LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101016\
Data File : BG024245.D
Acq On : 10 Oct 2016 19:10
Operator : UM/SJ
Sample : H5082-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDPJ1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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	4.545	288	290	291	rBV2	11773	9936	0.19%	0.015%
2	4.921	352	354	356	rVB3	15049	10710	0.20%	0.016%
3	5.050	374	376	378	rBV3	14023	9838	0.19%	0.015%
4	5.215	400	404	408	rBV6	12129	14226	0.27%	0.022%
5	5.890	517	519	523	rBV5	7925	14306	0.27%	0.022%
6	6.484	619	620	625	rVB5	13008	13688	0.26%	0.021%
7	6.883	685	688	691	rBV5	9061	12104	0.23%	0.018%
8	7.030	712	713	718	rVB4	11150	9915	0.19%	0.015%
9	7.136	728	731	735	rVB5	8768	9679	0.18%	0.015%
10	7.177	735	738	740	rBV4	9594	9372	0.18%	0.014%
11	7.206	741	743	745	rVV3	10198	10856	0.20%	0.017%
12	7.224	745	746	750	rVV3	13377	13458	0.25%	0.021%
13	7.283	753	756	759	rVB4	6297	10354	0.20%	0.016%
14	7.424	772	780	790	rBV	795222	1457599	27.50%	2.221%
15	7.612	803	812	819	rBV	539337	948710	17.90%	1.446%
16	7.817	840	847	854	rBV	765698	1334315	25.17%	2.033%
17	7.958	868	871	873	rBV4	9223	10211	0.19%	0.016%
18	8.105	893	896	902	rVB7	8226	12624	0.24%	0.019%
19	8.293	920	928	936	rBV	649544	1140467	21.51%	1.738%
20	8.387	940	944	945	rBV4	10794	10672	0.20%	0.016%
21	8.617	982	983	986	rBV3	10312	12560	0.24%	0.019%
22	8.658	988	990	993	rVV4	11270	14523	0.27%	0.022%
23	8.693	993	996	998	rVV4	8726	10499	0.20%	0.016%
24	8.711	998	999	1002	rVV3	9721	9770	0.18%	0.015%
25	8.899	1028	1031	1033	rBV3	11329	15180	0.29%	0.023%
26	8.981	1038	1045	1055	rVV	982342	1739179	32.81%	2.650%
27	9.087	1059	1063	1067	rVV5	12690	14484	0.27%	0.022%
28	9.386	1112	1114	1119	rVB4	8710	11362	0.21%	0.017%
29	9.468	1119	1128	1135	rBV	765821	1419289	26.77%	2.163%
30	9.533	1135	1139	1145	rVV6	26596	49139	0.93%	0.075%
31	9.574	1145	1146	1149	rVV3	9968	9812	0.19%	0.015%
32	9.598	1149	1150	1154	rVB4	9490	10008	0.19%	0.015%
33	9.792	1180	1183	1186	rBV3	12925	18998	0.36%	0.029%
34	9.839	1189	1191	1194	rVB4	9083	10521	0.20%	0.016%

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Misc :
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Instrument : BNA_G
ClientSampleId : BDPJ1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Title : SVOA CALIBRATION

35	9.956	1208	1211	1213	rBV4	8731	9699	0.18%	0.015%
36	10.197	1242	1252	1260	rBV	661164	1231651	23.23%	1.877%
37	10.726	1332	1342	1351	rVV	996326	1818911	34.31%	2.772%
38	11.125	1402	1410	1418	rBV	901932	1694585	31.97%	2.582%
39	11.190	1418	1421	1425	rVB6	9450	11007	0.21%	0.017%
40	11.255	1425	1432	1440	rBV2	434288	840115	15.85%	1.280%
41	12.077	1571	1572	1576	rBV4	6476	9592	0.18%	0.015%
42	12.277	1602	1606	1608	rVB5	10263	11906	0.22%	0.018%
43	12.571	1653	1656	1657	rBV3	11574	11210	0.21%	0.017%
44	12.676	1670	1674	1681	rBV5	25572	52532	0.99%	0.080%
45	13.182	1757	1760	1763	rBV4	11135	15937	0.30%	0.024%
46	13.258	1771	1773	1780	rVB6	11918	15242	0.29%	0.023%
47	13.399	1795	1797	1802	rVB5	8512	13216	0.25%	0.020%
48	13.511	1811	1816	1818	rVV6	16225	19380	0.37%	0.030%
49	13.781	1857	1862	1867	rVB5	34525	49614	0.94%	0.076%
50	14.304	1940	1951	1955	rVV	1953904	2934398	55.36%	4.471%
51	14.351	1955	1959	1966	rVB	1579591	2278784	42.99%	3.472%
52	14.521	1985	1988	1990	rBV4	8669	10182	0.19%	0.016%
53	14.610	1996	2003	2011	rBV	1957093	3244224	61.20%	4.943%
54	14.762	2028	2029	2033	rVB3	19038	21907	0.41%	0.033%
55	14.909	2047	2054	2062	rBV2	1654478	2585110	48.77%	3.939%
56	15.068	2074	2081	2089	rBV	1082870	1777462	33.53%	2.708%
57	15.209	2102	2105	2107	rVB4	13496	13549	0.26%	0.021%
58	15.273	2113	2116	2118	rBV3	22860	28279	0.53%	0.043%
59	15.326	2123	2125	2127	rVV3	13018	12709	0.24%	0.019%
60	15.385	2130	2135	2139	rBV8	17646	32160	0.61%	0.049%
61	15.714	2186	2191	2196	rVB3	75563	110864	2.09%	0.169%
62	15.761	2196	2199	2202	rBV5	10018	15098	0.28%	0.023%
63	15.896	2215	2222	2229	rBV2	2791655	4383551	82.69%	6.680%
64	15.996	2233	2239	2248	rVB2	974300	1478933	27.90%	2.254%
65	16.131	2258	2262	2267	rVB8	40612	75638	1.43%	0.115%
66	16.214	2270	2276	2280	rBV6	21265	31279	0.59%	0.048%
67	16.272	2282	2286	2290	rBV7	14967	22540	0.43%	0.034%
68	16.337	2294	2297	2300	rVB4	21109	21085	0.40%	0.032%
69	16.366	2300	2302	2307	rVB6	12662	17680	0.33%	0.027%
70	16.413	2307	2310	2311	rBV3	15360	16433	0.31%	0.025%
71	16.466	2315	2319	2321	rBV5	12039	17949	0.34%	0.027%

LSC Area Percent Report

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Sample : H5082-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDPJ1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Title : SVOA CALIBRATION

72	16.572	2333	2337	2346	rVB	124754	198453	3.74%	0.302%
73	16.848	2380	2384	2388	rBV7	15273	27334	0.52%	0.042%
74	16.913	2392	2395	2398	rVB5	11813	15763	0.30%	0.024%
75	17.007	2408	2411	2414	rBV4	34133	40579	0.77%	0.062%
76	17.083	2422	2424	2429	rVB5	18534	20271	0.38%	0.031%
77	17.148	2433	2435	2438	rVB4	15980	14298	0.27%	0.022%
78	17.365	2468	2472	2476	rBV2	92280	113542	2.14%	0.173%
79	17.418	2478	2481	2489	rVB6	40531	85306	1.61%	0.130%
80	17.653	2514	2521	2529	rBV2	1983506	3126782	58.99%	4.765%
81	17.753	2531	2538	2546	rVB	2983325	4798144	90.51%	7.311%
82	17.888	2558	2561	2566	rBV2	80227	111698	2.11%	0.170%
83	17.941	2566	2570	2574	rVB	141755	175223	3.31%	0.267%
84	17.988	2574	2578	2579	rBV3	25130	24593	0.46%	0.037%
85	18.105	2595	2598	2601	rVB4	23337	29342	0.55%	0.045%
86	18.376	2641	2644	2651	rBV7	41208	74513	1.41%	0.114%
87	18.499	2660	2665	2675	rBV2	771969	1100482	20.76%	1.677%
88	19.192	2780	2783	2787	rBV3	77876	91267	1.72%	0.139%
89	19.233	2787	2790	2794	rVB	154250	193374	3.65%	0.295%
90	19.756	2875	2879	2885	rBV2	450689	579561	10.93%	0.883%
91	20.021	2918	2924	2930	rVB	3349952	5300950	100.00%	8.077%
92	20.303	2968	2972	2975	rBV	789252	871929	16.45%	1.329%
93	20.338	2975	2978	2983	rVB	1598542	1738885	32.80%	2.650%
94	21.313	3140	3144	3147	rBV2	268337	363291	6.85%	0.554%
95	21.349	3147	3150	3157	rVB2	558411	727507	13.72%	1.109%
96	21.537	3178	3182	3189	rBV2	385400	587746	11.09%	0.896%
97	21.948	3246	3252	3260	rVB2	1843678	3366598	63.51%	5.130%
98	22.518	3346	3349	3355	rVB3	179668	292444	5.52%	0.446%
99	25.168	3791	3800	3812	rVB2	1637783	4874259	91.95%	7.427%
100	25.409	3833	3841	3853	rVB2	1116448	3339651	63.00%	5.089%

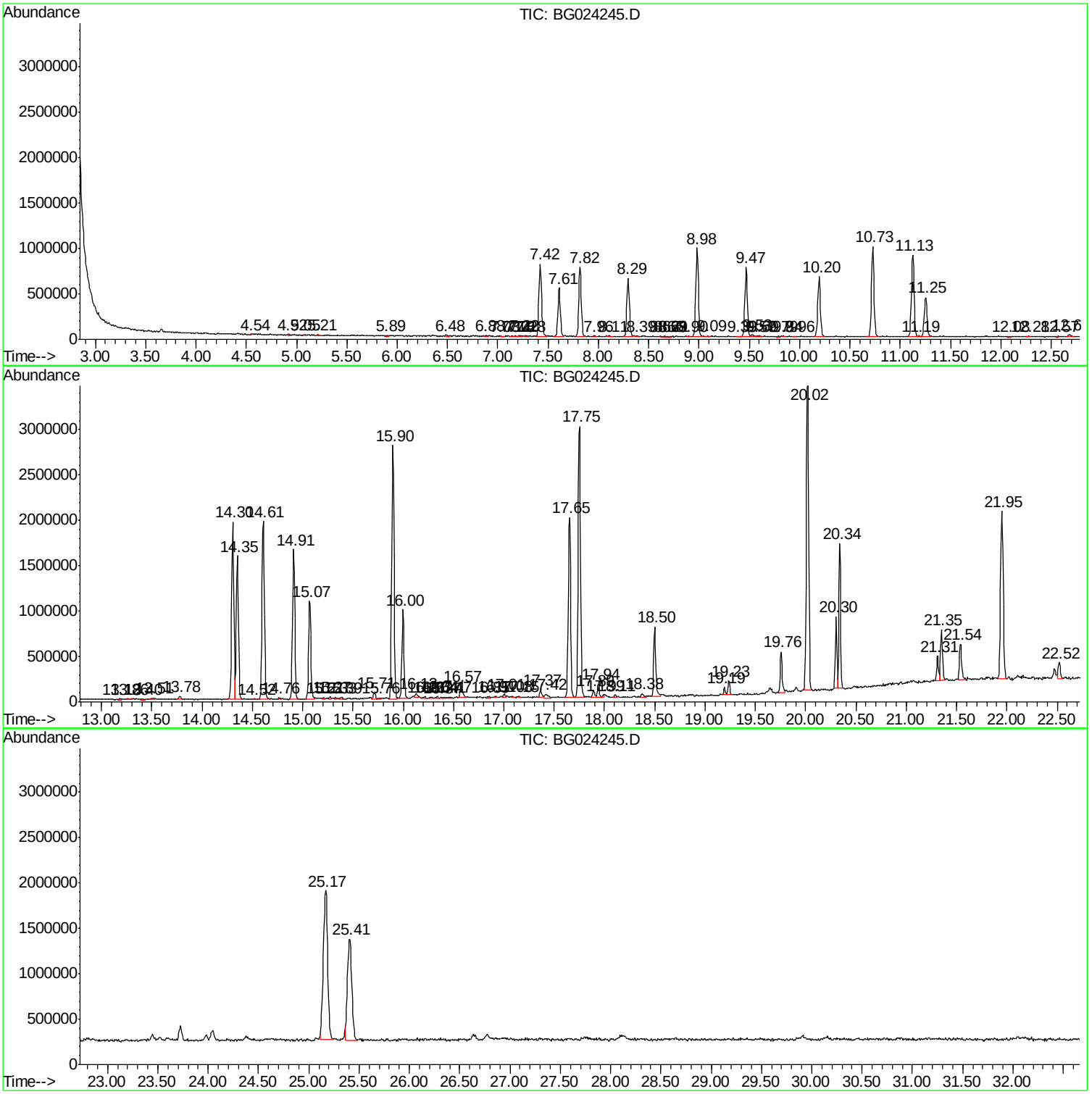
Sum of corrected areas: 65626560

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101016\
Data File : BG024245.D
Acq On : 10 Oct 2016 19:10
Operator : UM/SJ
Sample : H5082-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDPJ1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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Instrument : BNA_G
ClientSampleId : BDPJ1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

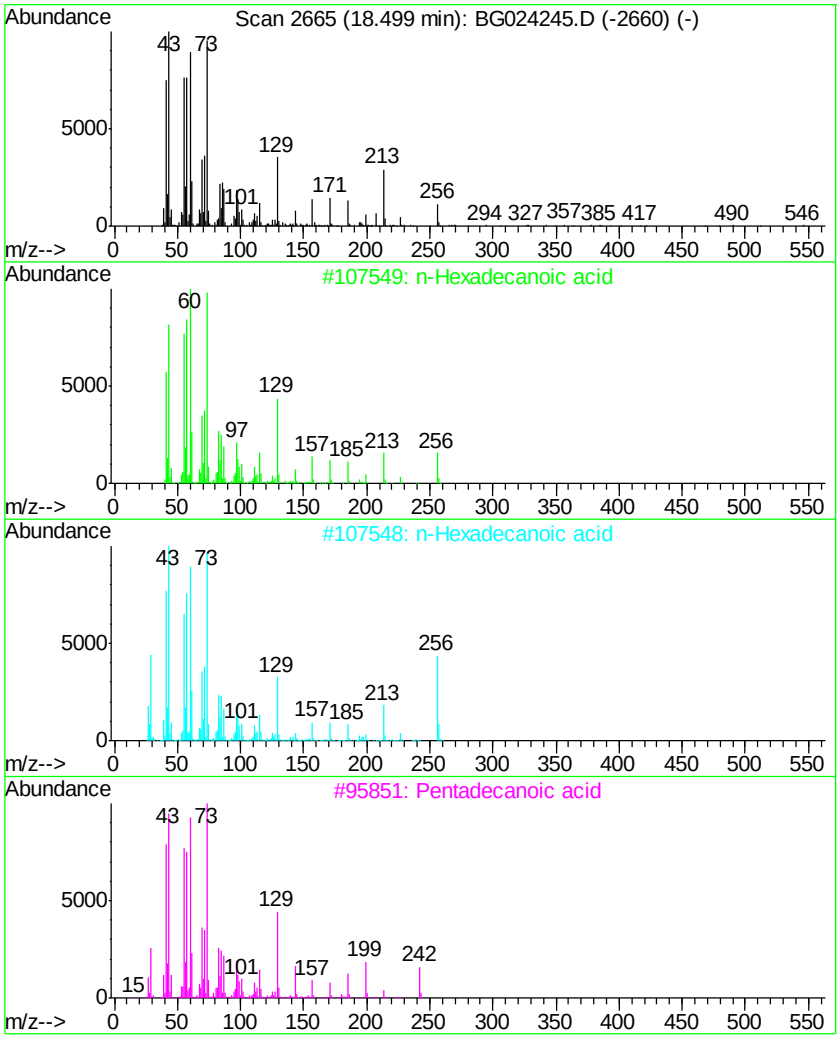
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

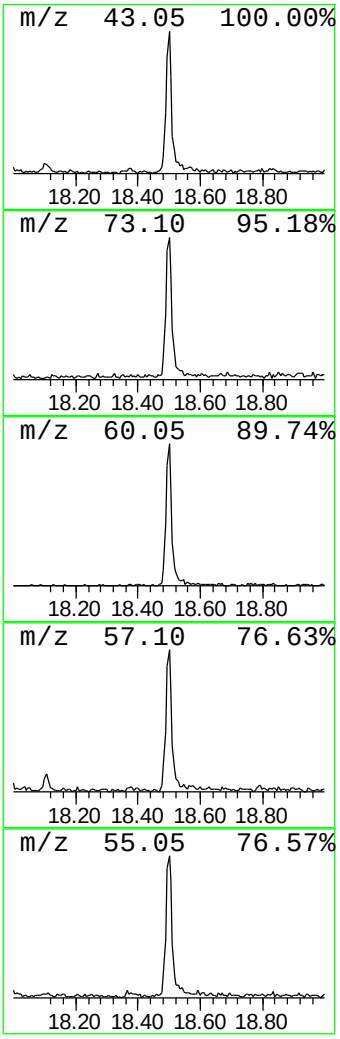
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	7.04 ng/ul	1100480	Phenanthrene-d10	17.65

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	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101016\
Data File : BG024245.D
Acq On : 10 Oct 2016 19:10
Operator : UM/SJ
Sample : H5082-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDPJ1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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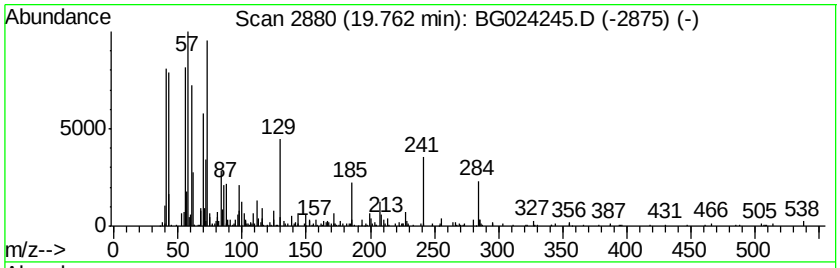
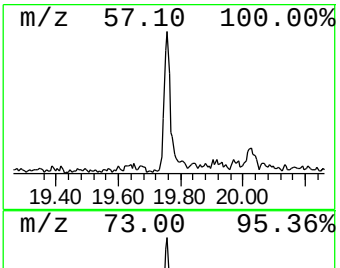
****

Peak Number 2 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	3.71 ng/ul	579561	Phenanthrene-d10	17.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





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Instrument : BNA_G
ClientSampleId : BDPJ1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

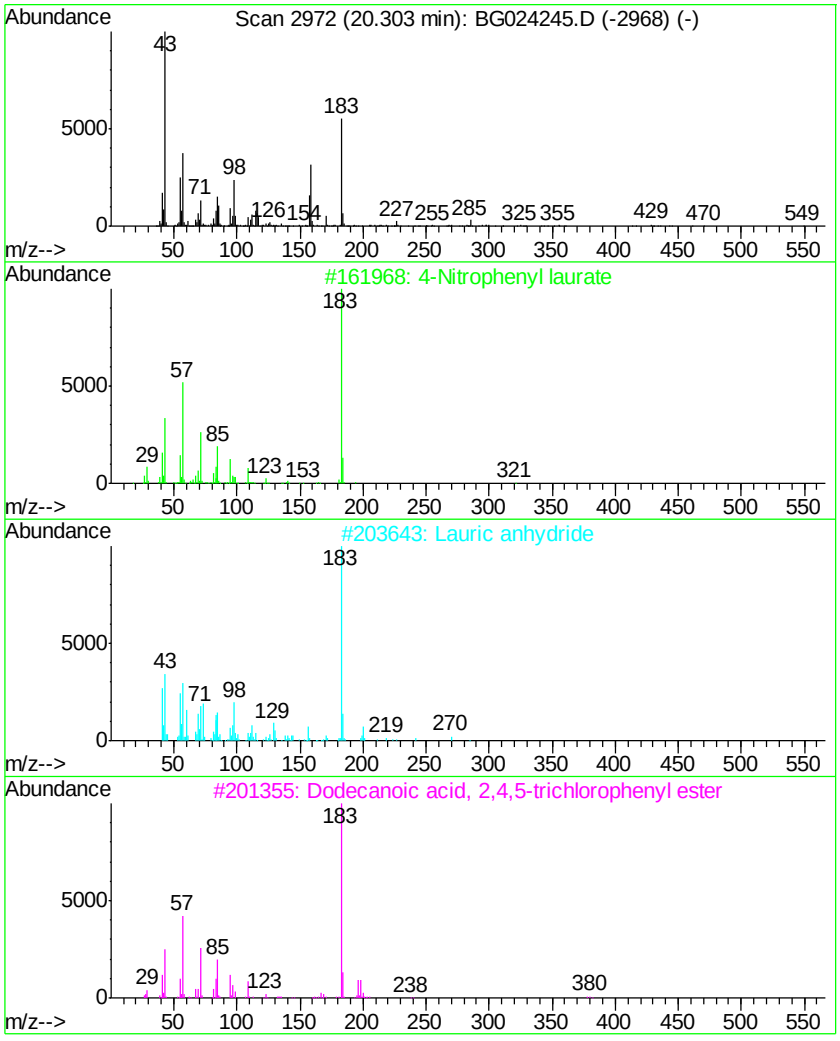
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

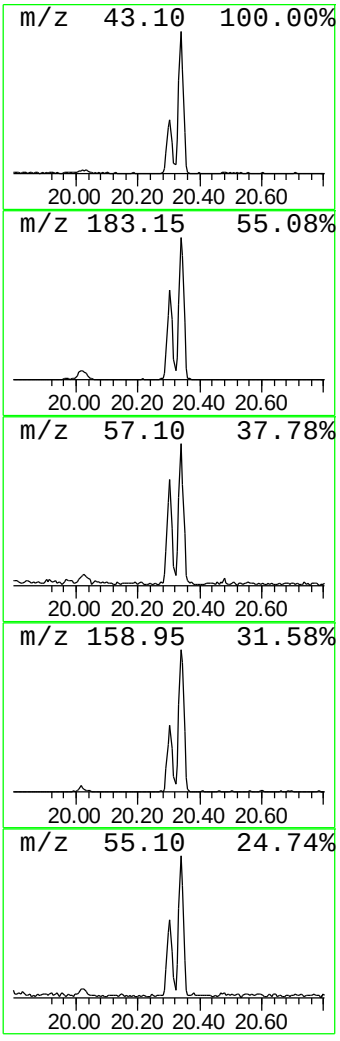
****

Peak Number 3 4-Nitrophenyl laurate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	5.18 ng/ul	871929	Chrysene-d12	21.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	89
2	Lauric anhydride	382	C24H46O3	000645-66-9	47
3	Dodecanoic acid, 2,4,5-trichloro...	378	C18H25Cl3O2	1000360-54-9	43
4	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	38
5	Fumaric acid, 2-hexyl isohexyl e...	284	C16H28O4	1000348-74-4	38





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDPJ1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

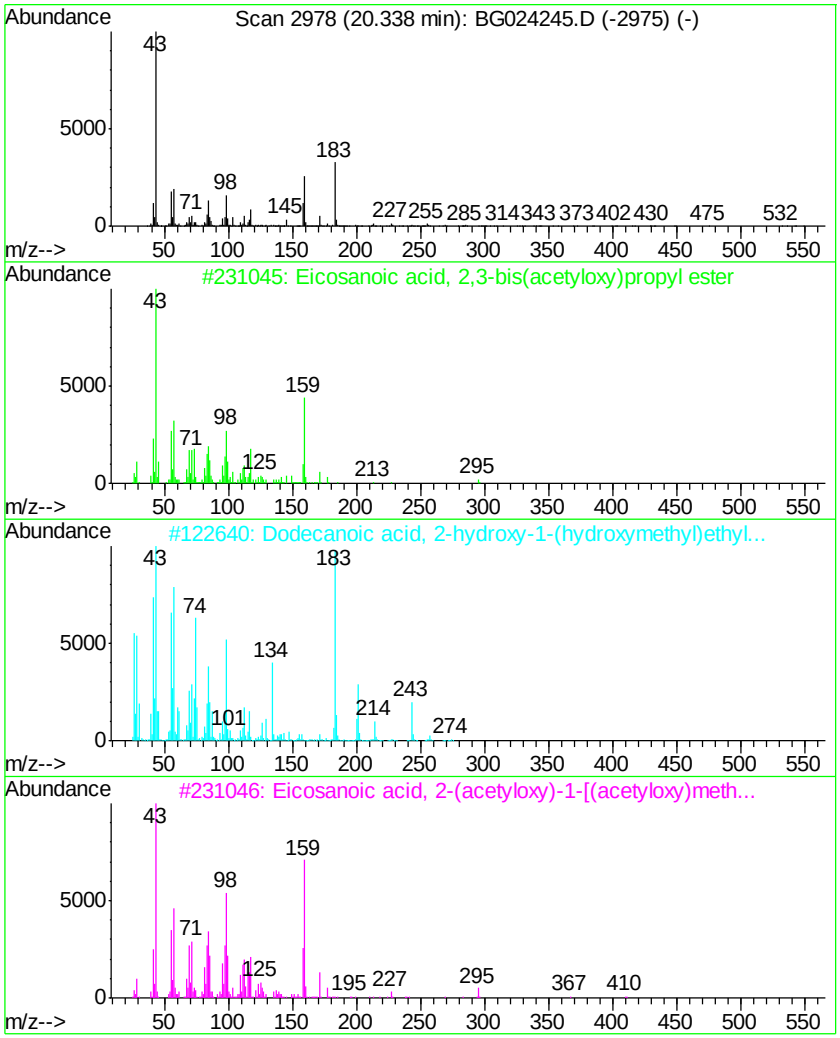
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

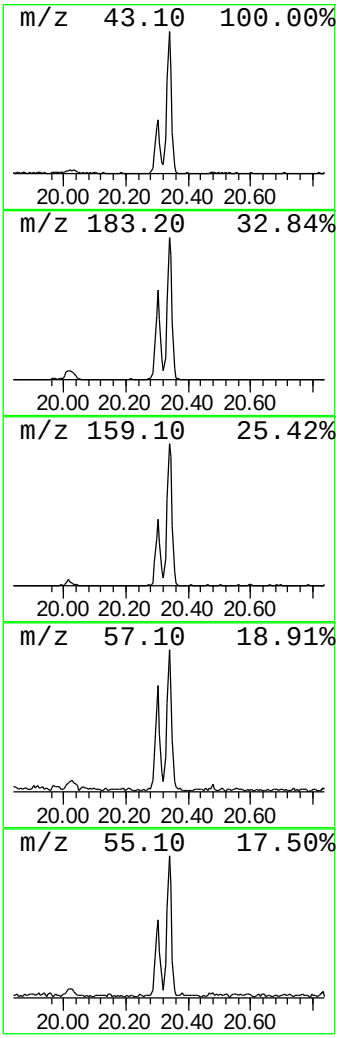
****

Peak Number 4 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	10.33 ng/ul	1738890	Chrysene-d12	21.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, 2,3-bis(acetyloxy...	470	C27H50O6	055429-67-9	40
2	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	38
3	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	35
4	9-Octadecenoic acid (Z)-, 2,3-bi...	440	C25H44O6	055401-64-4	25
5	Dodecanoic acid, 2,3-dihydroxypr...	274	C15H30O4	000142-18-7	16





Library Search Compound Report

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Sample : H5082-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDPJ1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

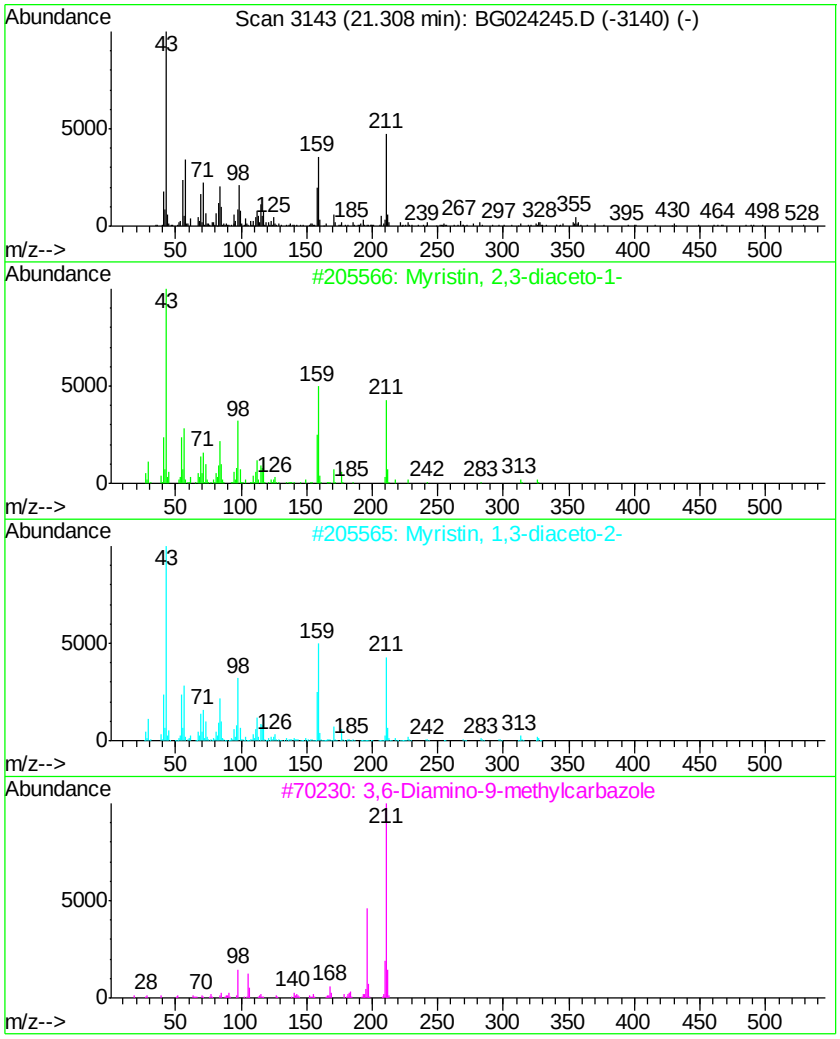
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

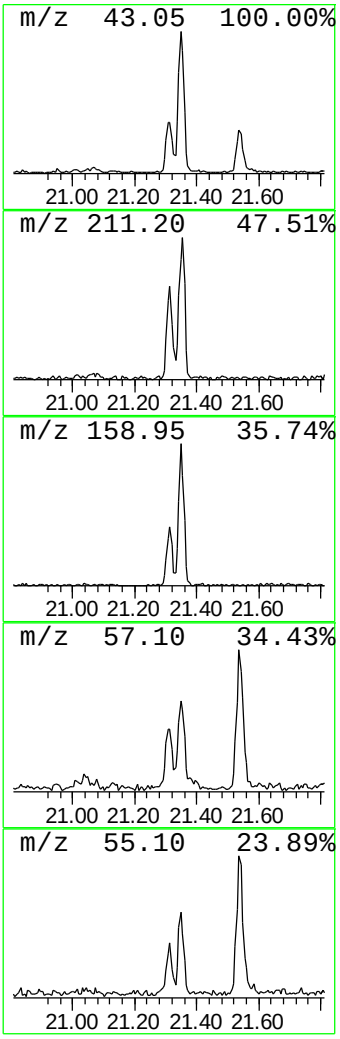
****

Peak Number 5 Myristin, 2,3-diaceto-1- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	2.16 ng/ul	363291	Chrysene-d12	21.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	87
2	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	87
3	3,6-Diamino-9-methylcarbazole	211	C13H13N3	046498-17-3	32
4	Myristic acid, 3,4-dichlorophenyl...	372	C20H30Cl2O2	1000357-93-1	27
5	7-(2,4-Dichlorophenyl)-5-p-tolyl...	356	C18H14Cl2N4	324581-20-6	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101016\
Data File : BG024245.D
Acq On : 10 Oct 2016 19:10
Operator : UM/SJ
Sample : H5082-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDPJ1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

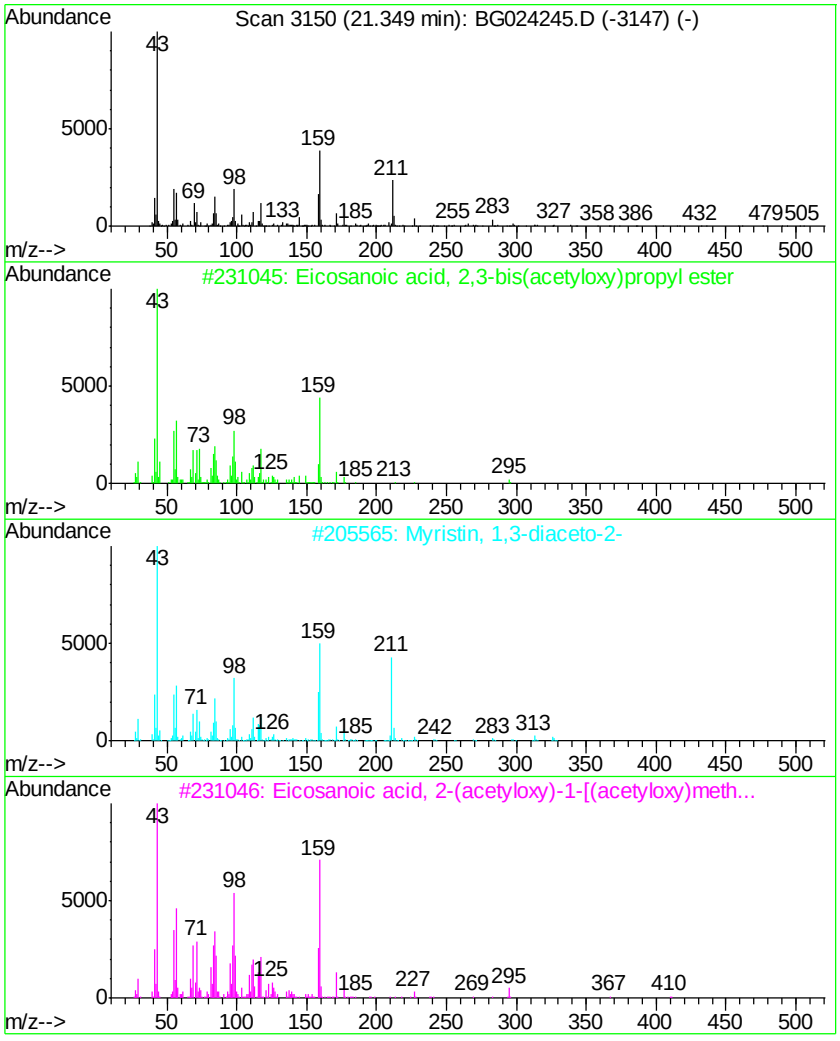
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

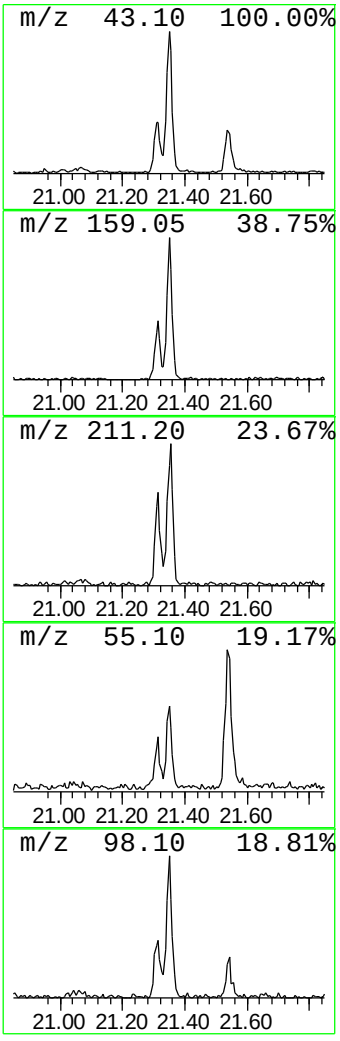
****

Peak Number 6 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	4.32 ng/ul	727507	Chrysene-d12	21.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	42
2	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	32
3	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	28
4	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	27
5	Tetradecanoic acid, 2-hydroxy-1-...	302	C17H34O4	003443-83-2	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101016\
Data File : BG024245.D
Acq On : 10 Oct 2016 19:10
Operator : UM/SJ
Sample : H5082-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDPJ1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

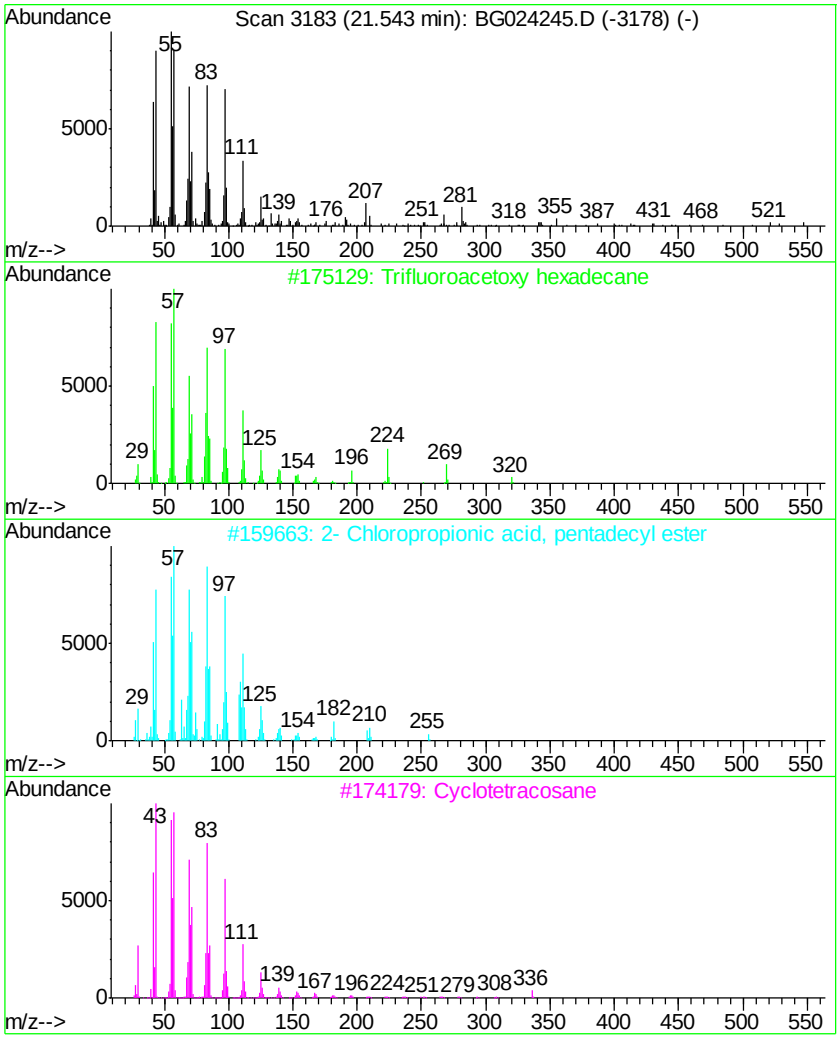
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

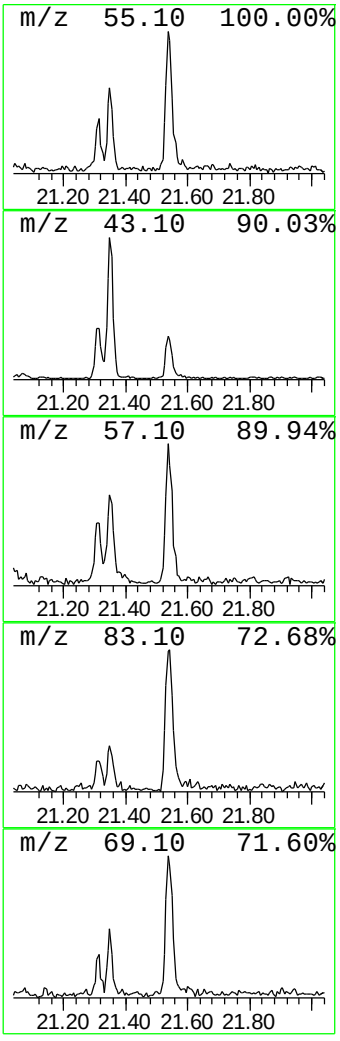
****

Peak Number 7 Trifluoroacetoxy hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	3.49 ng/ul	587746	Chrysene-d12	21.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
2	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	91
3	Cyclotetracosane	336	C24H48	000297-03-0	91
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	90
5	Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101016\
Data File : BG024245.D
Acq On : 10 Oct 2016 19:10
Operator : UM/SJ
Sample : H5082-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDPJ1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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	18.50	7.0	ng/ul	1100480	4	17.65	3126780	20.0
Octadecanoic acid	19.76	3.7	ng/ul	579561	4	17.65	3126780	20.0
4-Nitrophenyl lau...	20.30	5.2	ng/ul	871929	5	21.95	3366600	20.0
unknown-01	20.34	10.3	ng/ul	1738890	5	21.95	3366600	20.0
Myristin, 2,3-dia...	21.31	2.2	ng/ul	363291	5	21.95	3366600	20.0
unknown-02	21.35	4.3	ng/ul	727507	5	21.95	3366600	20.0
Trifluoroacetoxy ...	21.54	3.5	ng/ul	587746	5	21.95	3366600	20.0