LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019731.D
Acq On : 03 Apr 2019 15:42
Operator : JU/SJ
Sample : K2148-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5J1

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-BM032219MA.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	3.122	20	23	31	rVB	37711	58953	0.43%	0.093%
2	3.622	105	108	118	rVB	47049	68109	0.50%	0.107%
3	3.710	118	123	128	rVB5	11852	23419	0.17%	0.037%
4	4.704	289	292	298	rVB	10889	17602	0.13%	0.028%
5	5.575	435	440	450	rBV4	19588	39722	0.29%	0.062%
6	6.757	634	641	655	rBV	311771	626713	4.60%	0.985%
7	6.922	663	669	679	rBV	286671	516242	3.79%	0.811%
8	7.104	693	700	712	rVB	384323	671460	4.93%	1.055%
9	7.563	772	778	787	rBV	648373	1043255	7.66%	1.639%
10	8.092	863	868	878	rVB3	8428	17273	0.13%	0.027%
11	8.286	895	901	915	rBV	346022	662944	4.87%	1.042%
12	8.410	917	922	931	rVB3	15074	32123	0.24%	0.050%
13	8.733	971	977	993	rBV	357375	665663	4.89%	1.046%
14	9.057	1028	1032	1039	rVB2	19510	27490	0.20%	0.043%
15	9.451	1092	1099	1115	rBV	315953	576374	4.23%	0.906%
16	9.986	1182	1190	1210	rBV	385426	836643	6.14%	1.315%
17	10.345	1244	1251	1265	rVB	982710	1604694	11.78%	2.522%
18	10.516	1269	1280	1301	rBV	202441	521432	3.83%	0.819%
19	13.645	1807	1812	1817	rBV	970979	1374518	10.09%	2.160%
20	13.698	1817	1821	1833	rVB	223344	345908	2.54%	0.544%
21	13.921	1852	1859	1873	rVB	1160092	1796937	13.19%	2.824%
22	14.110	1884	1891	1894	rBV2	12211	18761	0.14%	0.029%
23	14.227	1904	1911	1927	rVB2	1550133	2308389	16.95%	3.627%
24	14.498	1951	1957	1975	rBV2	129233	399944	2.94%	0.628%
25	14.657	1979	1984	2002	rVB	231666	356667	2.62%	0.560%
26	15.015	2042	2045	2049	rVB	28214	34893	0.26%	0.055%
27	15.068	2049	2054	2057	rVB	26130	31399	0.23%	0.049%
28	15.227	2075	2081	2089	rBV	1538779	2248098	16.51%	3.533%
29	15.298	2089	2093	2100	rVV5	17740	30417	0.22%	0.048%
30	15.380	2102	2107	2116	rBV	205980	340400	2.50%	0.535%
31	15.468	2119	2122	2127	rVB4	26453	35402	0.26%	0.056%
32	15.786	2172	2176	2182	rBV7	10185	19819	0.15%	0.031%
33	15.933	2197	2201	2212	rBV7	35316	100519	0.74%	0.158%
34	16.109	2226	2231	2232	rBV3	14923	18139	0.13%	0.029%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019731.D
Acq On : 03 Apr 2019 15:42
Operator : JU/SJ
Sample : K2148-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5J1

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-BM032219MA.M
Title : SVOA CALIBRATION

35	16.186	2241	2244	2247	rVB4	14240	17111	0.13%	0.027%
36	16.274	2255	2259	2262	rBV6	9112	15594	0.11%	0.025%
37	16.333	2266	2269	2273	rVB2	19455	25742	0.19%	0.040%
38	16.392	2274	2279	2285	rVV2	112495	168787	1.24%	0.265%
39	16.451	2286	2289	2294	rVV2	15339	28366	0.21%	0.045%
40	16.515	2296	2300	2306	rVV6	34618	61908	0.45%	0.097%
41	16.586	2306	2312	2316	rVV2	20860	35634	0.26%	0.056%
42	16.751	2332	2340	2349	rBV	346853	494638	3.63%	0.777%
43	16.856	2354	2358	2363	rBV	116876	156122	1.15%	0.245%
44	16.986	2370	2380	2385	rBV	1875708	2694688	19.79%	4.234%
45	17.027	2385	2387	2391	rVB	77219	91622	0.67%	0.144%
46	17.086	2391	2397	2403	rBV	1773132	2419261	17.76%	3.801%
47	17.268	2424	2428	2433	rBV3	16962	29301	0.22%	0.046%
48	17.374	2442	2446	2449	rBV6	17688	28886	0.21%	0.045%
49	17.468	2459	2462	2466	rVB2	26710	32618	0.24%	0.051%
50	17.568	2476	2479	2482	rBV5	12552	16757	0.12%	0.026%
51	17.703	2498	2502	2507	rBV	85127	123831	0.91%	0.195%
52	17.762	2508	2512	2516	rBV4	25050	35203	0.26%	0.055%
53	17.821	2518	2522	2528	rBV	360259	514819	3.78%	0.809%
54	17.886	2528	2533	2541	rVV	1226875	1692174	12.43%	2.659%
55	17.956	2541	2545	2550	rVB	563779	678599	4.98%	1.066%
56	18.056	2558	2562	2567	rBV6	52910	96652	0.71%	0.152%
57	18.162	2576	2580	2594	rBV2	86748	200540	1.47%	0.315%
58	18.433	2623	2626	2635	rVB9	36553	78266	0.57%	0.123%
59	18.574	2648	2650	2654	rVB5	31813	31602	0.23%	0.050%
60	18.750	2676	2680	2683	rBV2	65428	89178	0.65%	0.140%
61	19.056	2724	2732	2743	rBV	453284	1027850	7.55%	1.615%
62	19.174	2748	2752	2763	rVV3	465937	845172	6.21%	1.328%
63	19.397	2784	2790	2793	rBV	1896478	2581534	18.96%	4.056%
64	19.427	2793	2795	2798	rVB	341791	337373	2.48%	0.530%
65	19.697	2838	2841	2845	rVB	144570	155986	1.15%	0.245%
66	20.197	2923	2926	2929	rBV	305406	355173	2.61%	0.558%
67	20.339	2945	2950	2954	rBV	12059028	13618471	100.00%	21.399%
68	20.897	3042	3045	3053	rVB4	676111	1055387	7.75%	1.658%
69	21.103	3076	3080	3084	rBV	2758269	2825849	20.75%	4.440%
70	21.197	3091	3096	3101	rBV	2019191	2959992	21.74%	4.651%
71	22.744	3355	3359	3373	rVB	911545	2458935	18.06%	3.864%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019731.D
Acq On : 03 Apr 2019 15:42
Operator : JU/SJ
Sample : K2148-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5J1

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-BM032219MA.M
Title : SVOA CALIBRATION

72	23.262	3443	3447	3452	rVB2	908854	1563275	11.48%	2.456%
73	23.403	3466	3471	3477	rBV2	1080182	1841521	13.52%	2.894%
74	26.003	3905	3913	3925	rVB	1717726	4685311	34.40%	7.362%

Sum of corrected areas: 63640049

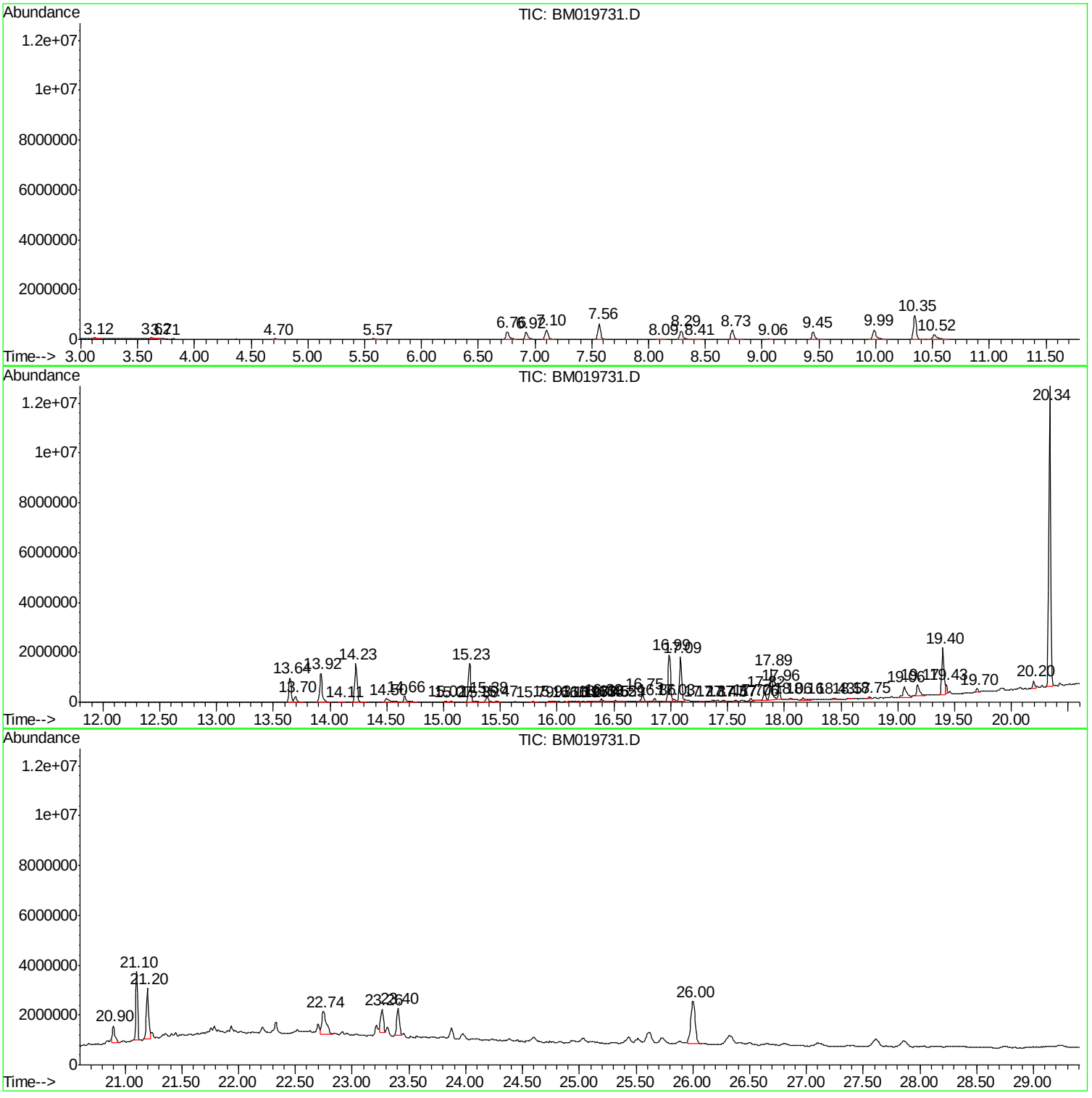
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019731.D
Acq On : 03 Apr 2019 15:42
Operator : JU/SJ
Sample : K2148-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019731.D
Acq On : 03 Apr 2019 15:42
Operator : JU/SJ
Sample : K2148-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

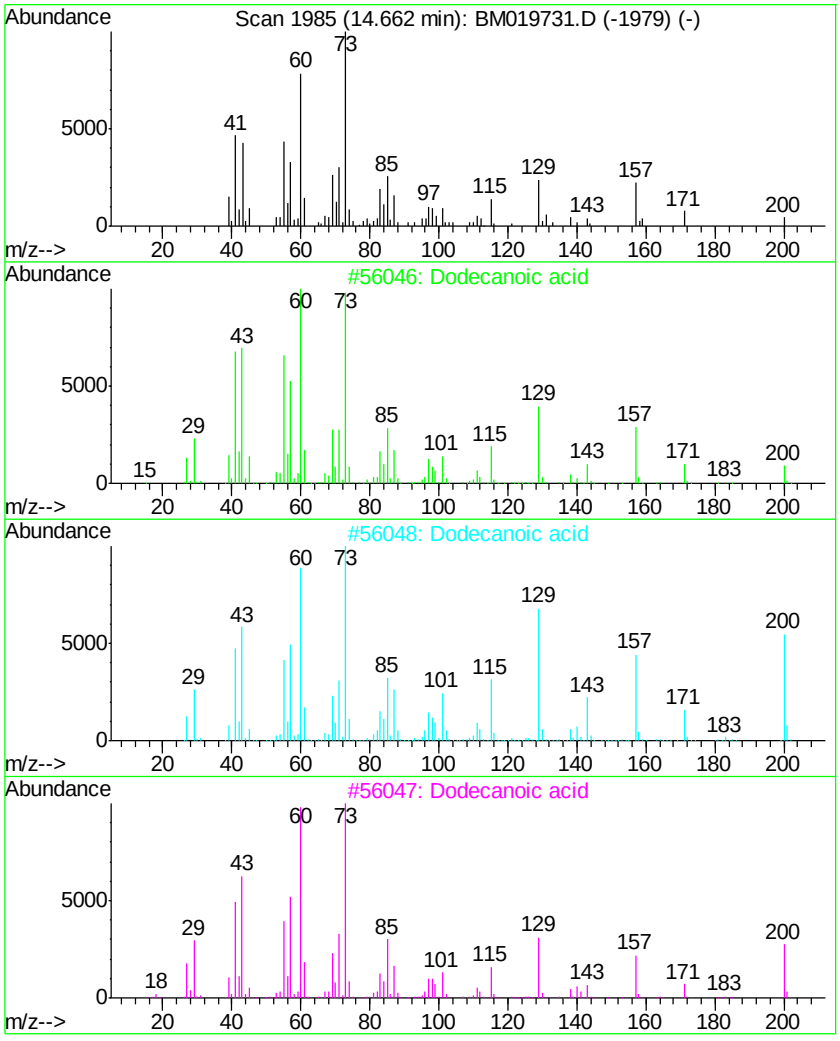
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

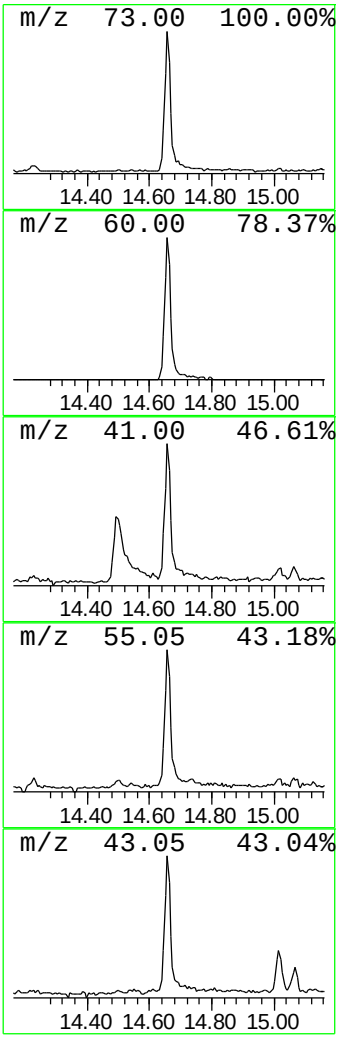
****

Peak Number 1 Dodecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	3.09 ng/ul	356667	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	87
2	Dodecanoic acid	200	C12H24O2	000143-07-7	87
3	Dodecanoic acid	200	C12H24O2	000143-07-7	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	86
5	Dodecanoic acid	200	C12H24O2	000143-07-7	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019731.D
Acq On : 03 Apr 2019 15:42
Operator : JU/SJ
Sample : K2148-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

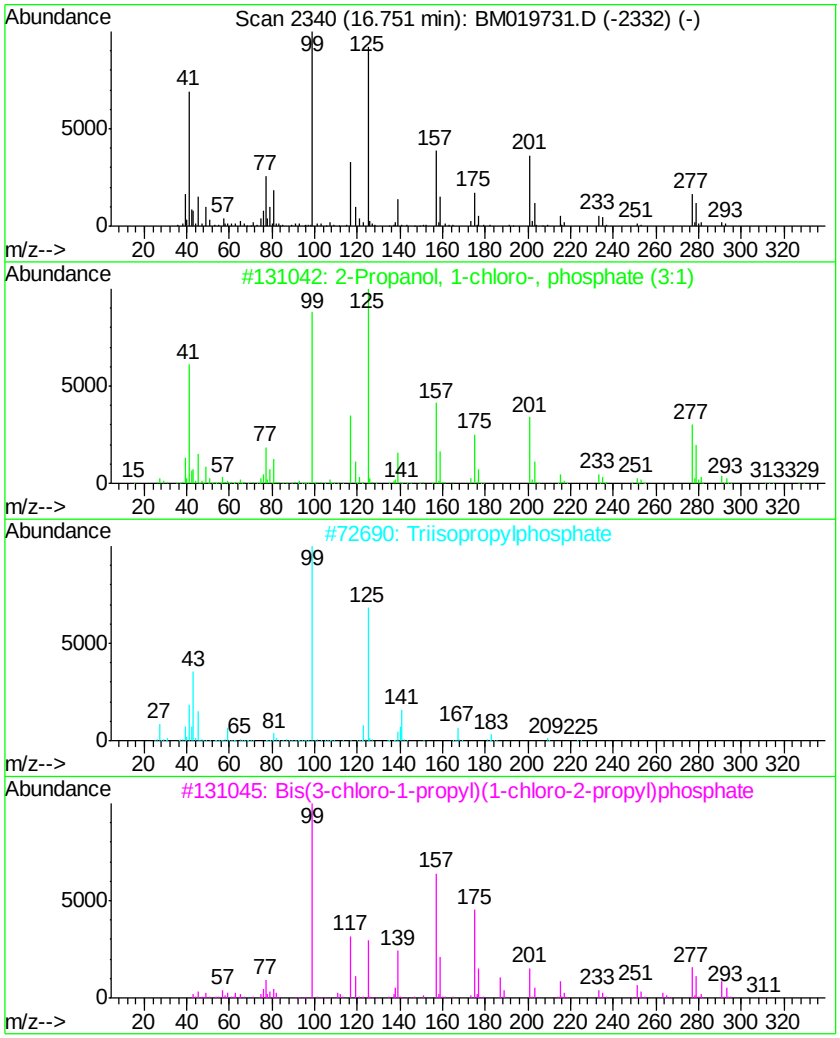
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

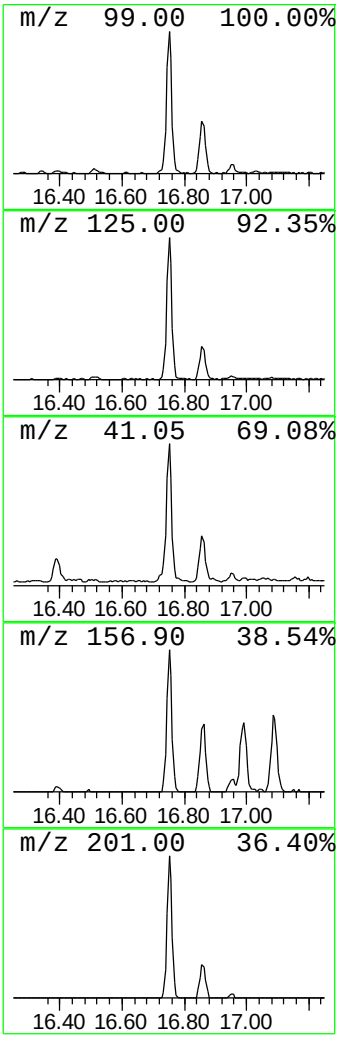
****

Peak Number 2 2-Propanol, 1-chloro-, phos... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	3.67 ng/ul	494638	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	94
2	Triisopropylphosphate	224	C9H21O4P	000513-02-0	37
3	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	25
4	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	16
5	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019731.D
Acq On : 03 Apr 2019 15:42
Operator : JU/SJ
Sample : K2148-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

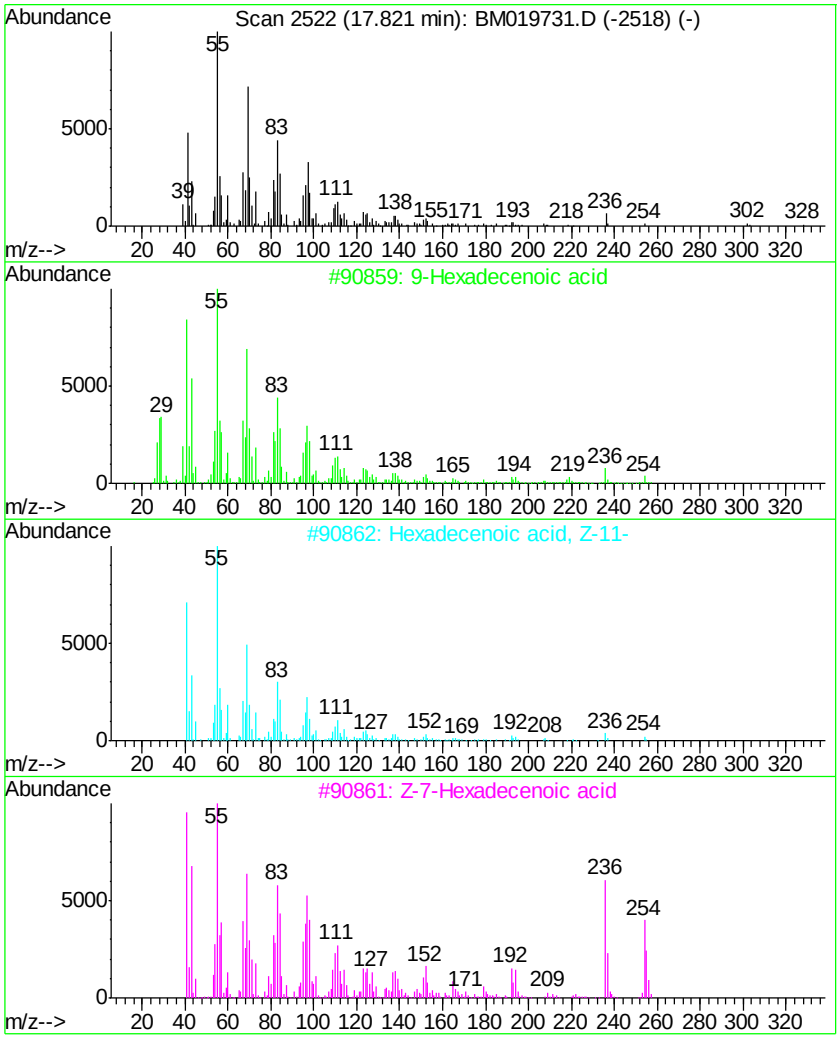
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

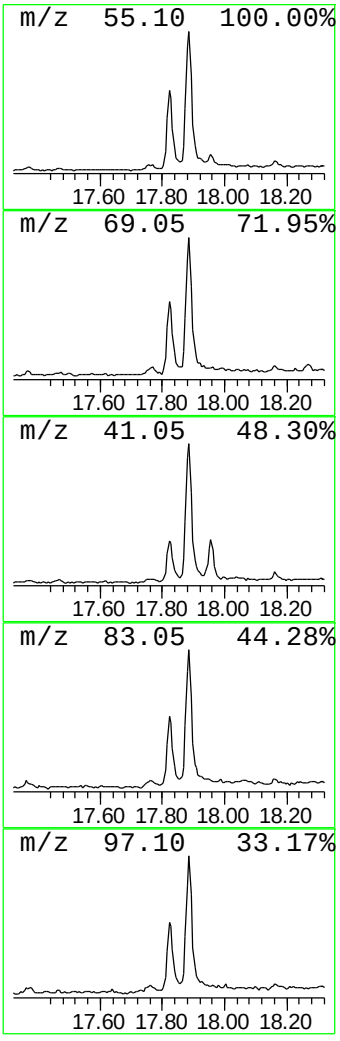
****

Peak Number 3 9-Hexadecenoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	3.82 ng/ul	514819	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	93
2	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91
3	Z-7-Hexadecenoic acid	254	C16H30O2	1000130-90-8	89
4	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	72
5	Aspidospermidin-17-ol, 1-acetyl-...	414	C23H30N2O5	002122-26-1	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019731.D
Acq On : 03 Apr 2019 15:42
Operator : JU/SJ
Sample : K2148-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

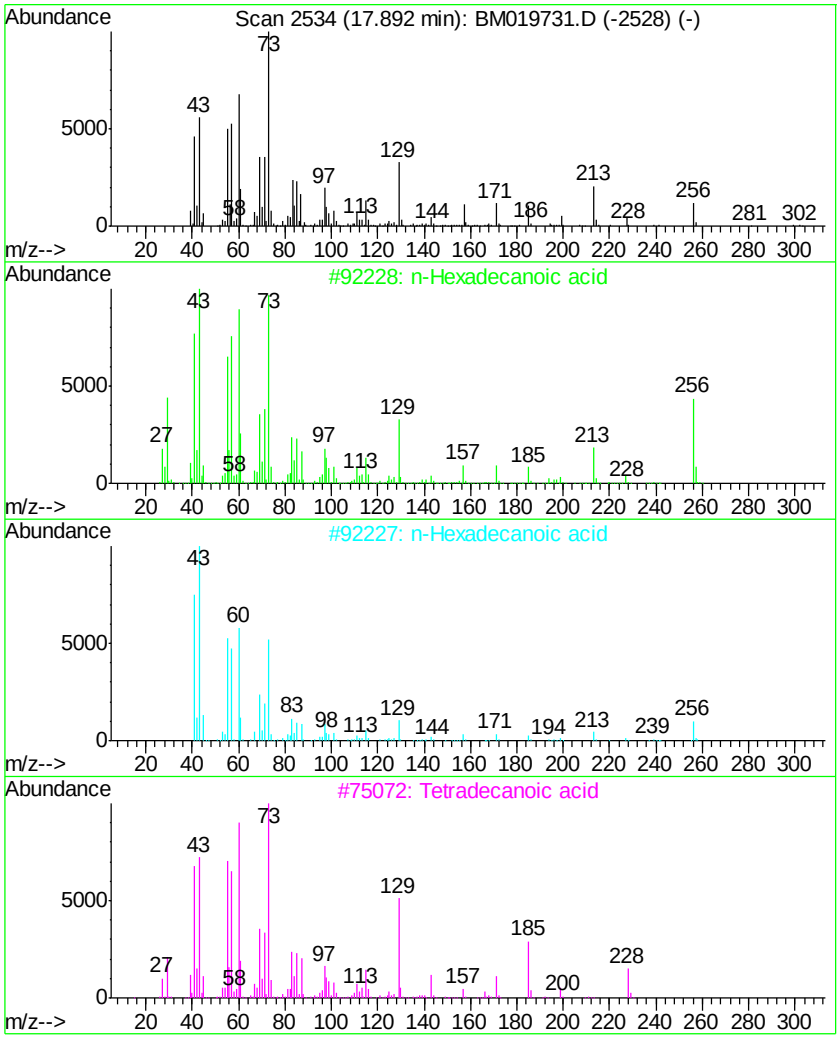
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

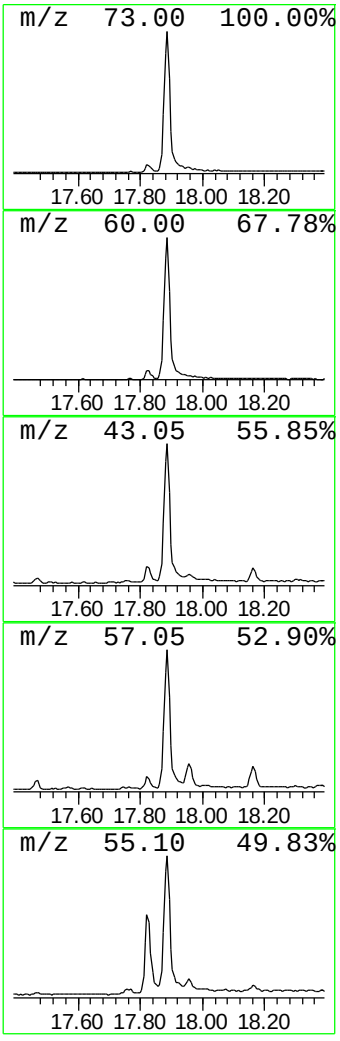
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	12.56 ng/ul	1692170	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019731.D
Acq On : 03 Apr 2019 15:42
Operator : JU/SJ
Sample : K2148-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

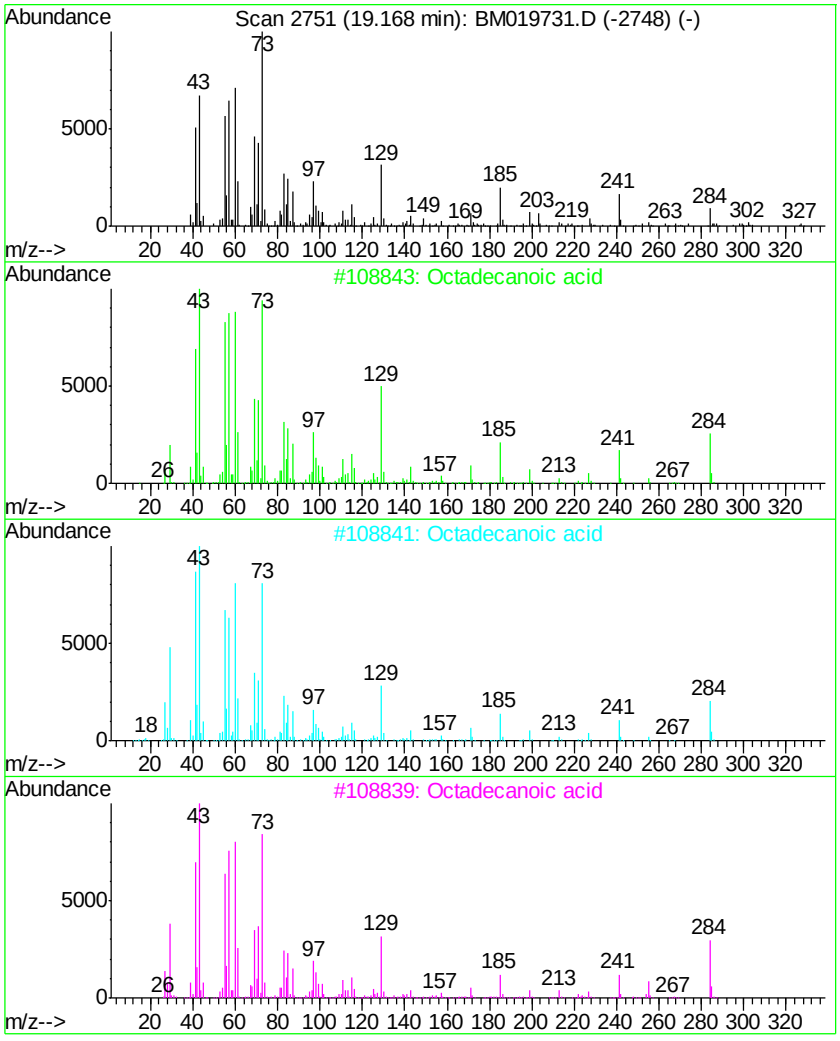
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

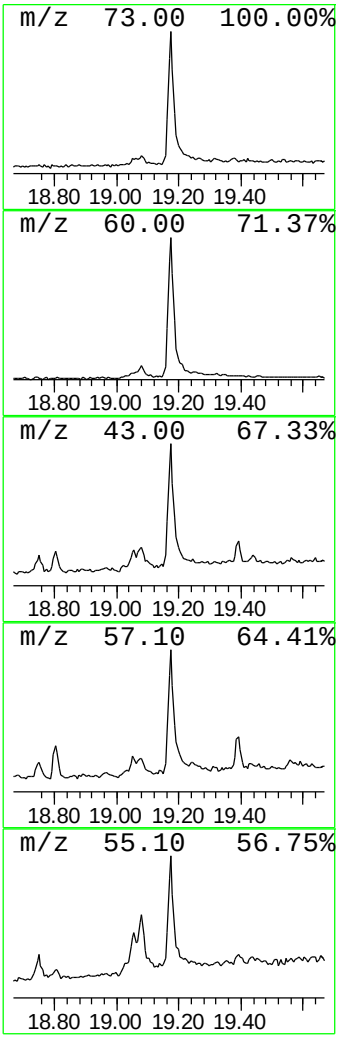
****

Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	5.71 ng/ul	845172	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019731.D
Acq On : 03 Apr 2019 15:42
Operator : JU/SJ
Sample : K2148-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

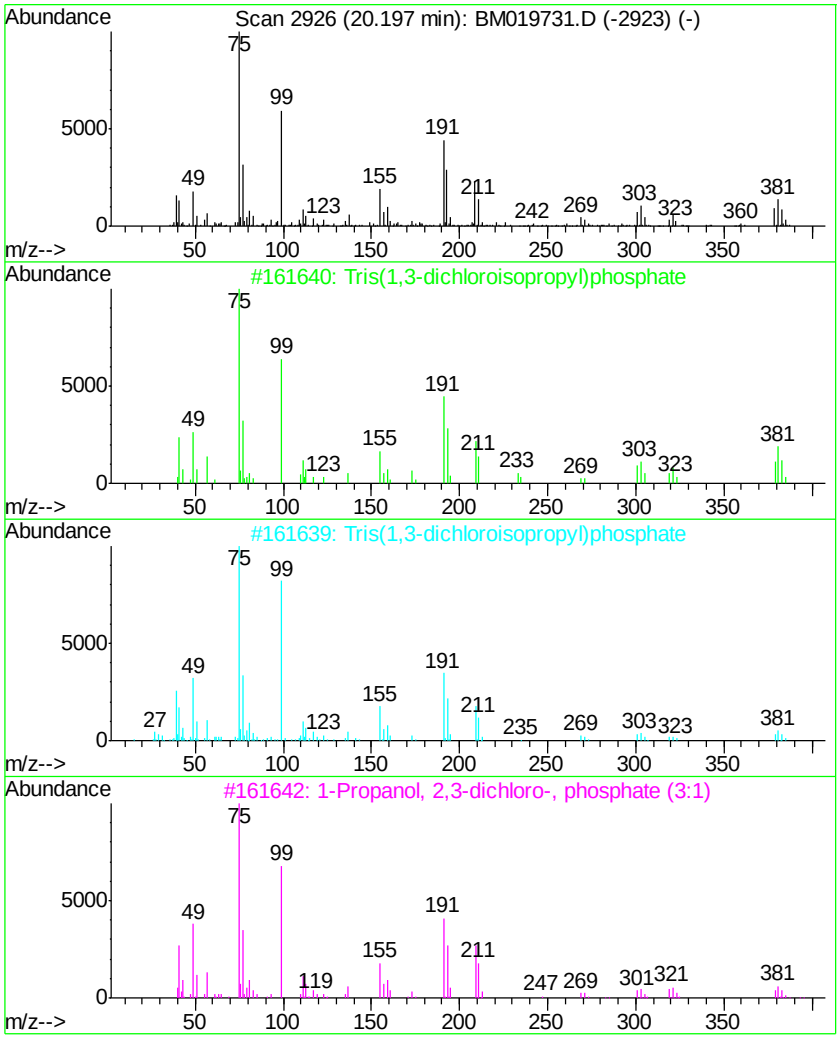
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

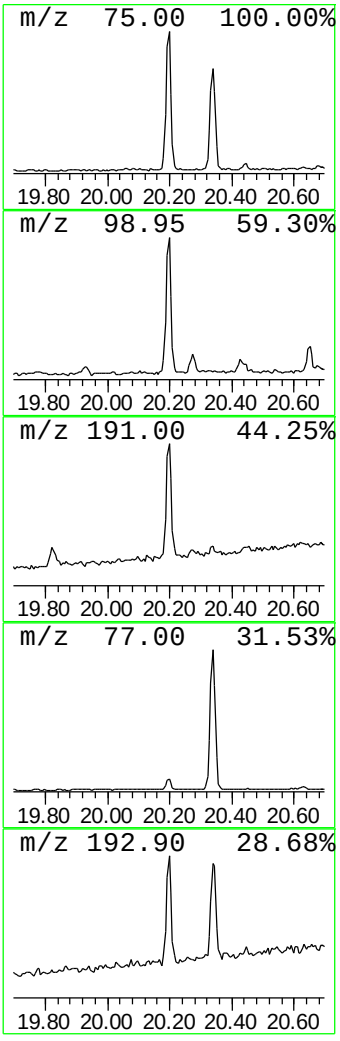
****

Peak Number 6 Tris(1,3-dichloroisopropyl)... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.20	2.40 ng/ul	355173	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tris(1,3-dichloroisopropyl)phosp...	428	C9H15Cl6O4P	013674-87-8	90
2	Tris(1,3-dichloroisopropyl)phosp...	428	C9H15Cl6O4P	013674-87-8	64
3	1-Propanol, 2,3-dichloro-, phosp...	428	C9H15Cl6O4P	000078-43-3	64
4	Tris(1,3-dichloroisopropyl)phosp...	428	C9H15Cl6O4P	013674-87-8	64
5	Tris(1,3-dichloroisopropyl)phosp...	428	C9H15Cl6O4P	013674-87-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019731.D
Acq On : 03 Apr 2019 15:42
Operator : JU/SJ
Sample : K2148-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

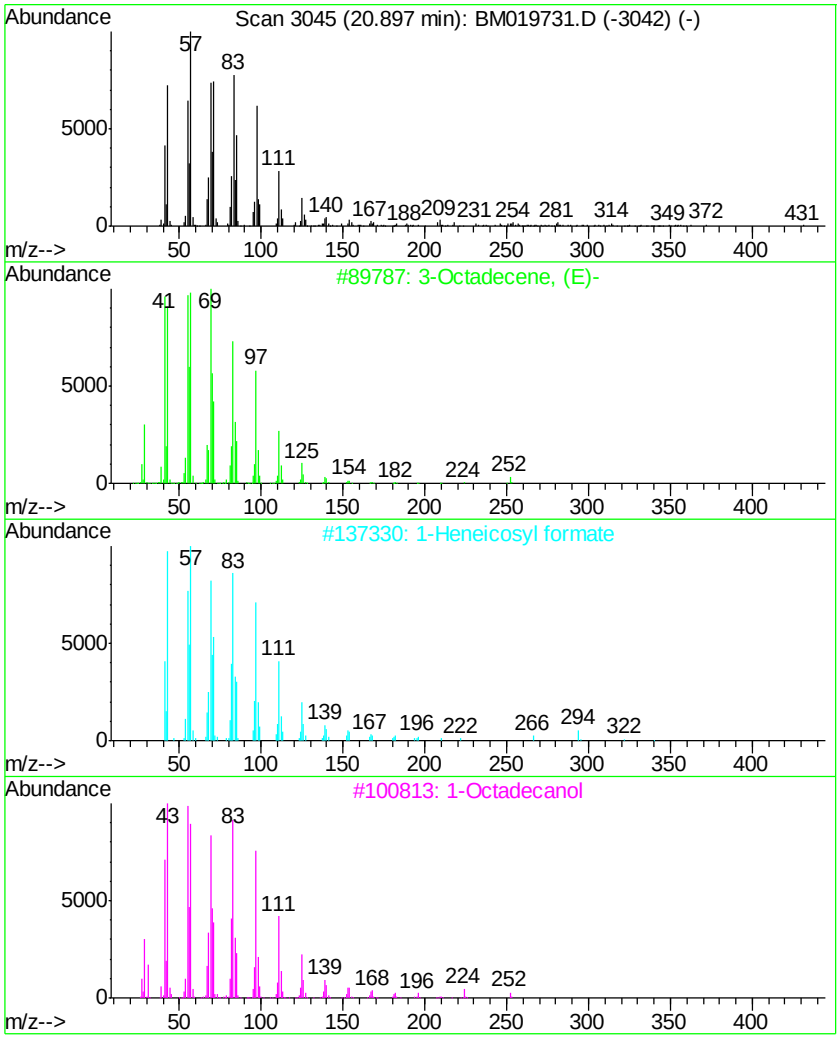
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

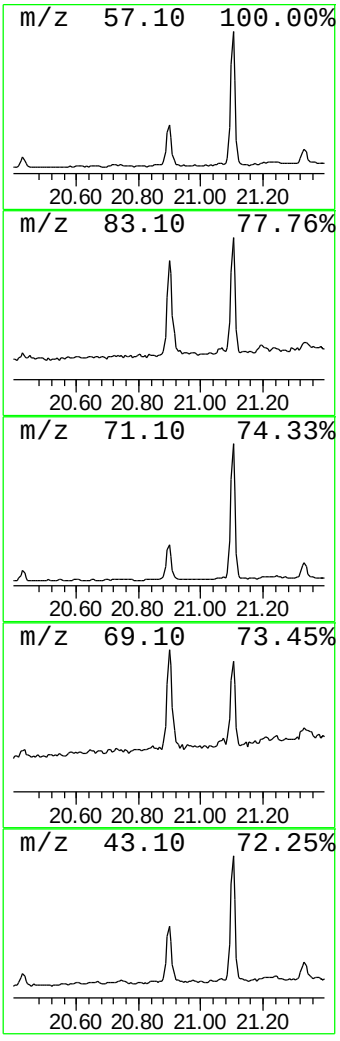
****

Peak Number 7 (DEL) Alkane: Cyclic20.90 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	7.13 ng/ul	1055390	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	93
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	76
3	1-Octadecanol	270	C18H38O	000112-92-5	76
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	70
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019731.D
Acq On : 03 Apr 2019 15:42
Operator : JU/SJ
Sample : K2148-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

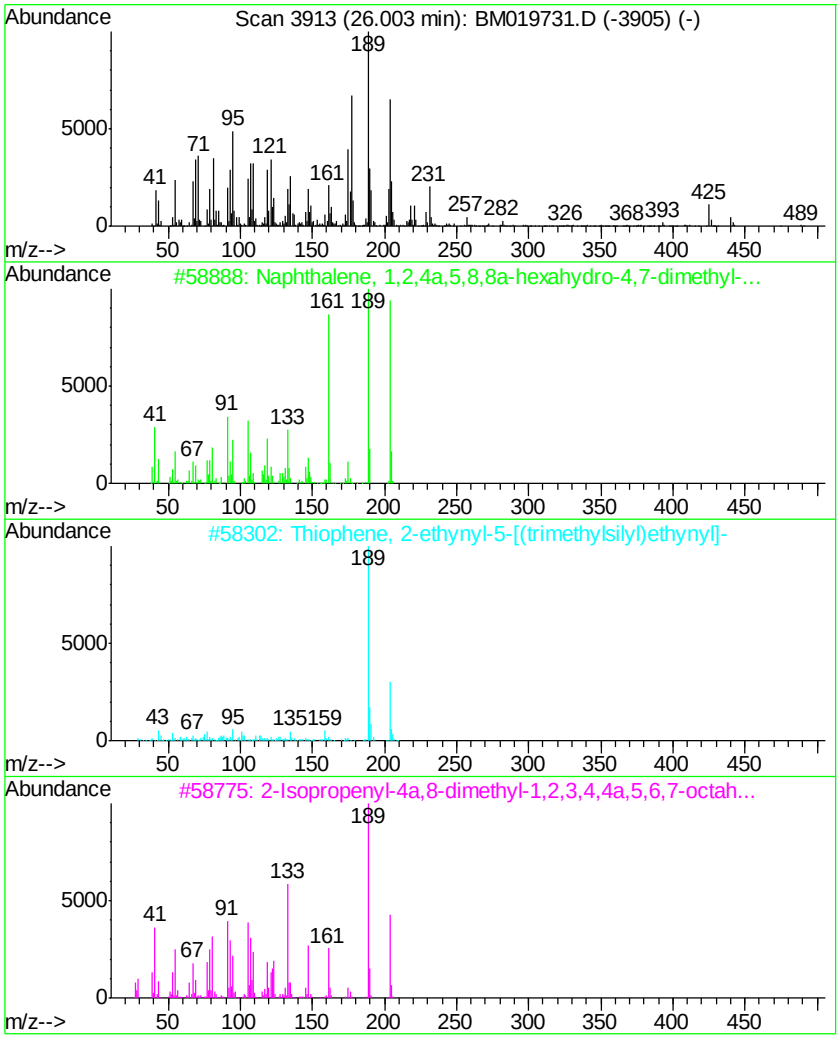
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

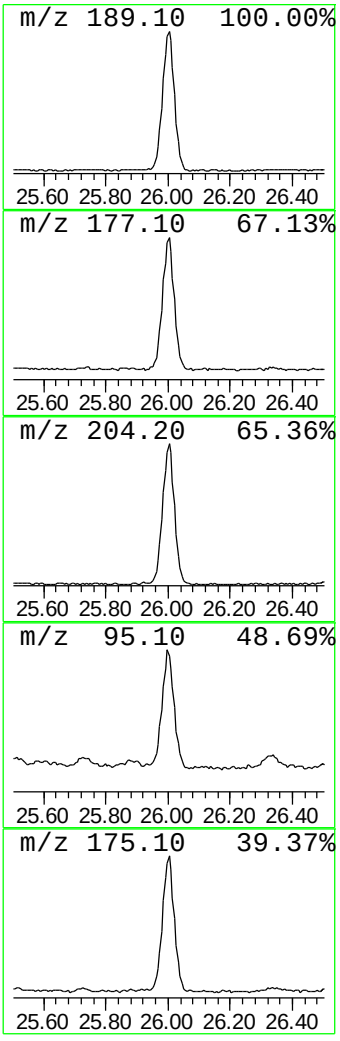
****

Peak Number 8 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.00	50.89 ng/ul	4685310	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	005951-61-1	38
2	Thiophene, 2-ethynyl-5-[(trimeth...	204	C11H12SSi	182323-29-1	38
3	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000192-43-5	38
4	3-Acetyl-2,5-dimethylbenzo(b)thi...	204	C12H12OS	006179-04-0	30
5	Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019731.D
Acq On : 03 Apr 2019 15:42
Operator : JU/SJ
Sample : K2148-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dodecanoic acid	14.66	3.1	ng/ul	356667	3	14.23	2308390	20.0
2-Propanol, 1-chl...	16.75	3.7	ng/ul	494638	4	16.99	2694690	20.0
9-Hexadecenoic acid	17.82	3.8	ng/ul	514819	4	16.99	2694690	20.0
n-Hexadecanoic acid	17.89	12.6	ng/ul	1692170	4	16.99	2694690	20.0
Octadecanoic acid	19.17	5.7	ng/ul	845172	5	21.20	2959990	20.0
Tris(1,3-dichloro...	20.20	2.4	ng/ul	355173	5	21.20	2959990	20.0
(DEL) Alkane: Cyc...	20.90	7.1	ng/ul	1055390	5	21.20	2959990	20.0
unknown-01	26.00	50.9	ng/ul	4685310	6	23.40	1841520	20.0