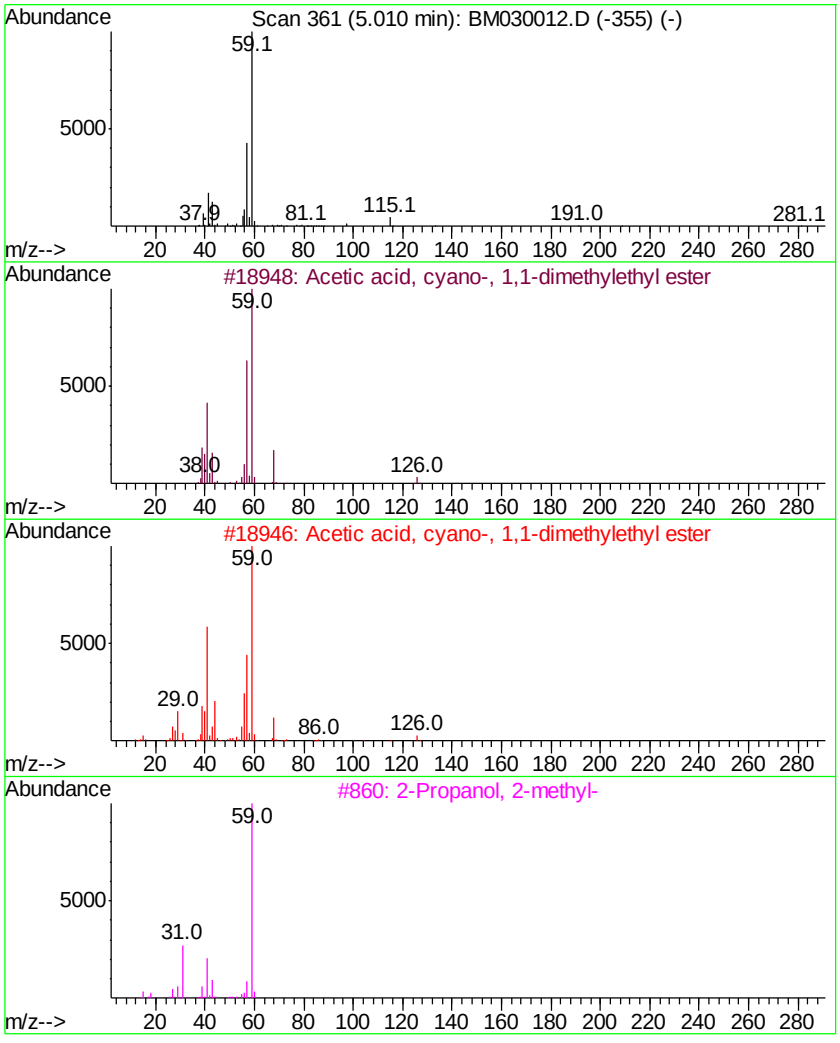
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

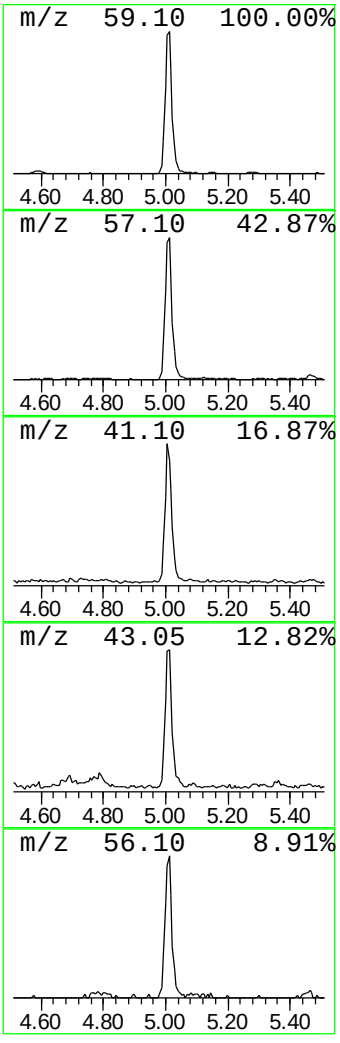
****

Peak Number 2 Acetic acid, cyano-, 1,1-di... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	5.96 ng/ul	281636	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	56
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	38
4	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	36
5	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM030012.D
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Operator : CG/JU
Sample : M2336-01
Misc :
ALS Vial : 112 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG6K9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

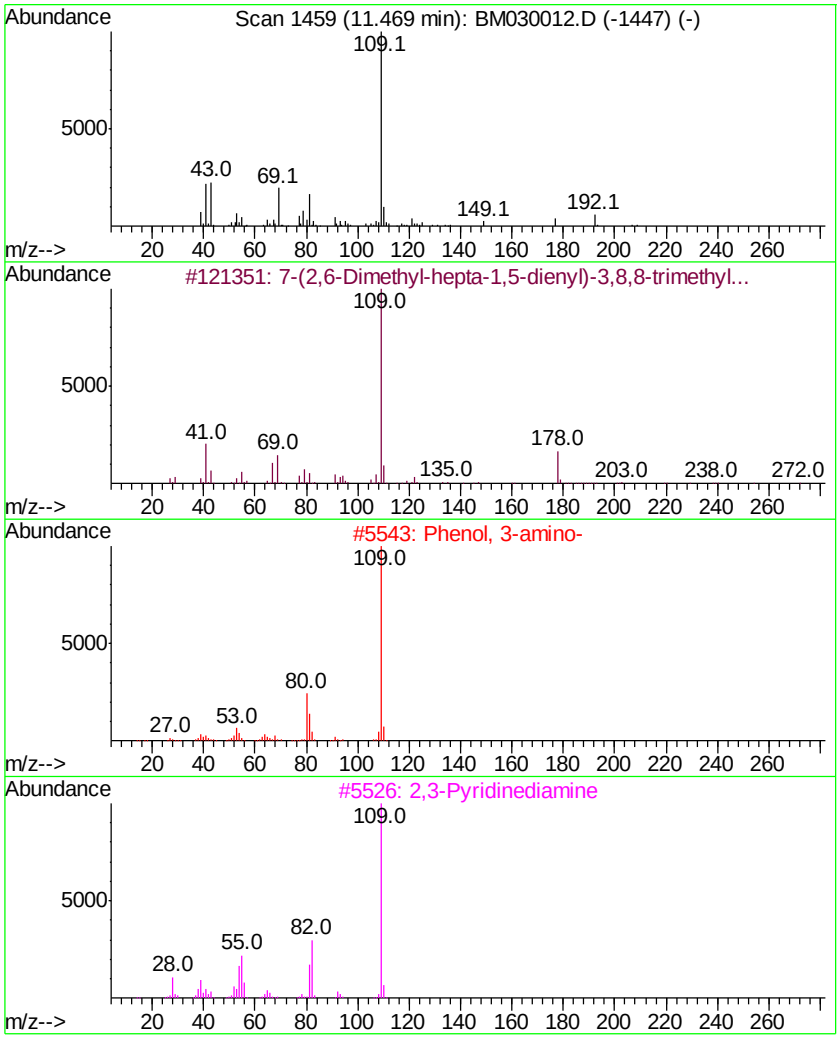
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

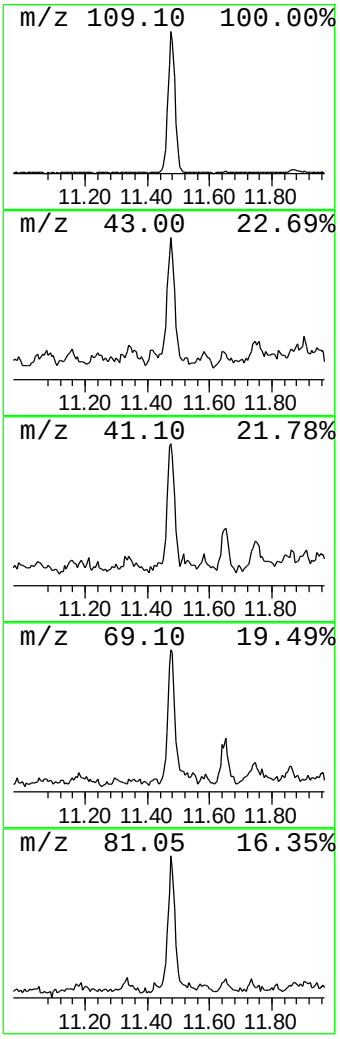
****

Peak Number 3 7-(2,6-Dimethyl-hepta-1,5-d... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	2.41 ng/ul	170977	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-(2,6-Dimethyl-hepta-1,5-dienyl...	272	C20H32	1000190-62-8	64
2	Phenol, 3-amino-	109	C6H7NO	000591-27-5	64
3	2,3-Pyridinediamine	109	C5H7N3	000452-58-4	59
4	Pyridine, 3-methoxy-	109	C6H7NO	007295-76-3	53
5	1,10-Dimethyl-2-methylene-trans-...	178	C13H22	1000103-97-8	52





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Quant Title : SVOA CALIBRATION

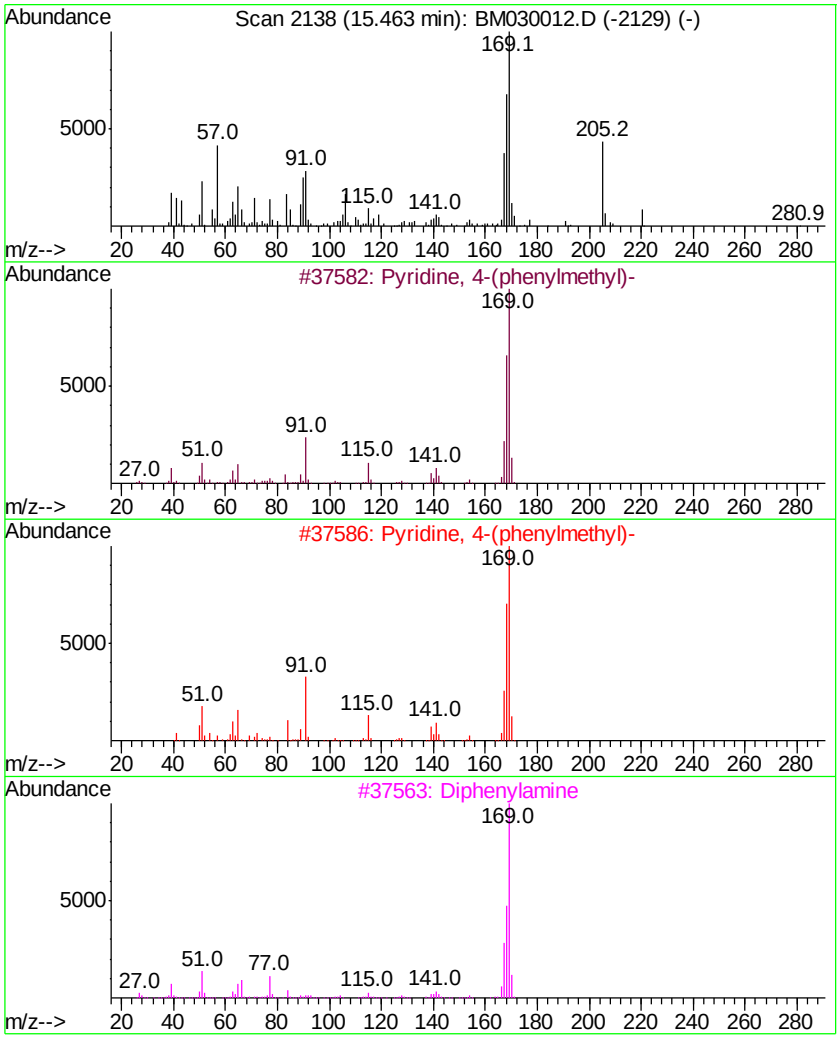
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

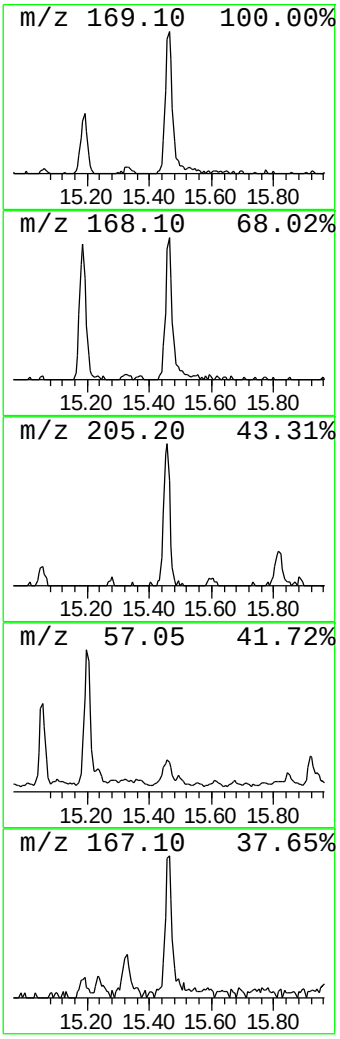
****

Peak Number 5 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	2.83 ng/ul	301151	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 4-(phenylmethyl)-	169	C12H11N	002116-65-6	42
2	Pyridine, 4-(phenylmethyl)-	169	C12H11N	002116-65-6	42
3	Diphenylamine	169	C12H11N	000122-39-4	38
4	Diphenylamine	169	C12H11N	000122-39-4	38
5	2-p-Tolylpyridine	169	C12H11N	004467-06-5	30





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

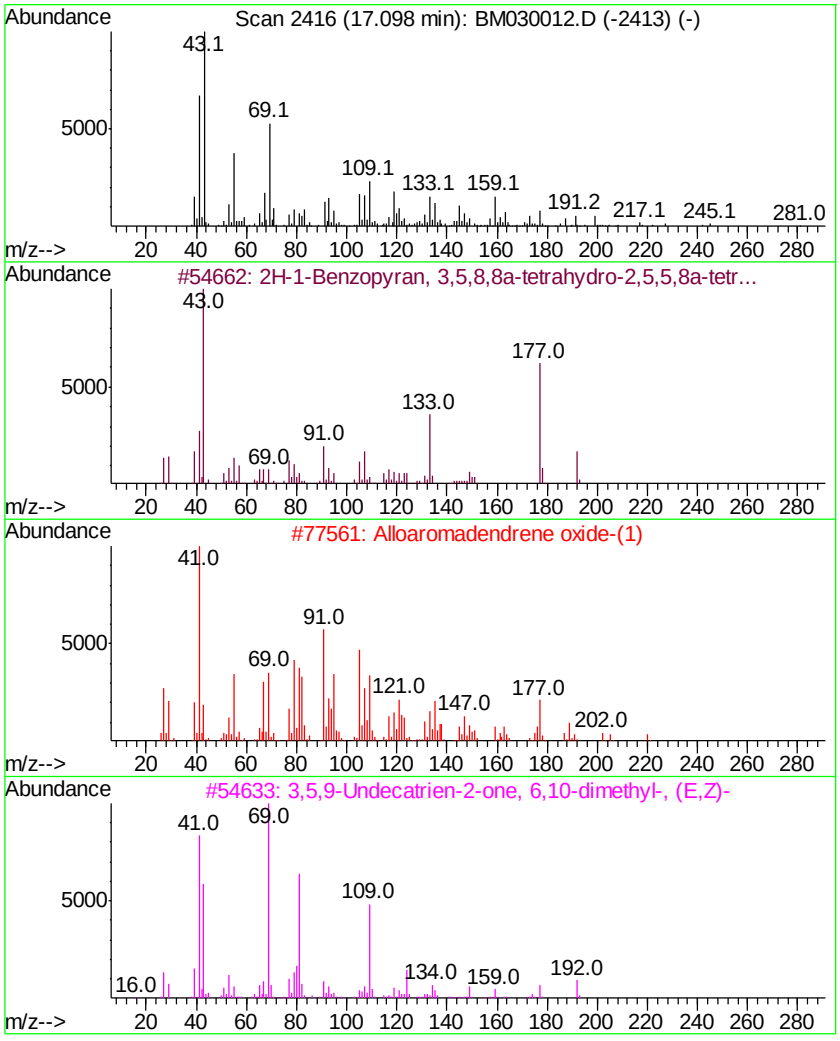
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

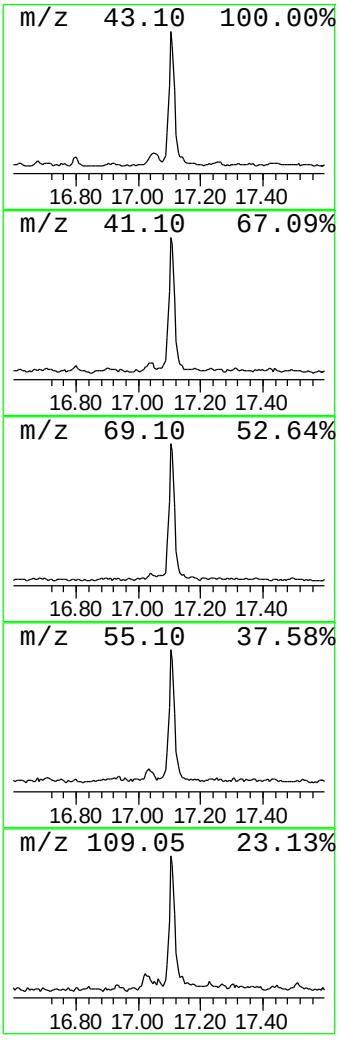
****

Peak Number 6 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	5.29 ng/ul	658554	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzopyran, 3,5,8,8a-tetrah...	192	C13H20O	072468-40-7	30
2	Alloaromadendrene oxide-(1)	220	C15H24O	1000156-12-8	22
3	3,5,9-Undecatrien-2-one, 6,10-di...	192	C13H20O	013927-47-4	22
4	Perhydrocyclopropa[e]azulene-4,5...	254	C15H26O3	1000197-87-8	22
5	Ambrein	428	C30H52O	1000292-95-3	18





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Misc :
ALS Vial : 112 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG6K9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

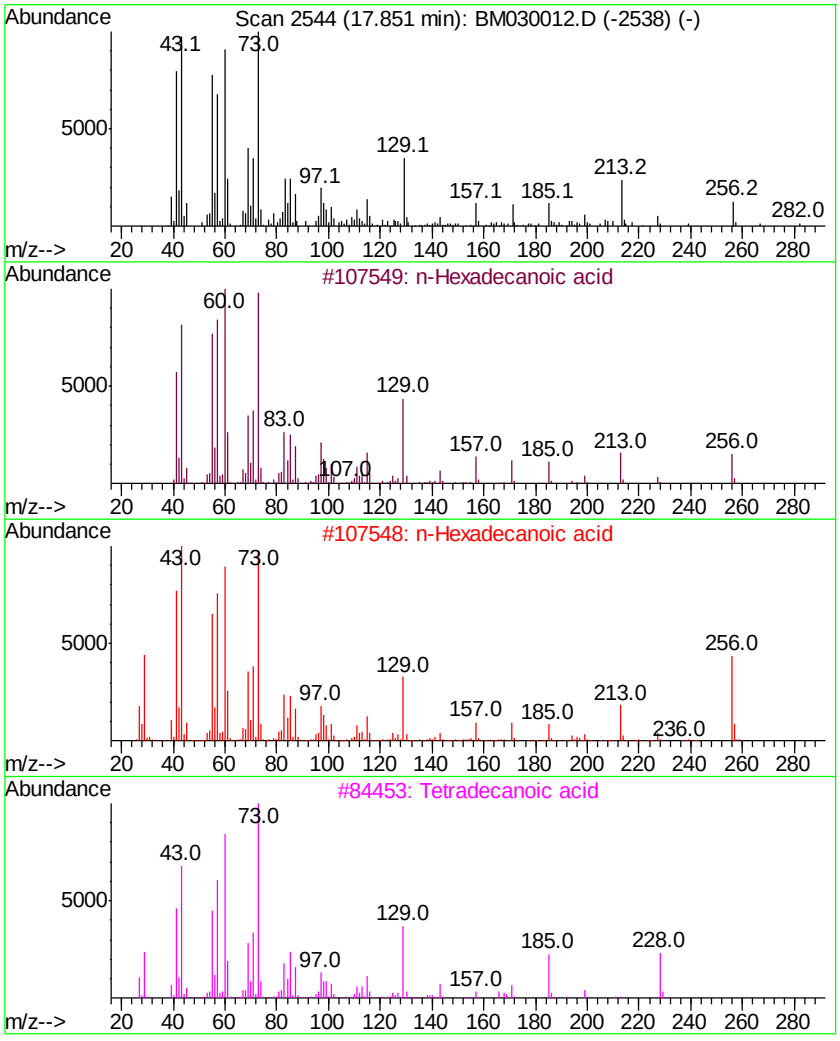
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

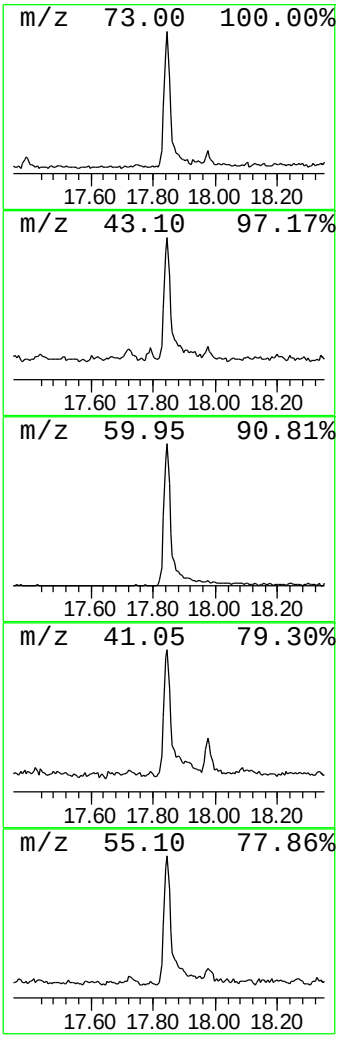
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	3.06 ng/ul	381090	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM030012.D
Acq On : 13 May 2021 15:34
Operator : CG/JU
Sample : M2336-01
Misc :
ALS Vial : 112 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG6K9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

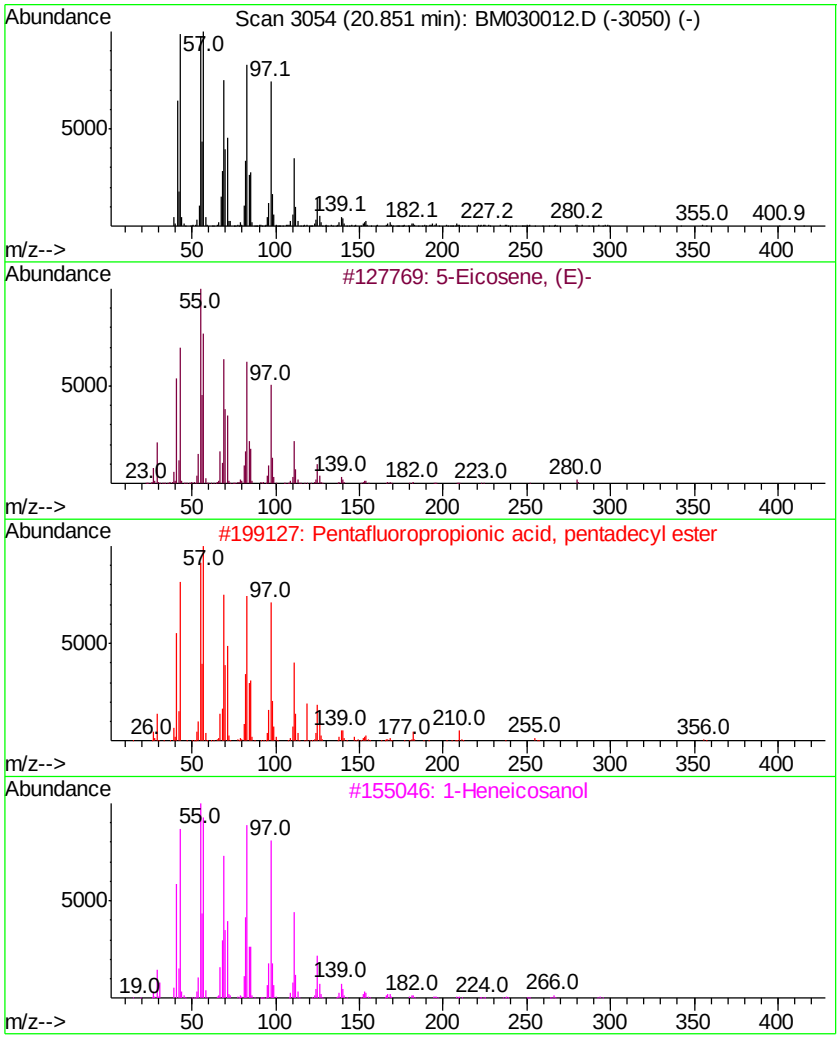
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

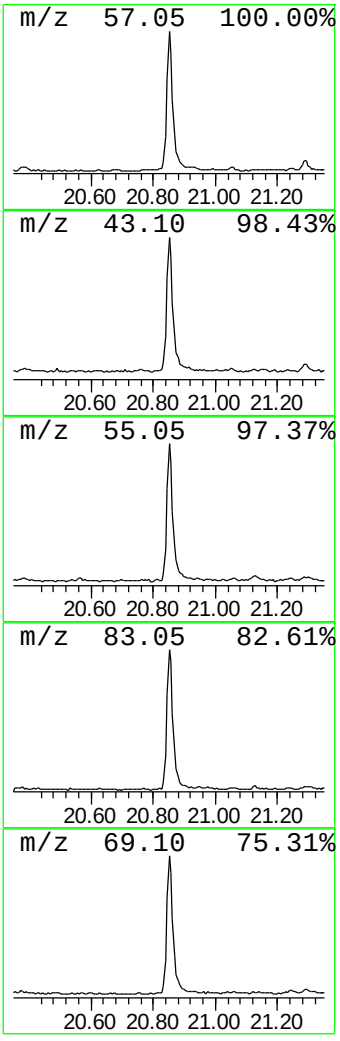
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	5.41 ng/ul	790171	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	Cyclotetracosane	336	C24H48	000297-03-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051021\
Data File : BM030012.D
Acq On : 13 May 2021 15:34
Operator : CG/JU
Sample : M2336-01
Misc :
ALS Vial : 112 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG6K9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.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
Acetic acid, cyan...	5.01	6.0	ng/ul	281636	1	7.54	944540	20.0
7-(2,6-Dimethyl-h...	11.47	2.4	ng/ul	170977	2	10.31	1417090	20.0
unknown-01	15.46	2.8	ng/ul	301151	3	14.19	2125380	20.0
unknown-02	17.10	5.3	ng/ul	658554	4	16.93	2489510	20.0
n-Hexadecanoic acid	17.85	3.1	ng/ul	381090	4	16.93	2489510	20.0
(DEL) Alkane: Str...	20.85	5.4	ng/ul	790171	5	21.12	2922210	20.0