LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
Data File : BM014333.D
Acq On : 23 Feb 2018 16:32
Operator : SJ/JU
Sample : J1631-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE605

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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	4.681	284	288	292	rBV	67736	108568	2.18%	0.164%
2	6.716	624	634	648	rVB	434632	928606	18.66%	1.405%
3	6.875	654	661	673	rBV	405217	701611	14.10%	1.062%
4	7.063	687	693	703	rBV	518673	832082	16.72%	1.259%
5	7.175	708	712	720	rVB2	42826	71473	1.44%	0.108%
6	7.528	765	772	783	rVB	413036	718376	14.44%	1.087%
7	7.634	786	790	799	rVB7	39449	102522	2.06%	0.155%
8	8.157	874	879	884	rBV5	29826	50588	1.02%	0.077%
9	8.245	887	894	901	rBV2	595789	1045649	21.02%	1.582%
10	8.322	903	907	913	rVB7	34550	70897	1.42%	0.107%
11	8.428	920	925	929	rBV4	25024	50798	1.02%	0.077%
12	8.687	963	969	982	rBV	527638	961256	19.32%	1.454%
13	8.857	992	998	1007	rVB7	30300	67612	1.36%	0.102%
14	8.945	1007	1013	1019	rVV3	101348	177634	3.57%	0.269%
15	9.139	1040	1046	1051	rVV3	30102	51104	1.03%	0.077%
16	9.192	1051	1055	1062	rVB	72291	108558	2.18%	0.164%
17	9.398	1080	1090	1102	rBV2	461812	879690	17.68%	1.331%
18	9.498	1102	1107	1125	rVB3	237983	548837	11.03%	0.830%
19	9.704	1136	1142	1144	rBV3	82638	155397	3.12%	0.235%
20	9.816	1156	1161	1166	rBV5	37514	59145	1.19%	0.089%
21	9.934	1175	1181	1200	rVB	639073	1295721	26.04%	1.961%
22	10.292	1231	1242	1247	rBV	645826	1128567	22.68%	1.708%
23	10.345	1247	1251	1257	rVB3	84451	155208	3.12%	0.235%
24	10.463	1265	1271	1277	rBV3	165756	341659	6.87%	0.517%
25	10.675	1300	1307	1314	rBV7	19836	67207	1.35%	0.102%
26	10.869	1332	1340	1343	rBV5	28022	57233	1.15%	0.087%
27	11.157	1384	1389	1393	rBV5	43280	85664	1.72%	0.130%
28	11.345	1410	1421	1427	rBV7	42230	102402	2.06%	0.155%
29	11.404	1427	1431	1435	rVV4	46465	77754	1.56%	0.118%
30	11.486	1441	1445	1454	rVB6	46031	99238	1.99%	0.150%
31	11.851	1500	1507	1512	rBV10	48998	109169	2.19%	0.165%
32	11.951	1518	1524	1525	rBV6	51828	77423	1.56%	0.117%
33	11.969	1525	1527	1535	rVB	73853	123724	2.49%	0.187%
34	12.192	1559	1565	1576	rVB	136336	262552	5.28%	0.397%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J1631-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE605

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Title : SVOA CALIBRATION

35	12.592	1629	1633	1640	rBV7	36410	75860	1.52%	0.115%
36	12.692	1647	1650	1657	rVB7	37894	66572	1.34%	0.101%
37	12.992	1693	1701	1706	rBV9	35312	81650	1.64%	0.124%
38	13.051	1706	1711	1718	rVB9	30428	67952	1.37%	0.103%
39	13.133	1718	1725	1727	rBV6	49016	108403	2.18%	0.164%
40	13.345	1755	1761	1763	rBV6	35328	65168	1.31%	0.099%
41	13.498	1782	1787	1791	rVV4	46954	82185	1.65%	0.124%
42	13.551	1791	1796	1800	rVV7	68733	136919	2.75%	0.207%
43	13.604	1800	1805	1810	rVV	1352069	1847328	37.13%	2.795%
44	13.651	1810	1813	1819	rVB	195657	283497	5.70%	0.429%
45	13.869	1843	1850	1860	rBV	1445663	2232489	44.87%	3.378%
46	14.086	1881	1887	1894	rBV3	119387	209668	4.21%	0.317%
47	14.180	1896	1903	1911	rVV2	1004423	1567898	31.51%	2.372%
48	14.251	1911	1915	1918	rVB6	33770	51807	1.04%	0.078%
49	14.445	1943	1948	1957	rBV2	185431	466285	9.37%	0.706%
50	15.045	2046	2050	2055	rVB2	103845	146608	2.95%	0.222%
51	15.186	2067	2074	2081	rBV	1931410	2685130	53.97%	4.063%
52	15.339	2093	2100	2109	rBV	440644	797255	16.02%	1.206%
53	15.427	2111	2115	2116	rVV3	42799	57032	1.15%	0.086%
54	15.457	2117	2120	2132	rVB5	83341	151942	3.05%	0.230%
55	15.915	2192	2198	2206	rBV3	114749	271579	5.46%	0.411%
56	16.263	2252	2257	2259	rBV6	36701	60326	1.21%	0.091%
57	16.704	2328	2332	2336	rBV4	67782	111894	2.25%	0.169%
58	16.939	2366	2372	2378	rBV	1311887	1882455	37.83%	2.848%
59	17.039	2383	2389	2399	rVV2	1997160	2910066	58.49%	4.403%
60	17.851	2519	2527	2534	rBV	420941	658208	13.23%	0.996%
61	18.133	2571	2575	2582	rBV8	72294	133901	2.69%	0.203%
62	18.357	2605	2613	2621	rBV2	135003	321702	6.47%	0.487%
63	18.780	2675	2685	2693	rBV2	271929	475347	9.55%	0.719%
64	18.992	2717	2721	2722	rBV	51306	62504	1.26%	0.095%
65	19.015	2722	2725	2731	rVV3	68892	96683	1.94%	0.146%
66	19.139	2742	2746	2752	rBV5	167431	249574	5.02%	0.378%
67	19.345	2776	2781	2790	rBV	2229215	3155353	63.42%	4.774%
68	19.545	2811	2815	2820	rVB5	58235	68799	1.38%	0.104%
69	19.903	2869	2876	2884	rVB3	252314	400839	8.06%	0.606%
70	20.227	2928	2931	2938	rBV8	82612	123001	2.47%	0.186%
71	20.398	2957	2960	2967	rBV3	116516	160432	3.22%	0.243%

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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Title : SVOA CALIBRATION

72	20.580	2987	2991	2997	rBV	1326036	1435132	28.84%	2.171%
73	20.874	3036	3041	3049	rVV	1490728	2371763	47.67%	3.589%
74	20.945	3050	3053	3059	rVB3	109181	127039	2.55%	0.192%
75	21.150	3083	3088	3100	rBV	1229373	2040423	41.01%	3.087%
76	21.333	3112	3119	3125	rBV4	237945	421951	8.48%	0.638%
77	21.480	3140	3144	3150	rBV	1198504	1325574	26.64%	2.006%
78	21.603	3163	3165	3169	rVB5	90816	102476	2.06%	0.155%
79	21.727	3182	3186	3187	rBV2	133934	151890	3.05%	0.230%
80	21.762	3187	3192	3199	rVV2	1321781	2251881	45.26%	3.407%
81	21.815	3199	3201	3205	rVB3	104826	123200	2.48%	0.186%
82	22.050	3237	3241	3247	rBV2	370039	492069	9.89%	0.745%
83	22.221	3265	3270	3275	rBV2	307289	478340	9.61%	0.724%
84	22.392	3295	3299	3306	rVB2	271681	367564	7.39%	0.556%
85	22.527	3318	3322	3329	rBV6	175638	256229	5.15%	0.388%
86	22.650	3340	3343	3348	rBV	150010	221576	4.45%	0.335%
87	22.715	3349	3354	3361	rVV2	549735	991975	19.94%	1.501%
88	22.786	3363	3366	3370	rVB	164552	232915	4.68%	0.352%
89	23.056	3410	3412	3419	rVB8	107990	168244	3.38%	0.255%
90	23.180	3427	3433	3444	rVB2	1205187	2261679	45.46%	3.422%
91	23.321	3451	3457	3465	rVB	745916	1434519	28.83%	2.171%
92	23.803	3535	3539	3544	rVB3	150503	268134	5.39%	0.406%
93	25.603	3841	3845	3854	rVB10	171772	391462	7.87%	0.592%
94	25.885	3886	3893	3905	rVB6	374974	1211506	24.35%	1.833%
95	26.197	3936	3946	3958	rBV4	873047	3233824	64.99%	4.893%
96	26.356	3964	3973	3990	rVB4	1256531	3921271	78.81%	5.933%
97	26.727	4026	4036	4055	rVB5	1293277	4975638	100.00%	7.528%
98	27.403	4143	4151	4162	rVB5	228229	834487	16.77%	1.263%

Sum of corrected areas: 66090996

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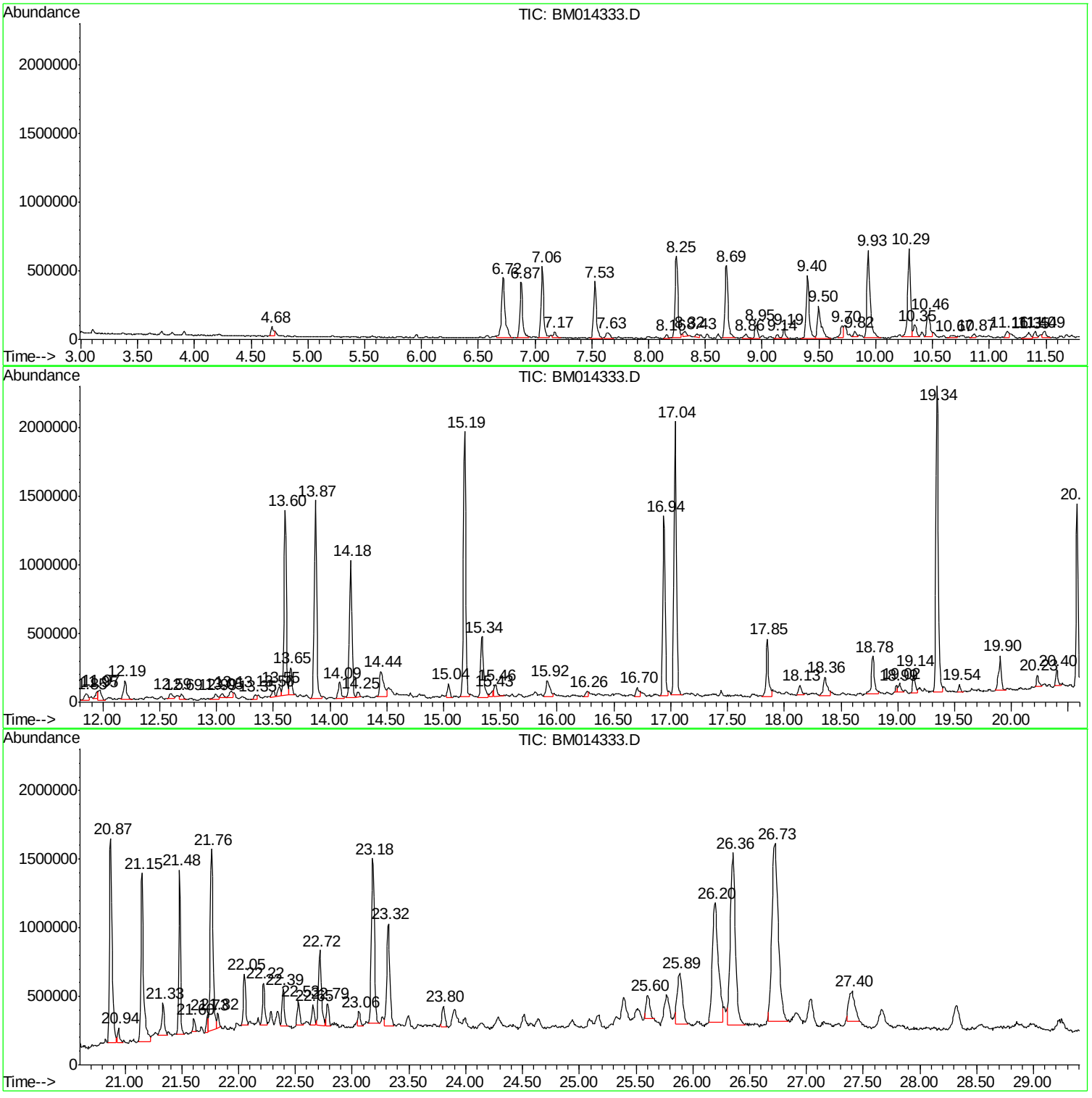
Instrument :
BNA_M
ClientSampleId :
BE605

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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

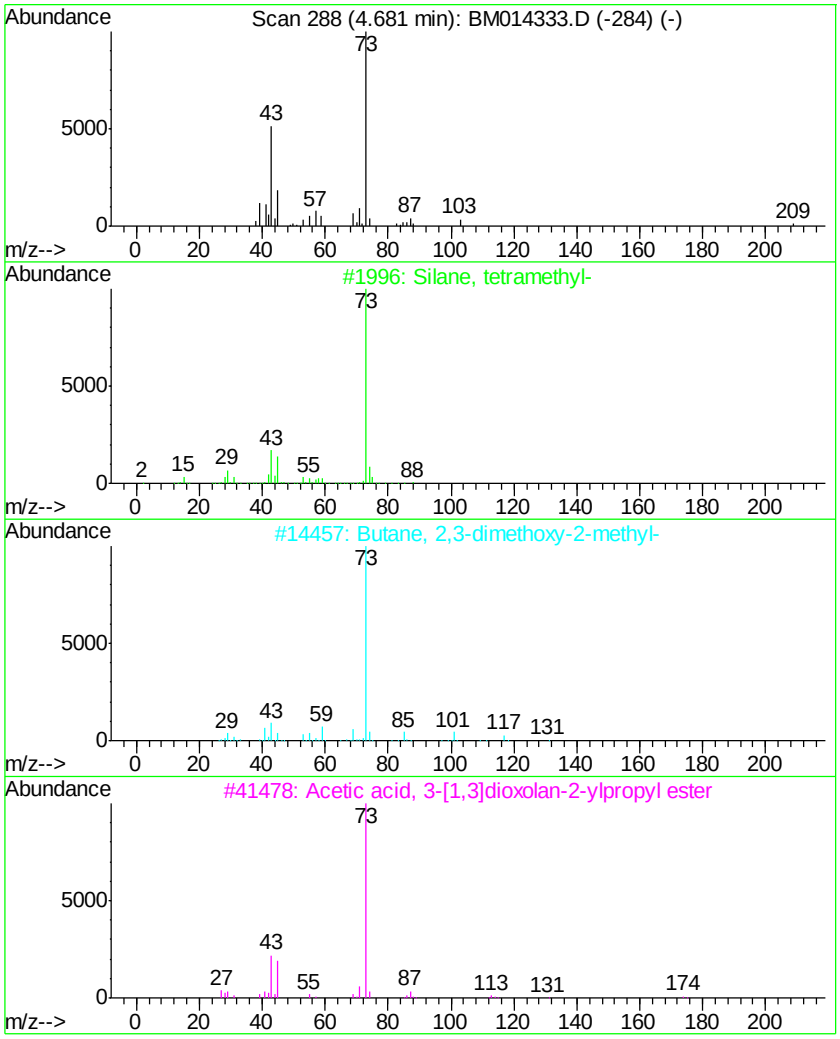
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

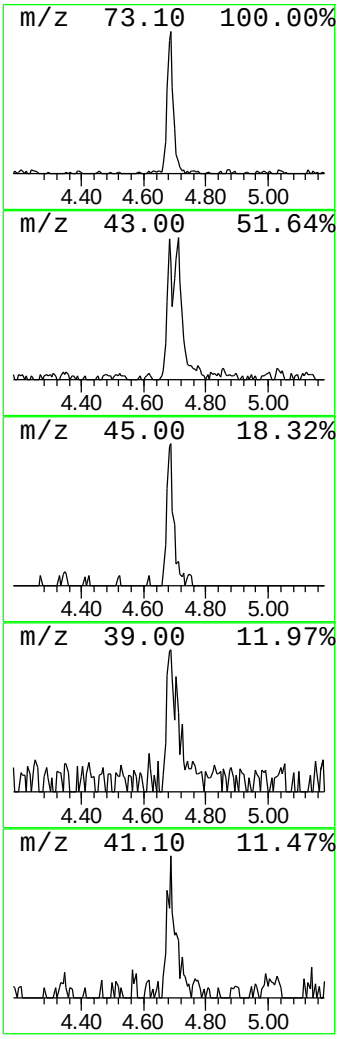
****

Peak Number 1 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	3.02 ng/ul	108568	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	43
2	Butane, 2,3-dimethoxy-2-methyl-	132	C7H16O2	074421-00-4	38
3	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	38
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	37
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	37





Library Search Compound Report

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Sample : J1631-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE605

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

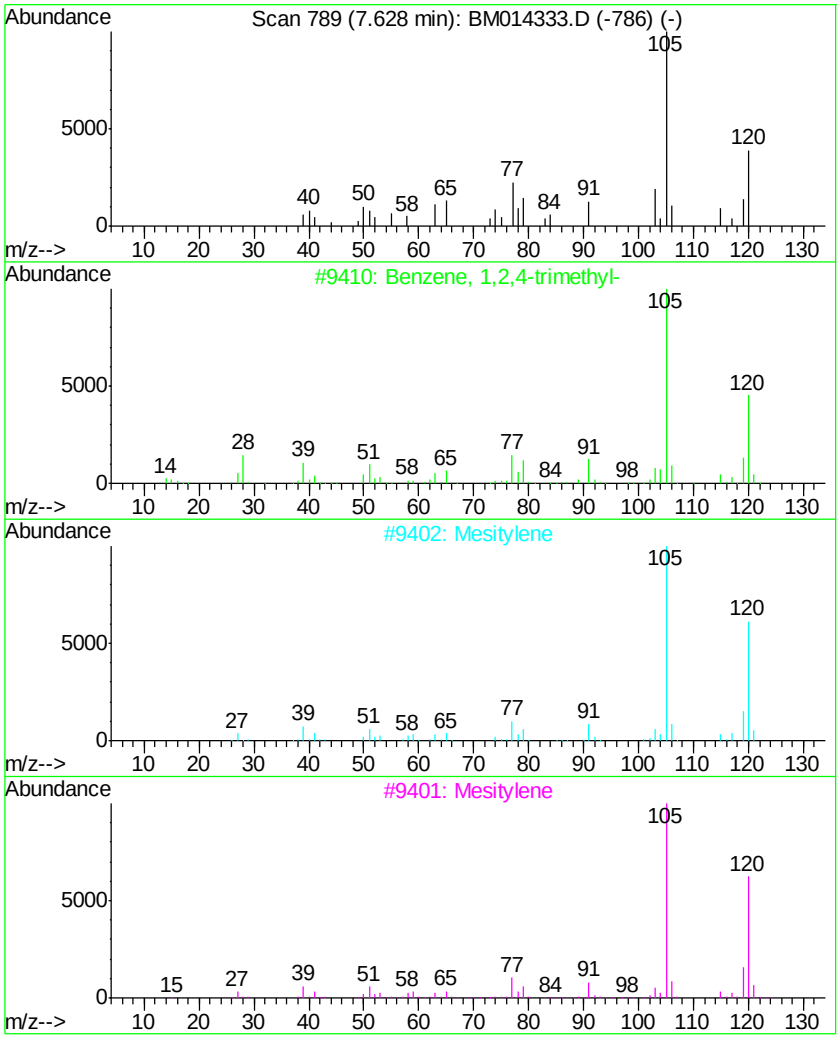
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

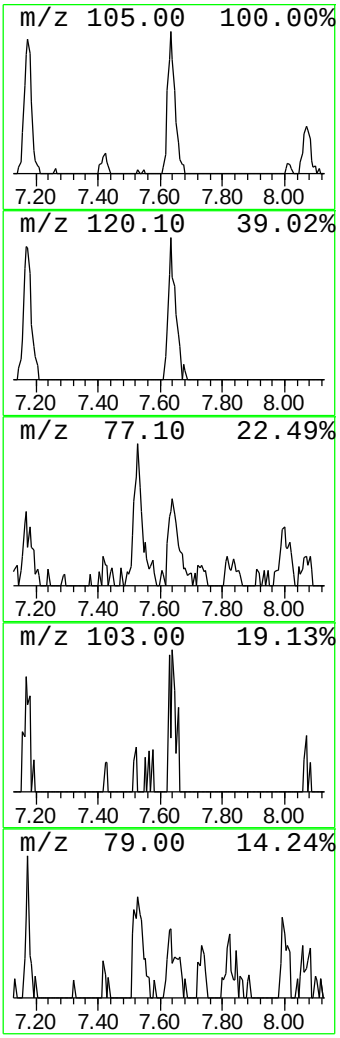
****

Peak Number 2 Benzene, 1,2,4-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	2.85 ng/ul	102522	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
2	Mesitylene	120	C9H12	000108-67-8	90
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





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Instrument : BNA_M
ClientSampleId : BE605

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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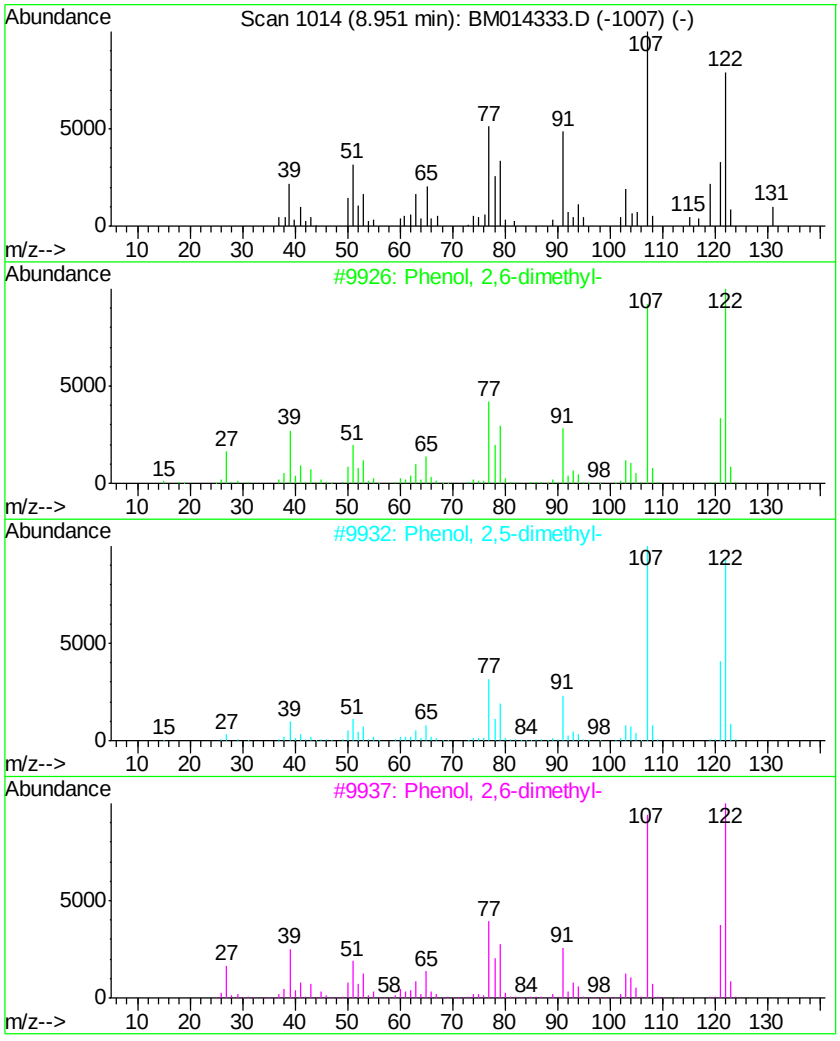
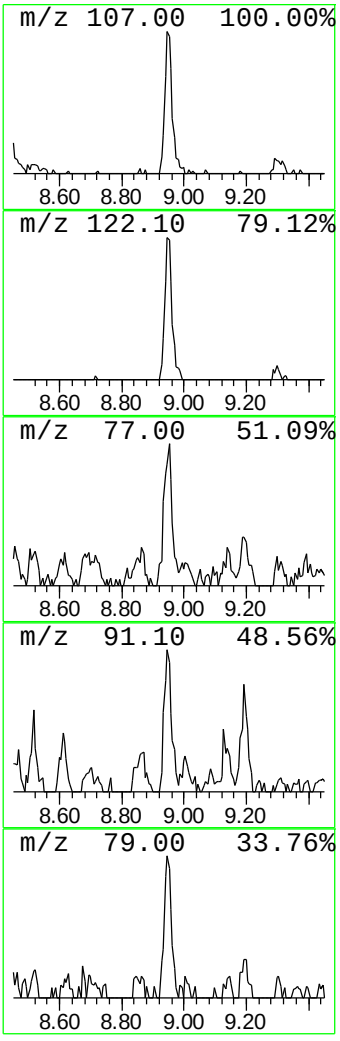
Peak Number 3 Phenol, 2,6-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	3.15 ng/ul	177634	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	93
2	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	93
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	93
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	90
5	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	87





Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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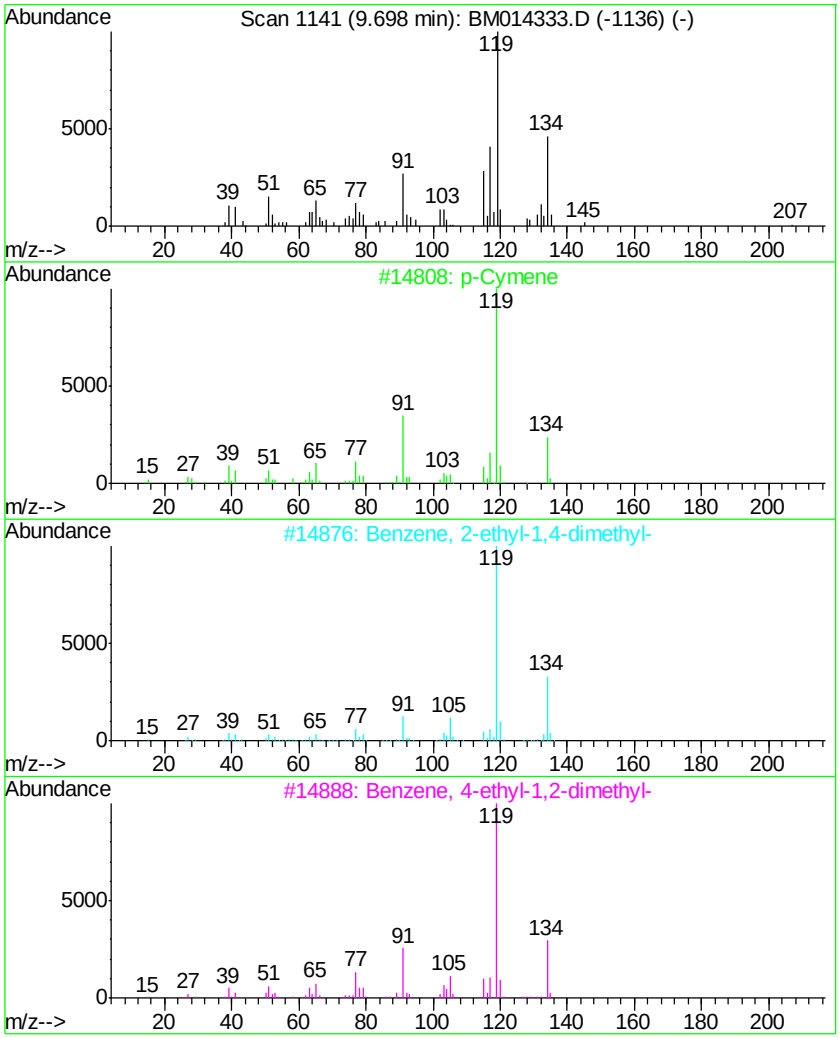
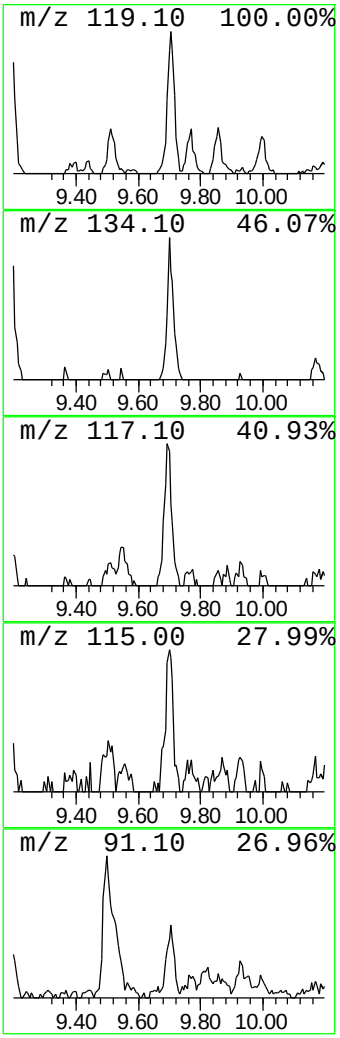
Peak Number 4 p-Cymene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	2.75 ng/ul	155397	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	81
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	74
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	74
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	72





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Sample : J1631-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE605

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

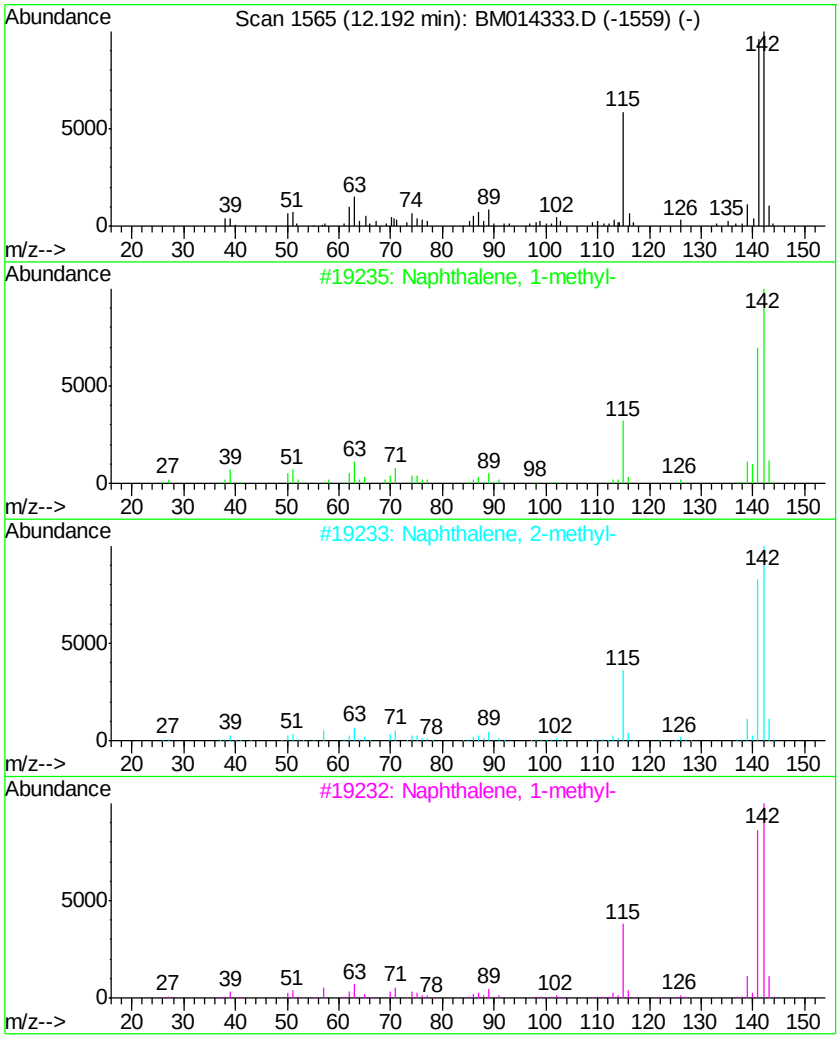
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

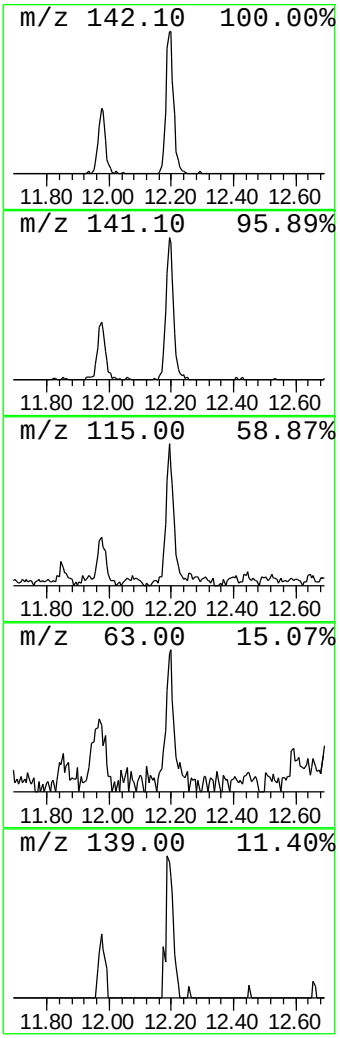
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	4.65 ng/ul	262552	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Instrument : BNA_M
ClientSampleId : BE605

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Quant Title : SVOA CALIBRATION

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

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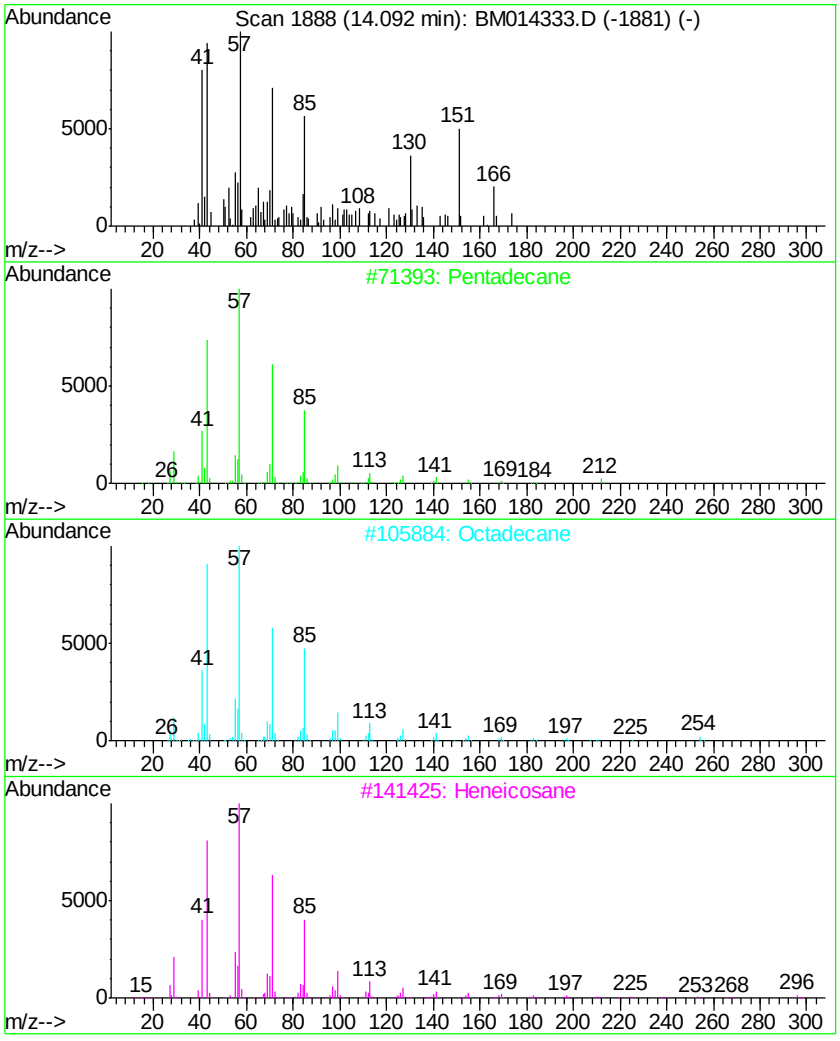
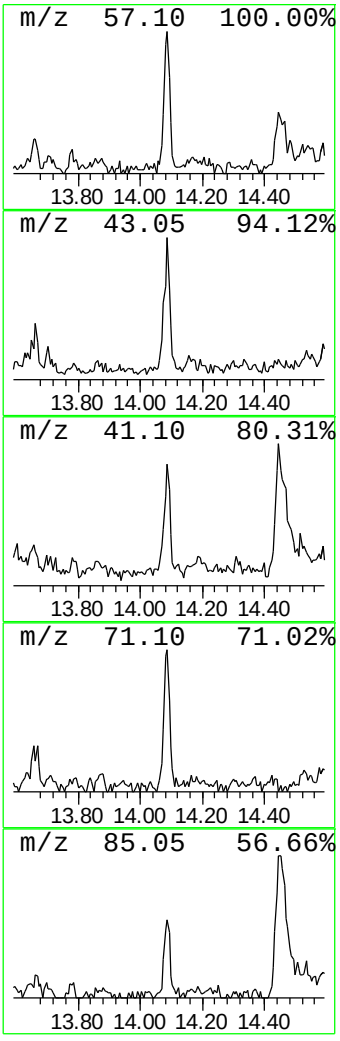
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	2.67 ng/ul	209668	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	70
2	Octadecane	254	C18H38	000593-45-3	62
3	Heneicosane	296	C21H44	000629-94-7	58
4	Tridecane	184	C13H28	000629-50-5	58
5	Tetradecane	198	C14H30	000629-59-4	58





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Sample : J1631-17
Misc :
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Instrument : BNA_M
ClientSampleId : BE605

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Quant Title : SVOA CALIBRATION

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

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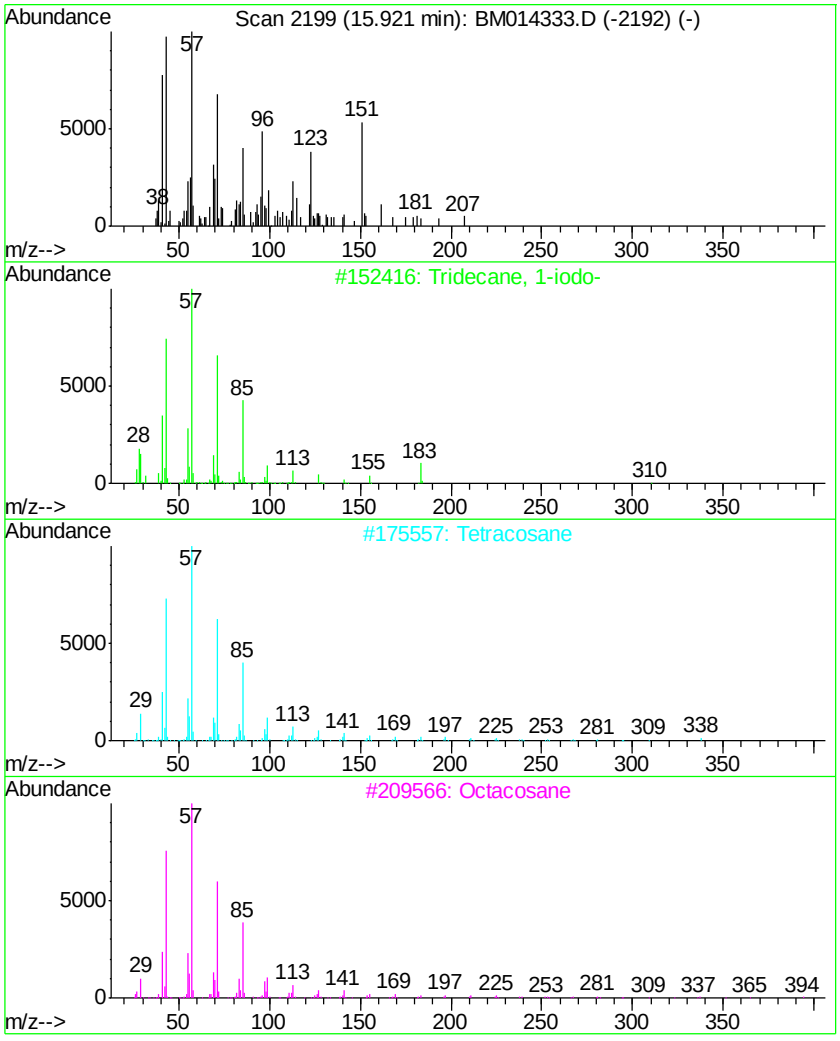
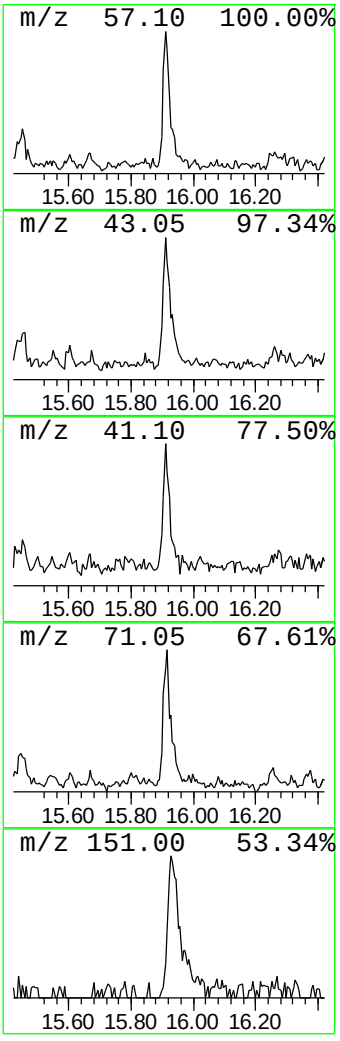
Peak Number 7 Tridecane, 1-iodo- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	2.89 ng/ul	271579	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	68
2	Tetracosane	338	C24H50	000646-31-1	68
3	Octacosane	394	C28H58	000630-02-4	68
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	68
5	Pentadecane	212	C15H32	000629-62-9	64





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Quant Title : SVOA CALIBRATION

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

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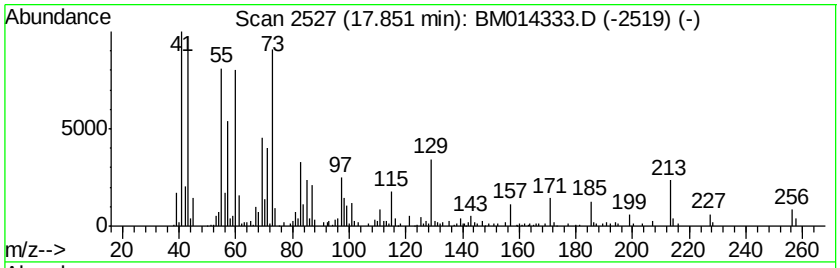
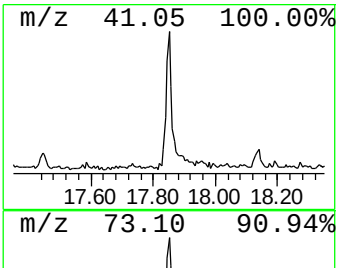
Peak Number 8 Tridecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	6.99 ng/ul	658208	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





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Quant Title : SVOA CALIBRATION

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

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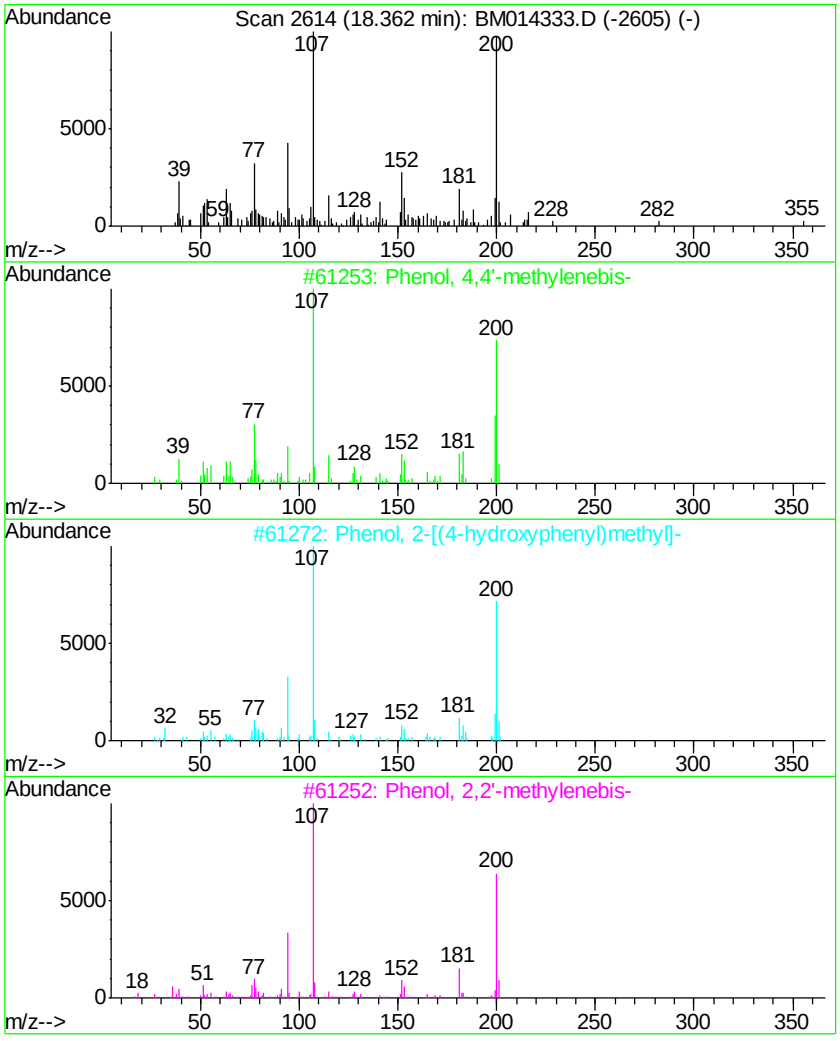
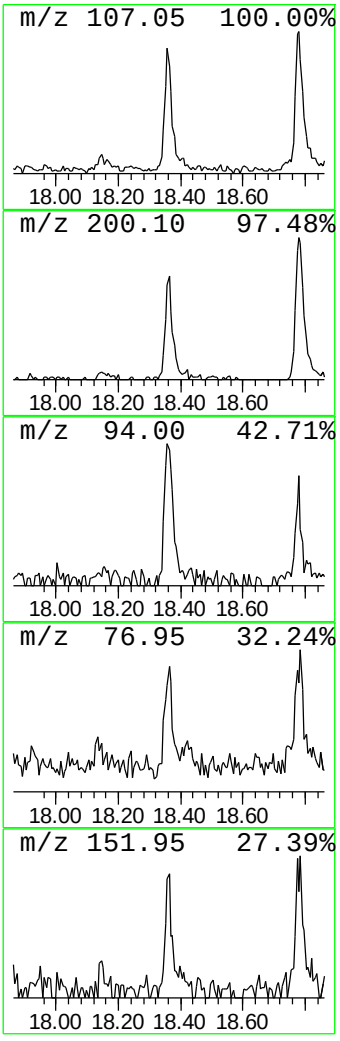
Peak Number 9 Phenol, 4,4'-methylenebis- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.42 ng/ul	321702	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	90
2	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	87
3	Phenol, 2,2'-methylenebis-	200	C13H12O2	002467-02-9	80
4	Thiazolo[4,5-f]quinoline, 9-methyl-	200	C11H8N2S	003119-43-5	42
5	Benzenemethanol, 3-phenoxy-	200	C13H12O2	013826-35-2	38





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Quant Title : SVOA CALIBRATION

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

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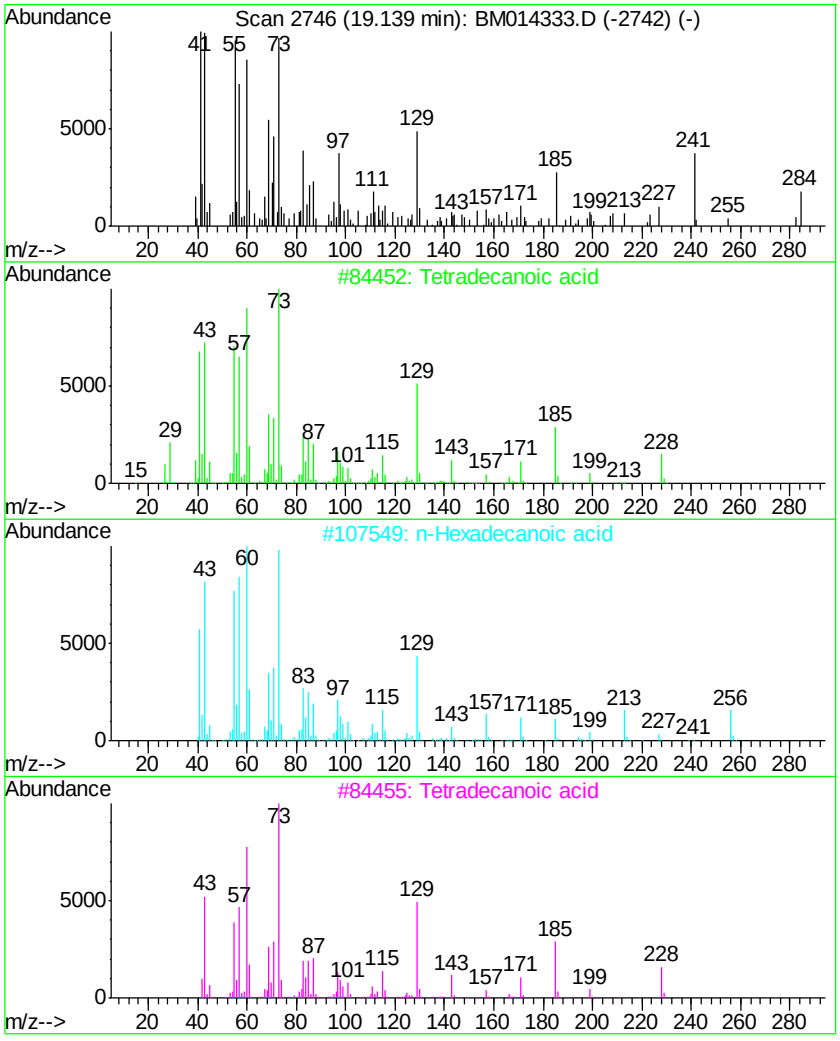
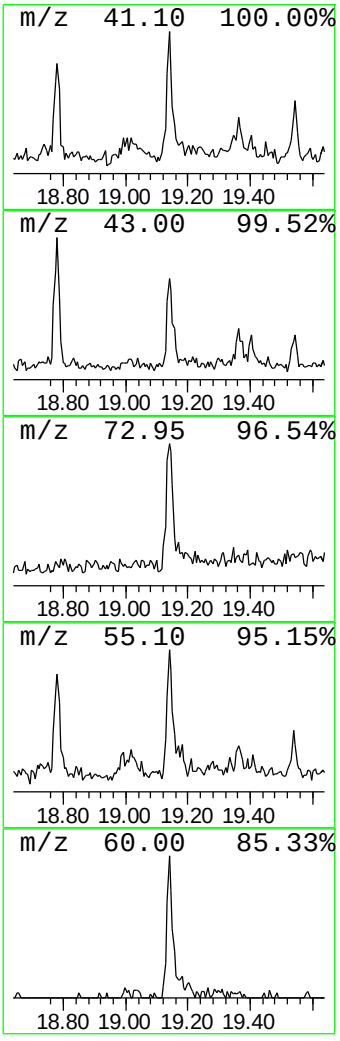
Peak Number 11 Tetradecanoic acid Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	2.45 ng/ul	249574	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Octadecanoic acid	284	C18H36O2	000057-11-4	60
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	55





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Quant Title : SVOA CALIBRATION

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

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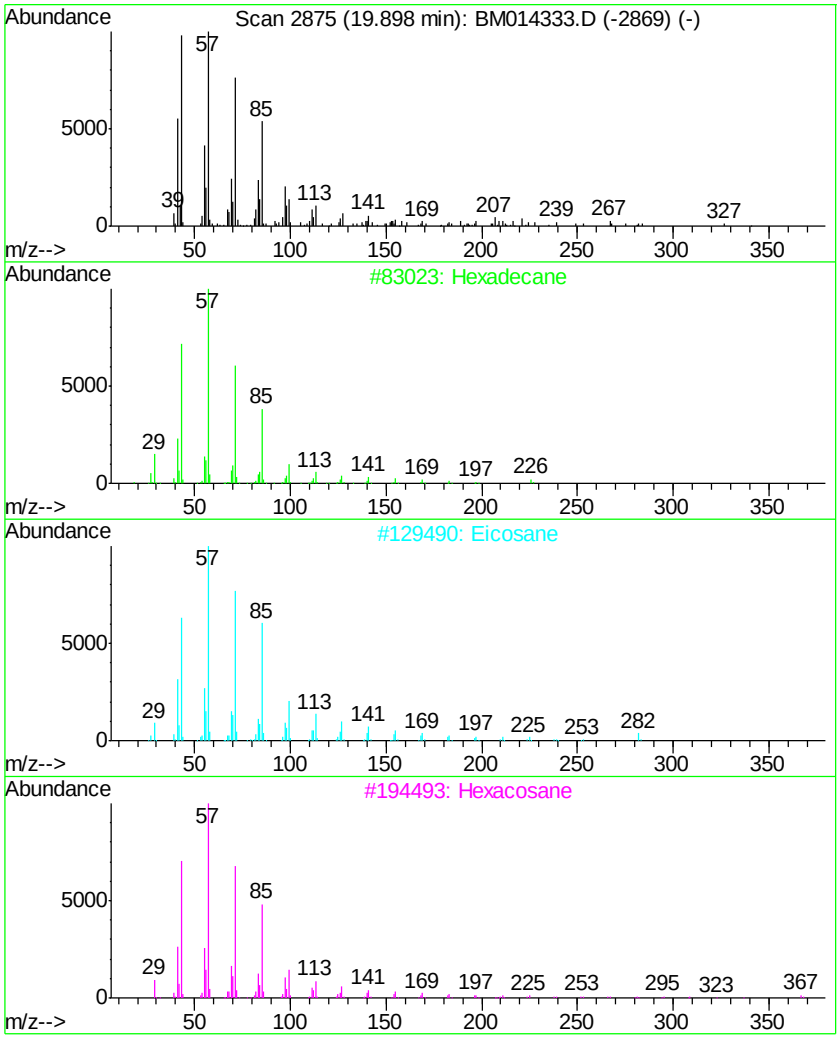
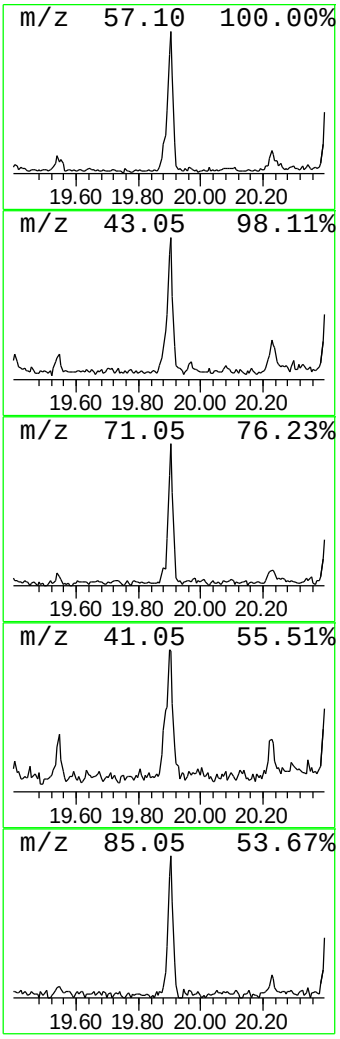
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	3.93 ng/ul	400839	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Eicosane	282	C20H42	000112-95-8	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Tetratetracontane	619	C44H90	007098-22-8	87





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Quant Title : SVOA CALIBRATION

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

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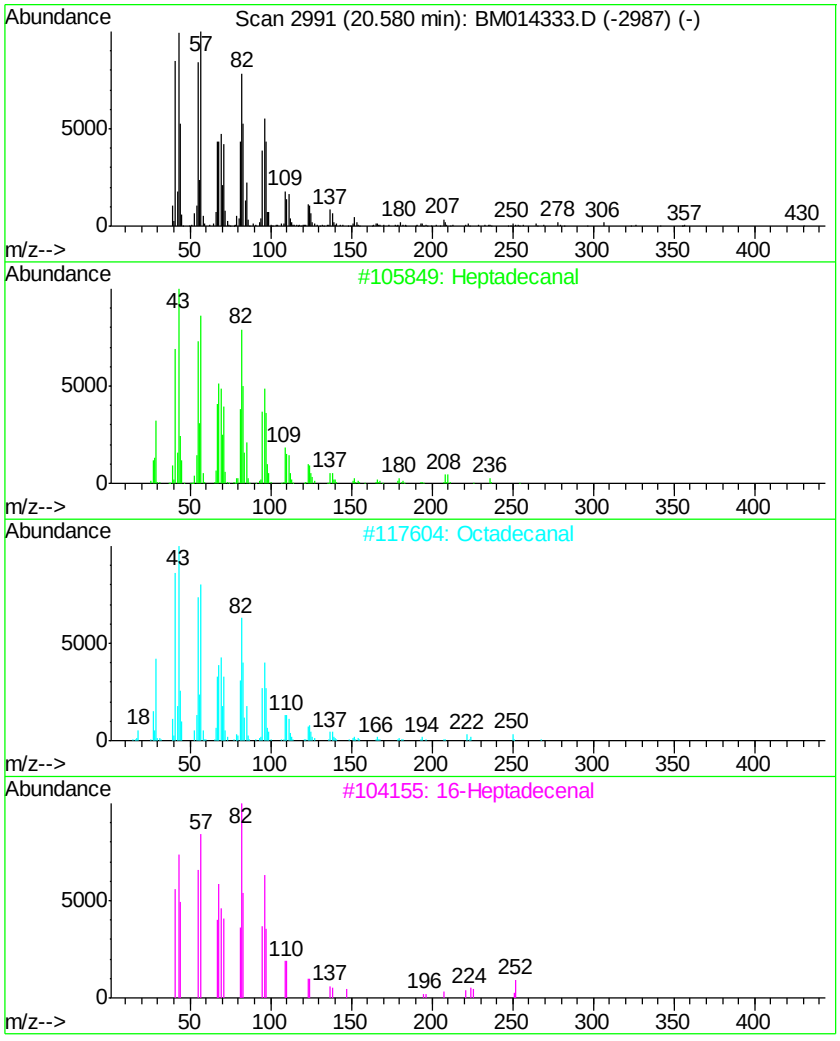
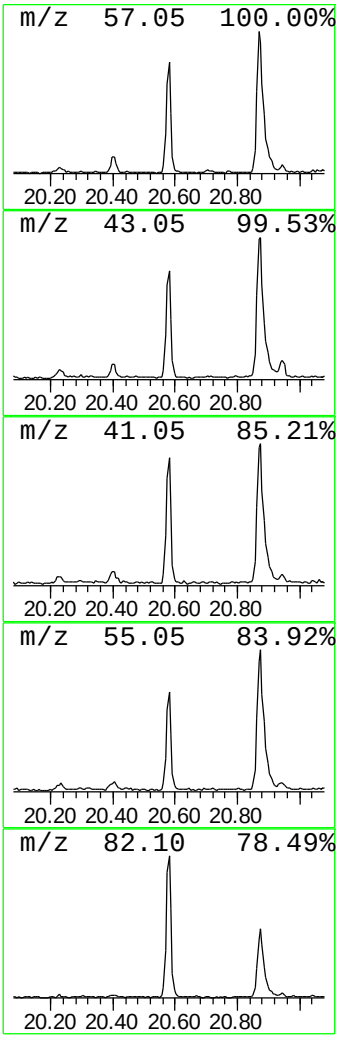
Peak Number 13 Heptadecanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.58	14.07 ng/ul	1435130	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanal	254	C17H34O	1000376-70-0	94
2	Octadecanal	268	C18H36O	000638-66-4	90
3	16-Heptadecenal	252	C17H32O	1000144-57-9	87
4	Octadecanal	268	C18H36O	000638-66-4	87
5	Pentadecanal-	226	C15H30O	002765-11-9	87





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Quant Title : SVOA CALIBRATION

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

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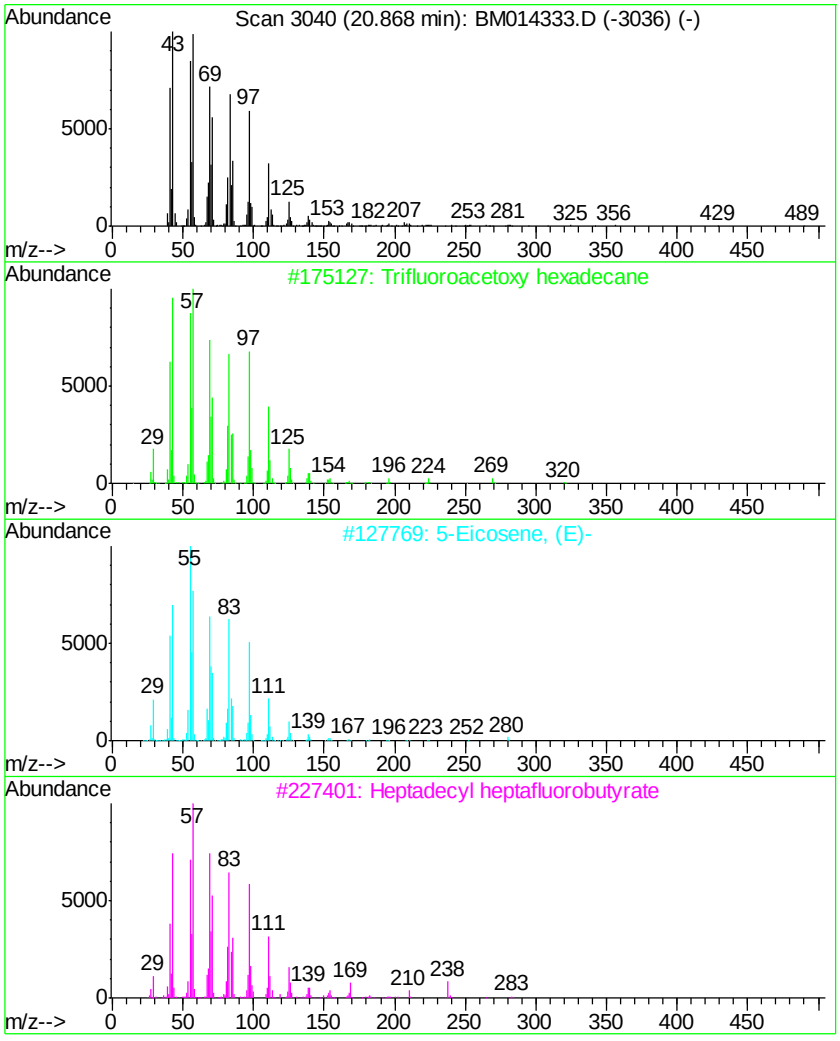
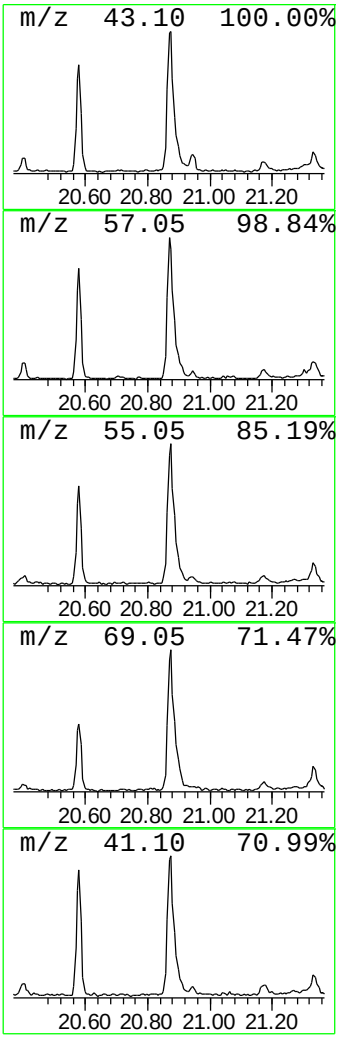
Peak Number 14 Trifluoroacetoxy hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	23.25 ng/ul	2371760	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





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

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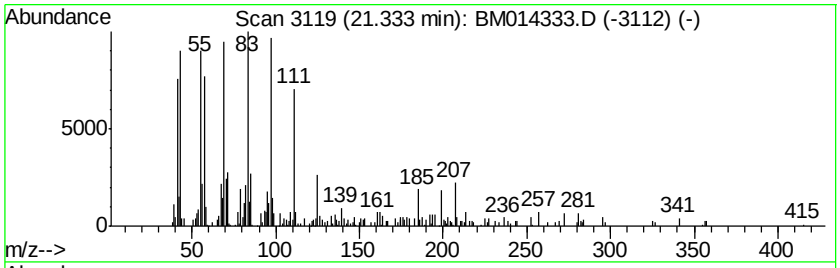
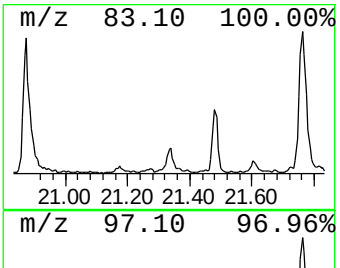
Peak Number 15 Ethyl .alpha.-hydroxymyristate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	4.14 ng/ul	421951	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl .alpha.-hydroxymyristate	272	C16H32O3	129086-73-3	91
2	Hexadecane-1,2-diol	258	C16H34O2	006920-24-7	87
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	86
4	2-Thiopheneacetic acid, oct-3-en...	252	C14H20O2S	1000299-38-6	55
5	2-Thiopheneacetic acid, 3,5-dime...	252	C14H20O2S	1000278-92-2	49





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

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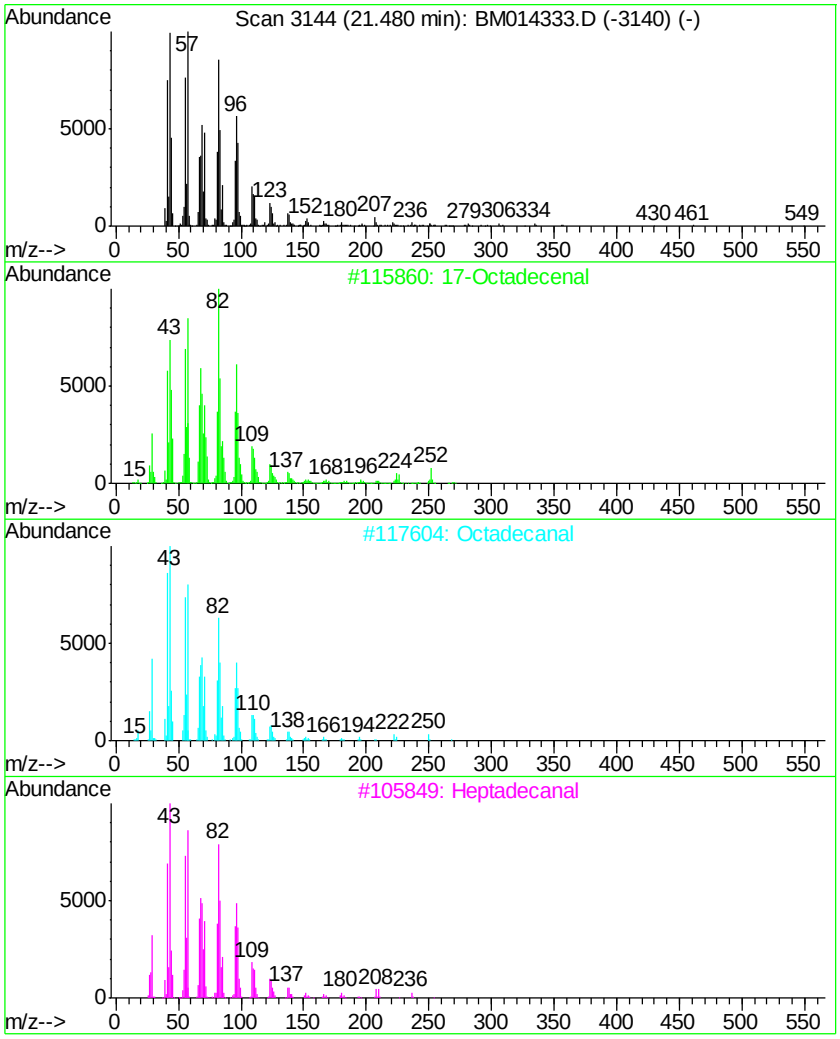
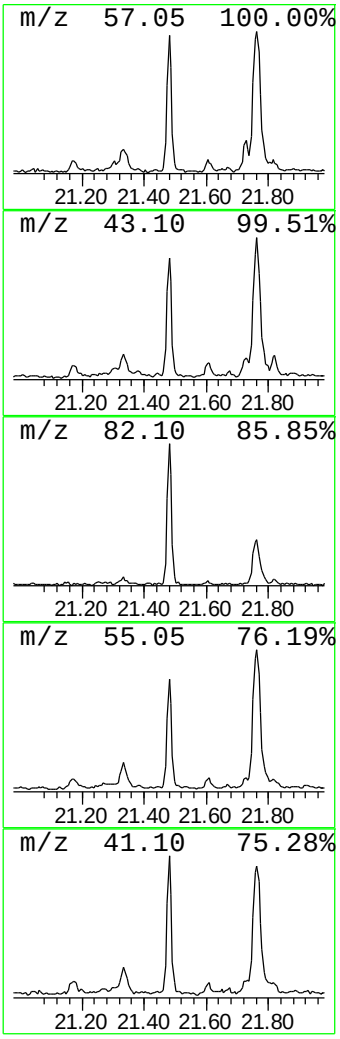
Peak Number 16 17-Octadecenal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.48	12.99 ng/ul	1325570	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Octadecenal	266	C18H34O	056554-86-0	94
2	Octadecanal	268	C18H36O	000638-66-4	93
3	Heptadecanal	254	C17H34O	1000376-70-0	91
4	Octadecanal	268	C18H36O	000638-66-4	90
5	1,19-Eicosadiene	278	C20H38	014811-95-1	86





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Quant Title : SVOA CALIBRATION

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

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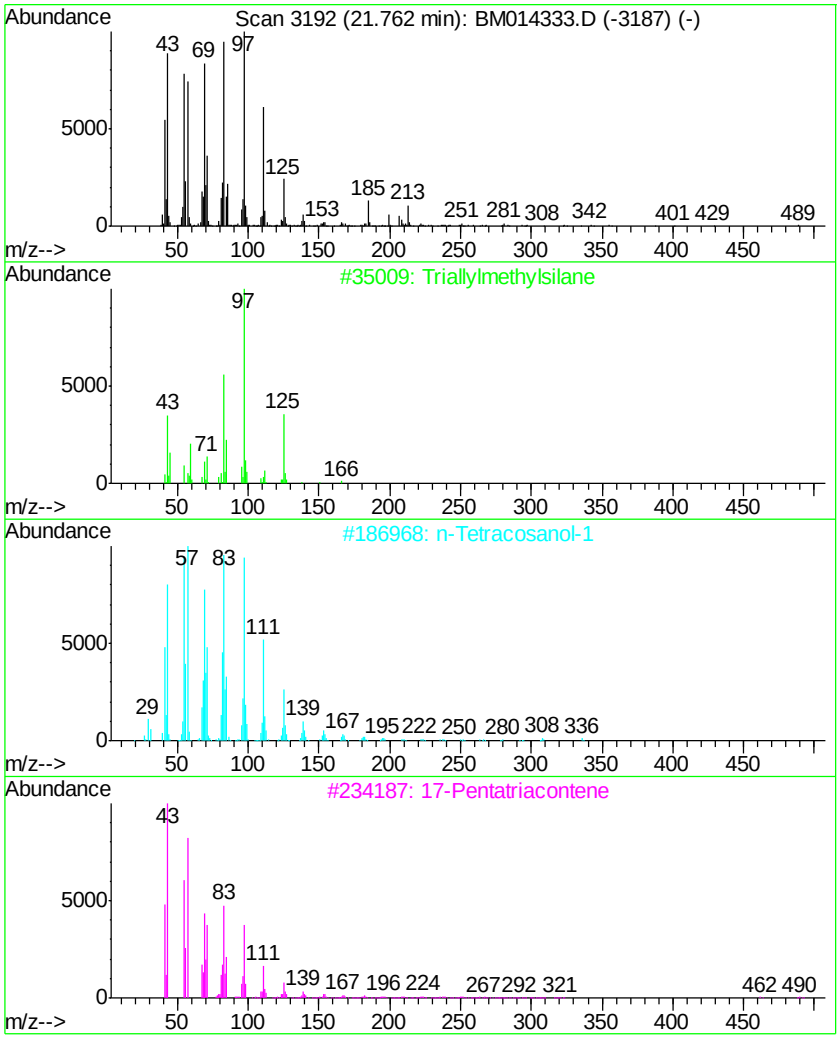
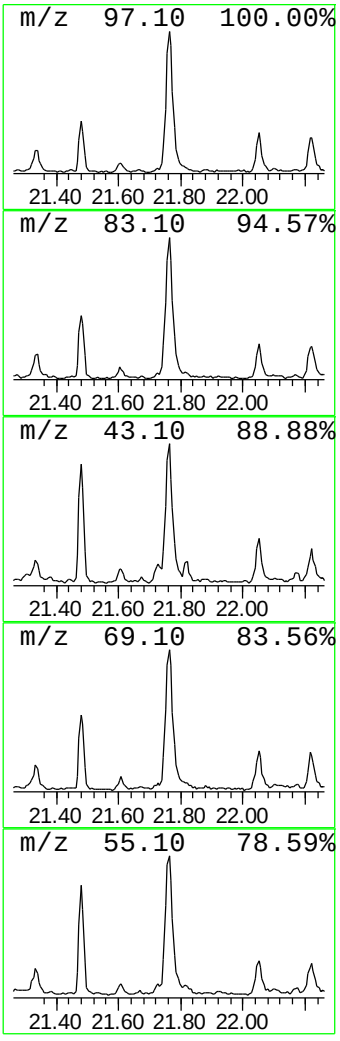
Peak Number 17 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	22.07 ng/ul	2251880	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triallylmethylsilane	166	C10H18Si	001112-91-0	38
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	38
3	17-Pentatriacontene	491	C35H70	006971-40-0	38
4	1-Heptacosanol	396	C27H56O	002004-39-9	30
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	30





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

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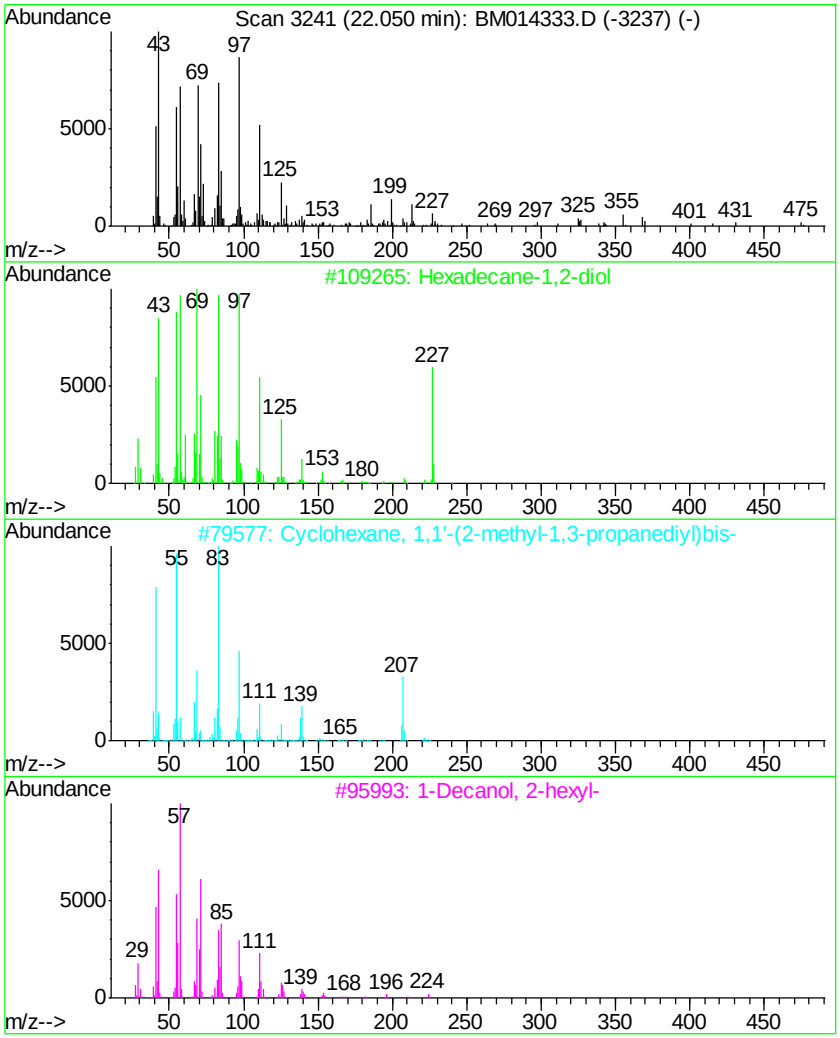
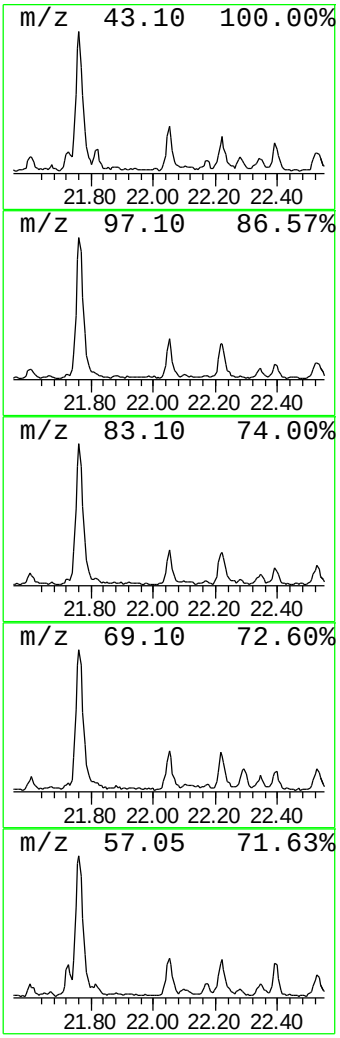
Peak Number 18 Hexadecane-1,2-diol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.05	4.82 ng/ul	492069	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane-1,2-diol	258	C16H34O2	006920-24-7	80
2	Cyclohexane, 1,1'-(2-methyl-1,3-...	222	C16H30	002883-08-1	25
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	25
4	2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	25
5	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	25





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TIC Integration Parameters: LSCINT.P

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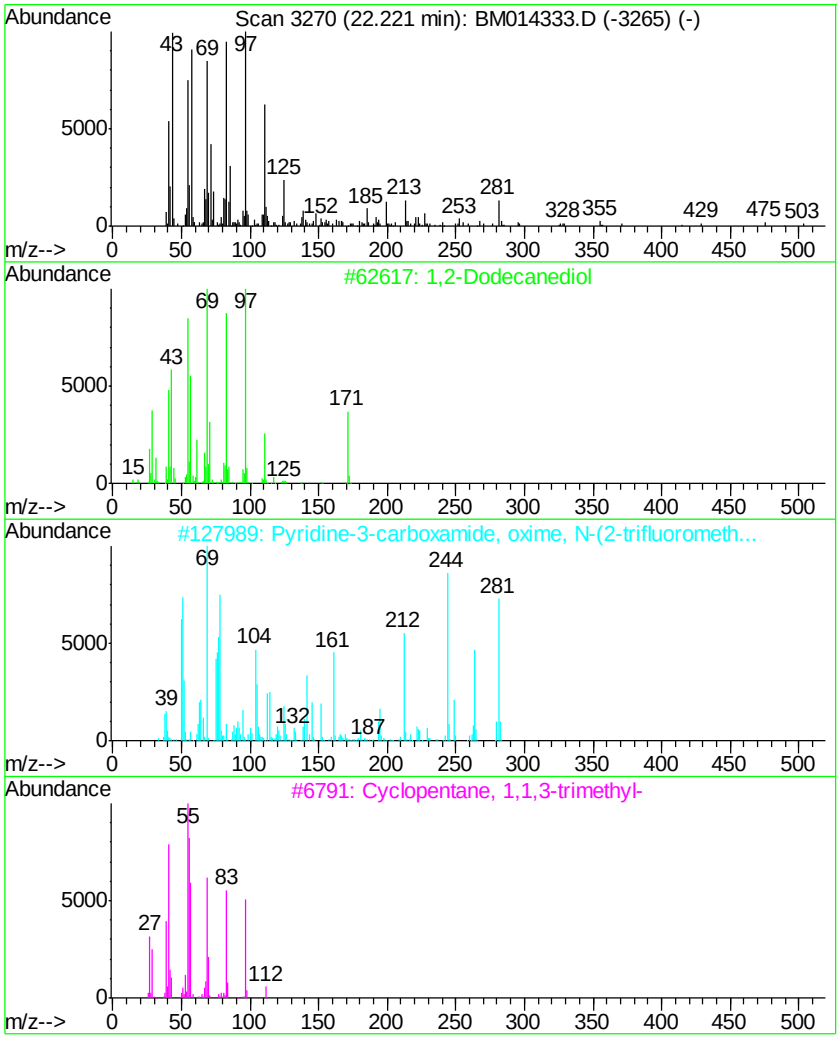
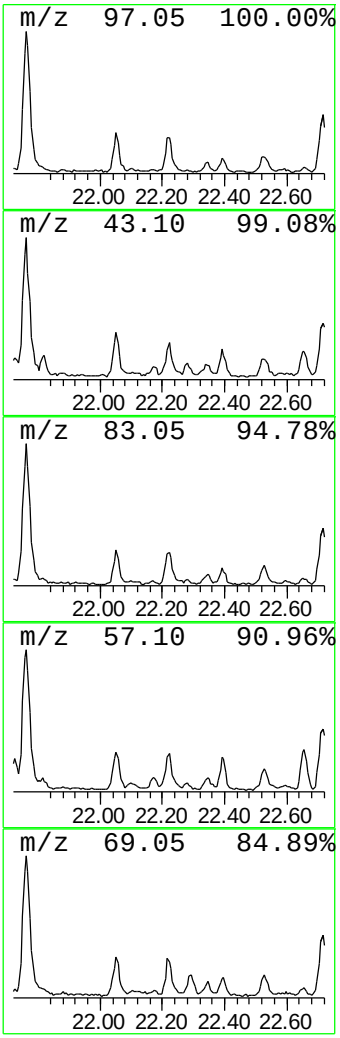
Peak Number 19 1,2-Dodecanediol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	4.69 ng/ul	478340	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dodecanediol	202	C12H26O2	001119-87-5	64
2	Pyridine-3-carboxamide, oxime, N...	281	C13H10F3N3O	288246-53-7	53
3	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	49
4	2-Thiopheneacetic acid, oct-3-en...	252	C14H20O2S	1000299-38-6	43
5	1,3-Dioxolane, 4-heptyl-5-methyl...	322	C13H20F6O2	038363-95-0	43





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Sample : J1631-17
Misc :
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Quant Title : SVOA CALIBRATION

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

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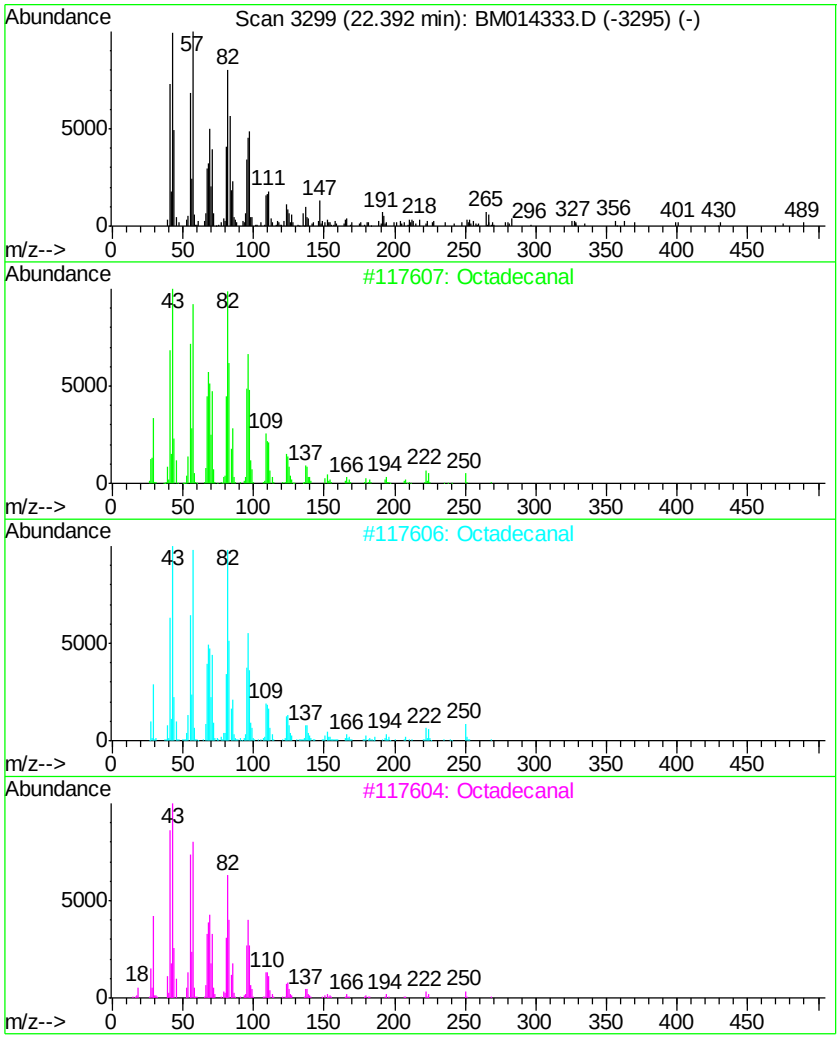
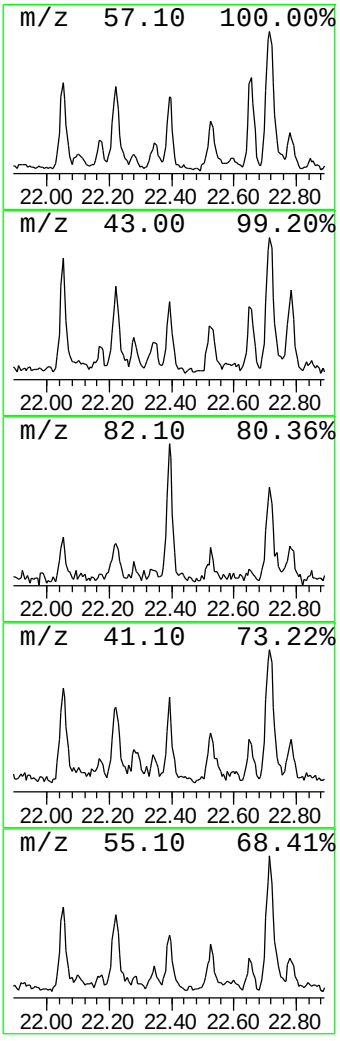
Peak Number 20 Octadecanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	5.12 ng/ul	367564	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	93
2	Octadecanal	268	C18H36O	000638-66-4	92
3	Octadecanal	268	C18H36O	000638-66-4	91
4	17-Octadecenal	266	C18H34O	056554-86-0	86
5	2-Methyl-Z-7,8-epoxyhexadecane	254	C17H34O	1000130-86-3	62





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Quant Title : SVOA CALIBRATION

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

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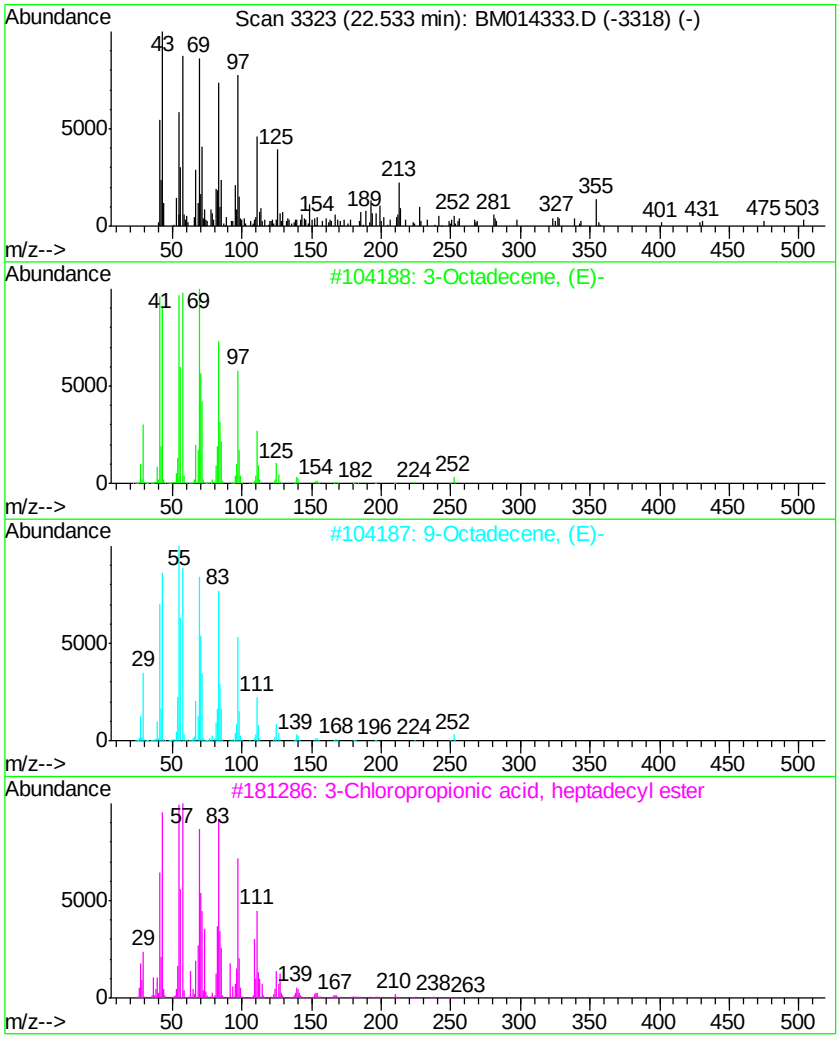
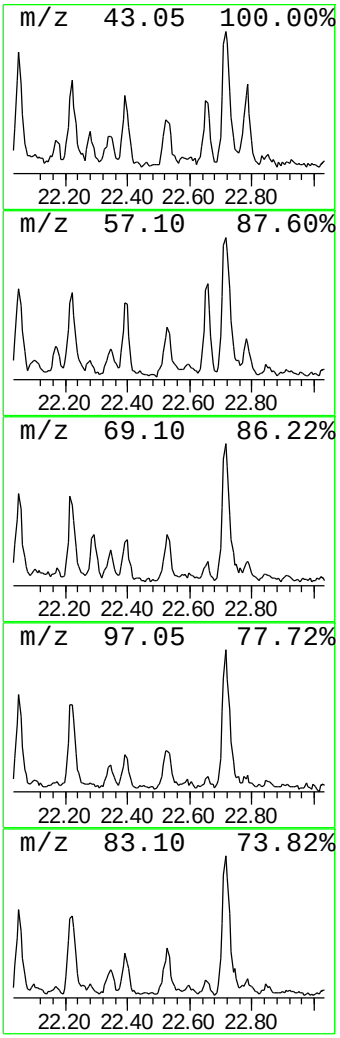
Peak Number 21 (DEL) Alkane: Cyclic22.53 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	3.57 ng/ul	256229	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	86
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	81
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	80
4	Hexadecane-1,2-diol	258	C16H34O2	006920-24-7	72
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	72





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Quant Title : SVOA CALIBRATION

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

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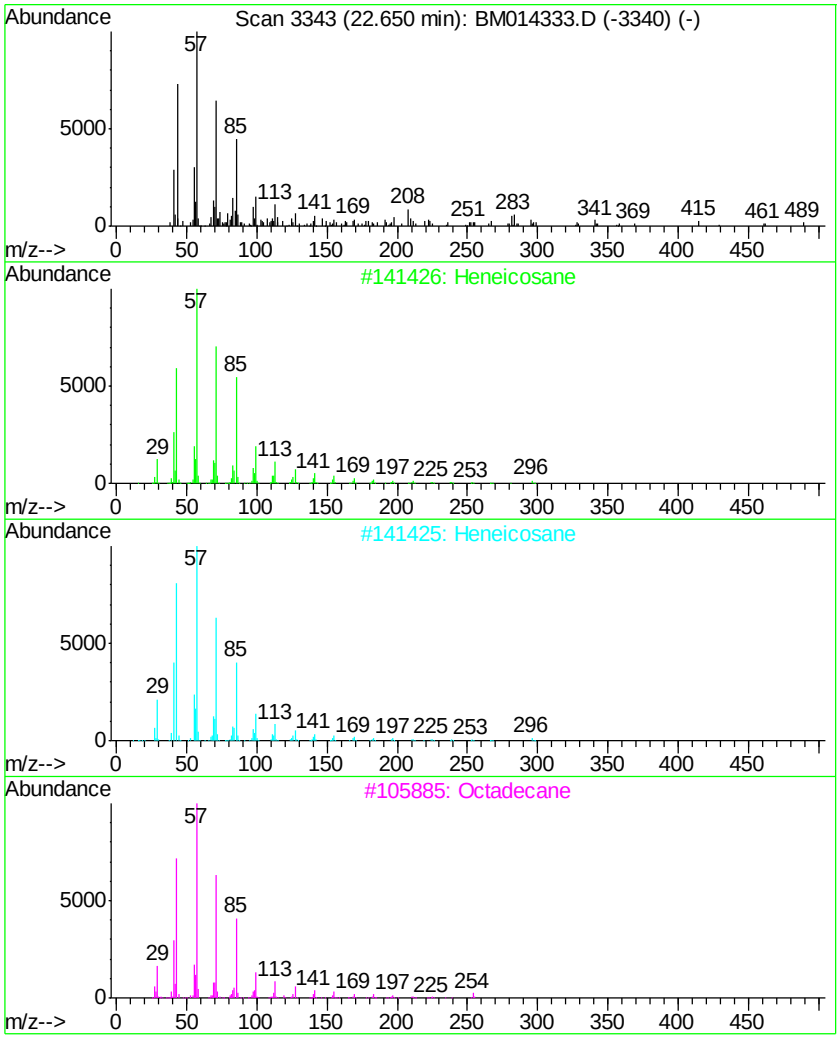
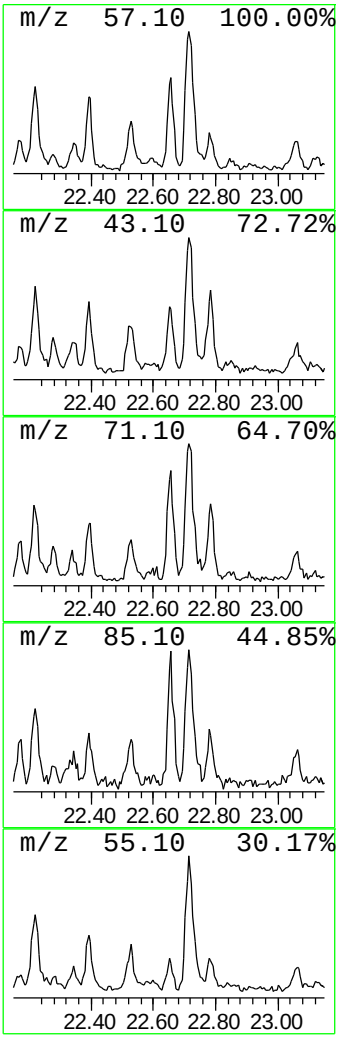
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.65	3.09 ng/ul	221576	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heneicosane	296	C21H44	000629-94-7	97
3	Octadecane	254	C18H38	000593-45-3	96
4	Octadecane	254	C18H38	000593-45-3	94
5	Heneicosane	296	C21H44	000629-94-7	89





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Quant Title : SVOA CALIBRATION

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

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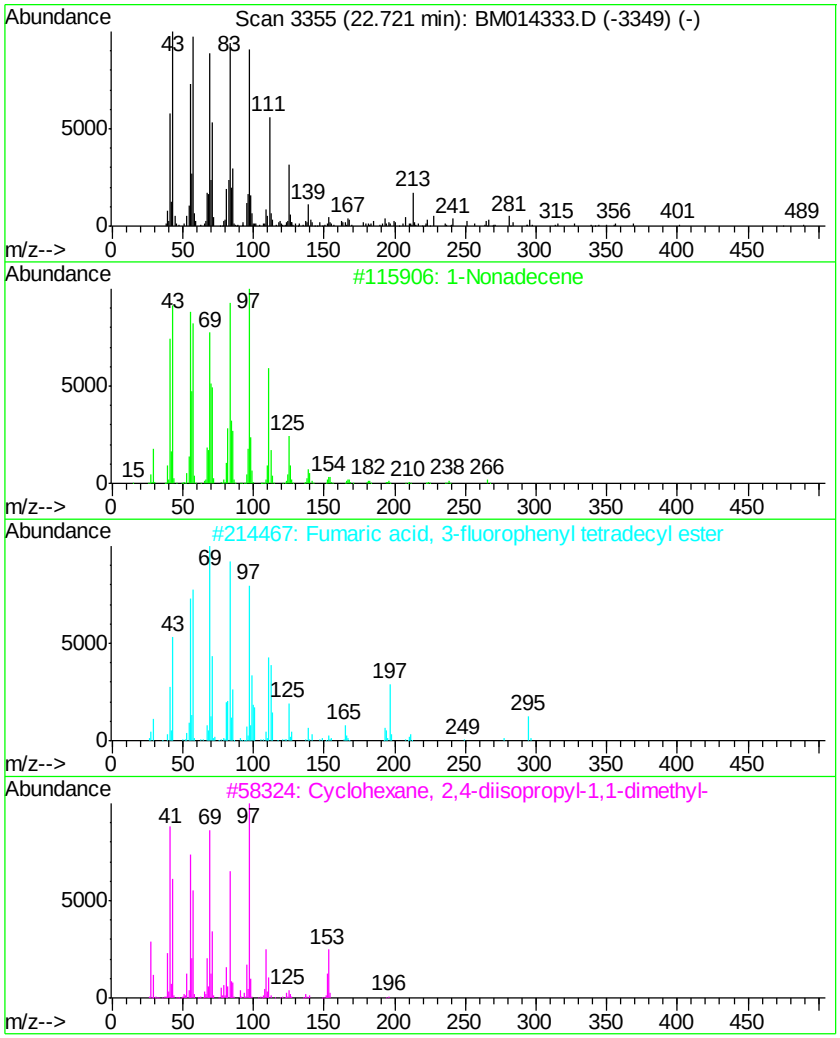
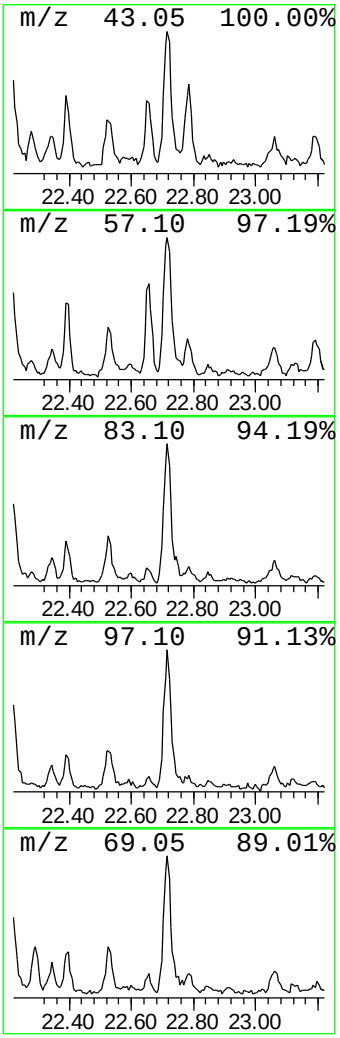
Peak Number 23 (DEL) Alkane: Cyclic22.72 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.72	13.83 ng/ul	991975	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	86
2	Fumaric acid, 3-fluorophenyl tet...	406	C24H35FO4	1000345-21-0	86
3	Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	53
4	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	49
5	Tetracosyl pentafluoropropionate	500	C27H49F5O2	1000351-81-3	41





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

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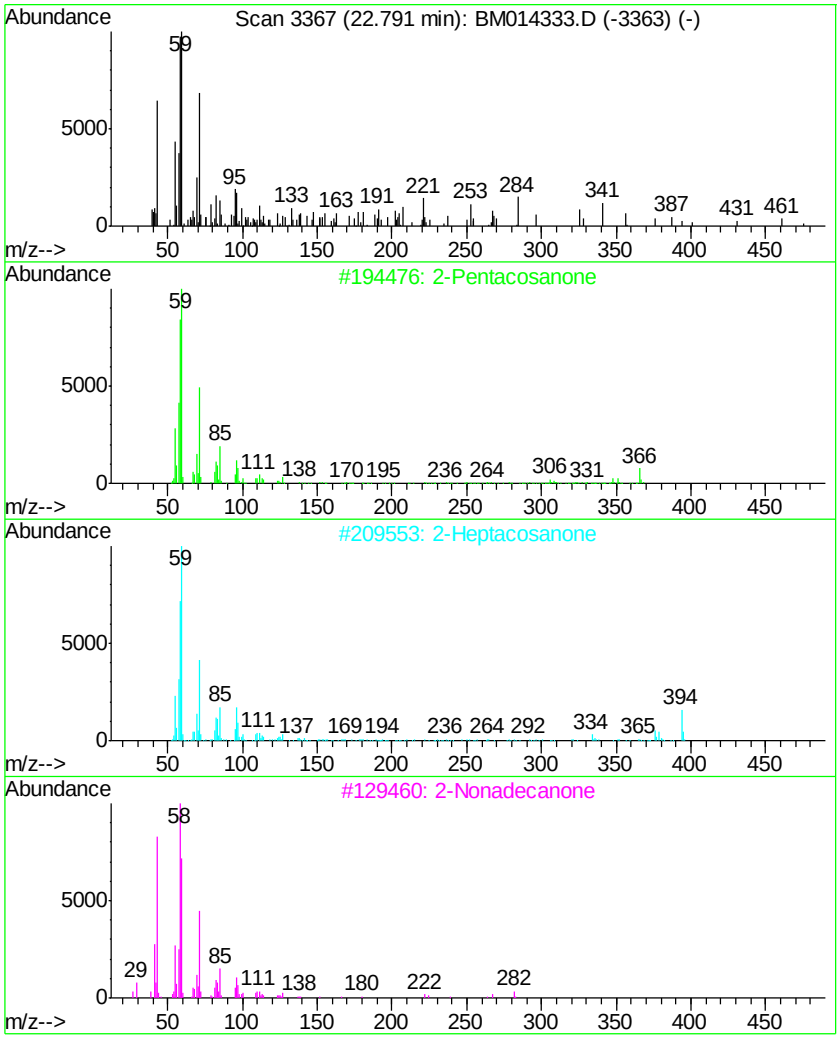
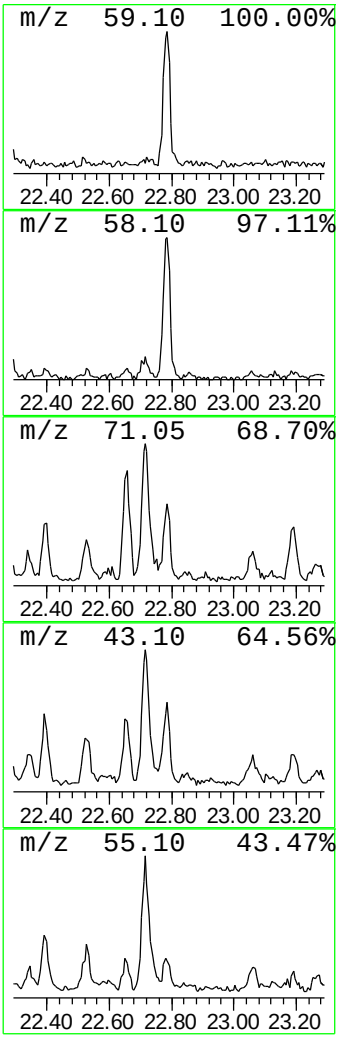
Peak Number 24 2-Pentacosanone Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	3.25 ng/ul	232915	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentacosanone	366	C25H50O	075207-54-4	80
2	2-Heptacosanone	394	C27H54O	007796-19-2	76
3	2-Nonadecanone	282	C19H38O	000629-66-3	72
4	2-Pentadecanone	226	C15H30O	002345-28-0	59
5	2-Heptadecanone	254	C17H34O	002922-51-2	52





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Quant Title : SVOA CALIBRATION

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

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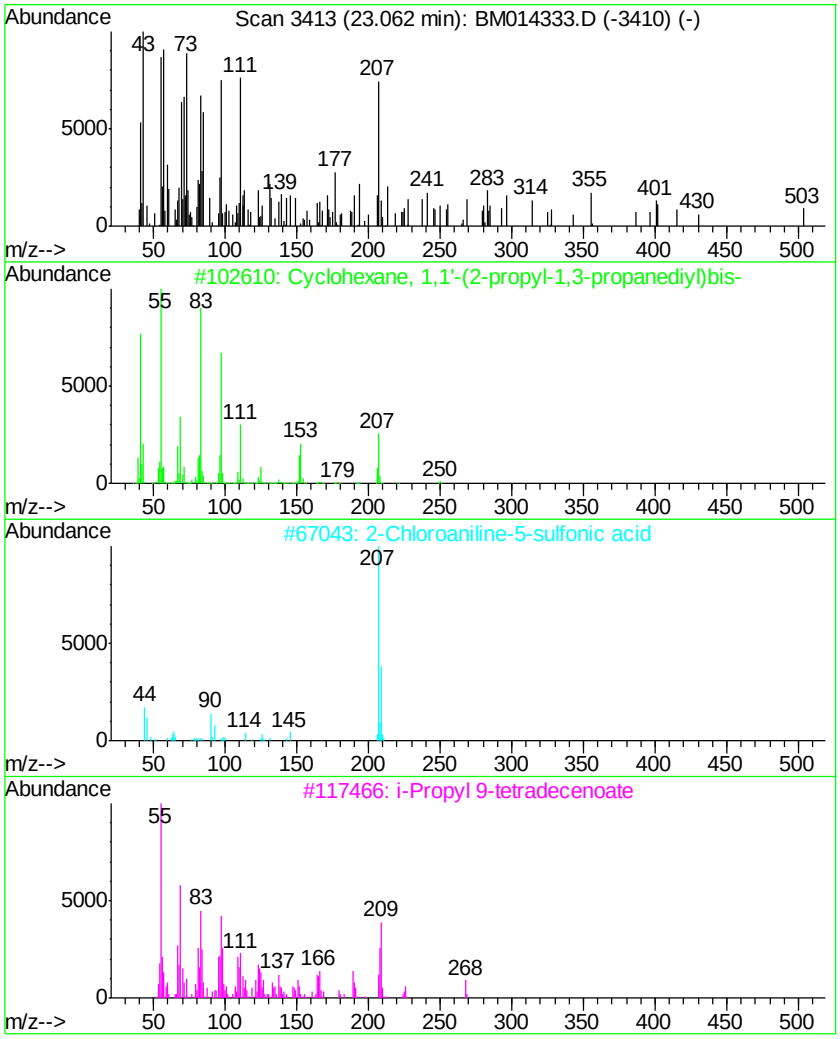
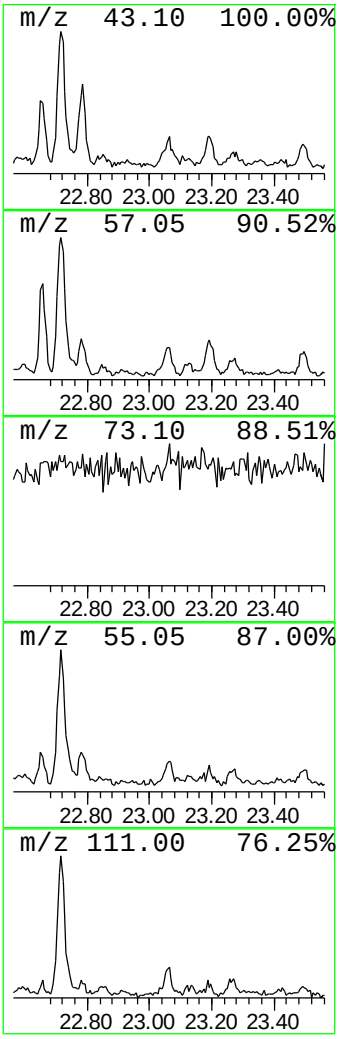
Peak Number 25 unknown-03 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.06	2.35 ng/ul	168244	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-(2-propyl-1,3-...	250	C18H34	055030-21-2	38
2	2-Chloroaniline-5-sulfonic acid	207	C6H6ClNO3S	000098-36-2	27
3	i-Propyl 9-tetradecenoate	268	C17H32O2	1000336-60-7	22
4	Benz[b]-1,4-oxazepine-4(5H)-thio...	207	C11H13NOS	1000258-63-4	18
5	8-Bromo-2-carbamoylquinoline	250	C10H7BrN2O	1000240-94-2	15





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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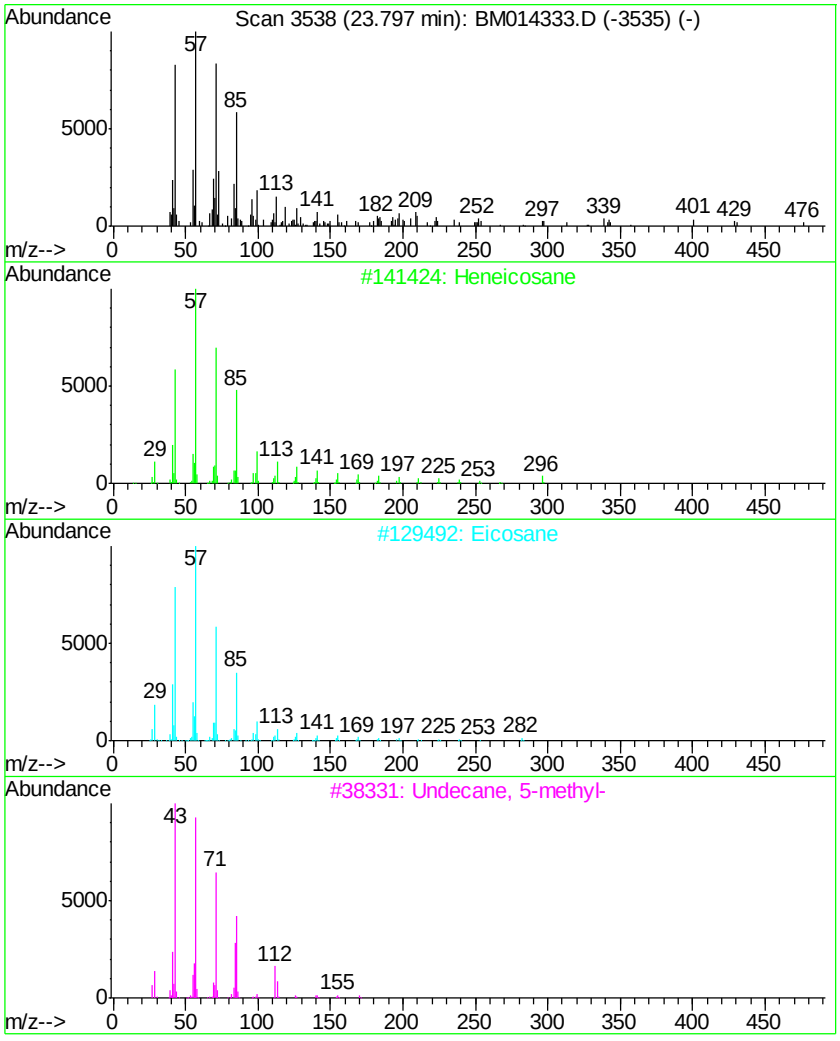
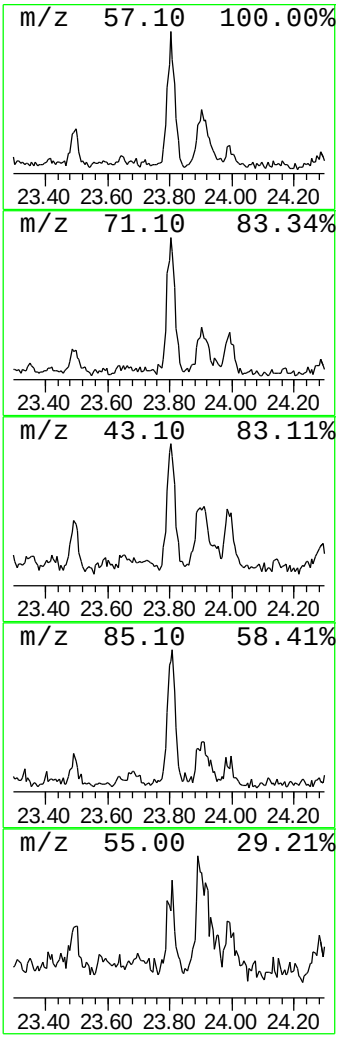
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	3.74 ng/ul	268134	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Eicosane	282	C20H42	000112-95-8	87
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	80
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	80
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	80





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

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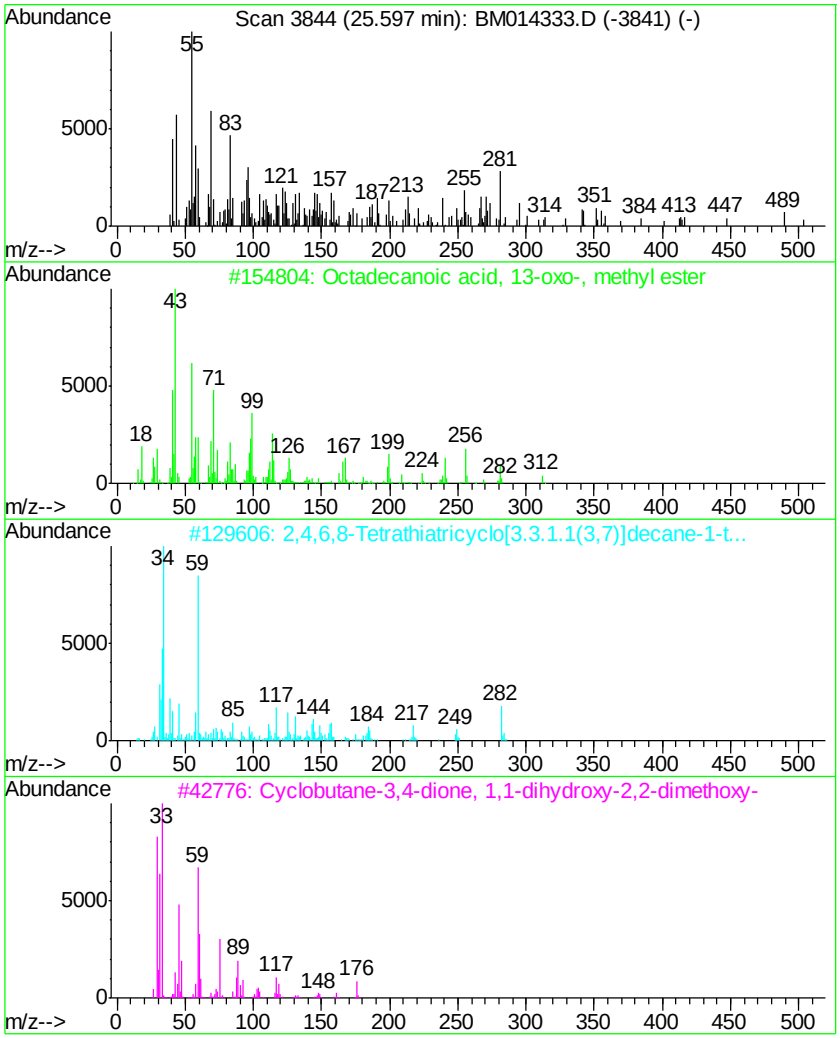
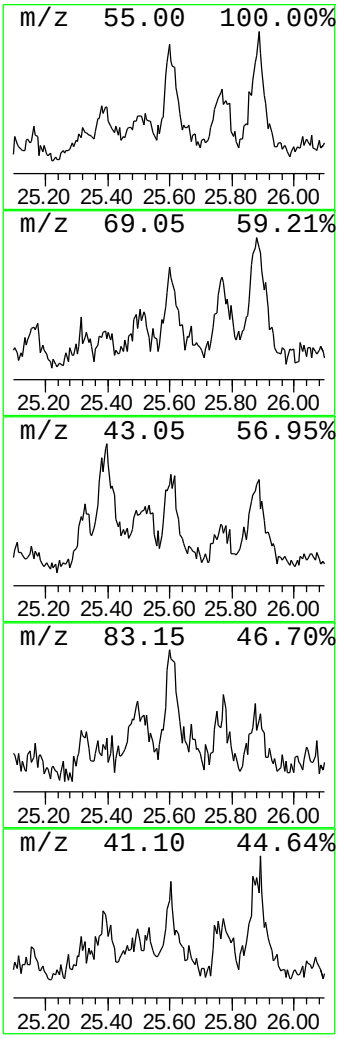
Peak Number 27 unknown-04 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.60	5.46 ng/ul	391462	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 13-oxo-, meth...	312	C19H36O3	002380-28-1	12
2	2,4,6,8-Tetrathiatricyclo[3.3.1....	282	C9H14S5	057274-35-8	10
3	Cyclobutane-3,4-dione, 1,1-dihyd...	176	C6H8O6	1000159-68-9	9
4	Hexacosa-2,25-dione	394	C26H50O2	1000163-27-9	9
5	4-(2-Hydroxyethyl)-2,2-dimethyl-...	342	C11H13F7O4	1000365-43-2	9





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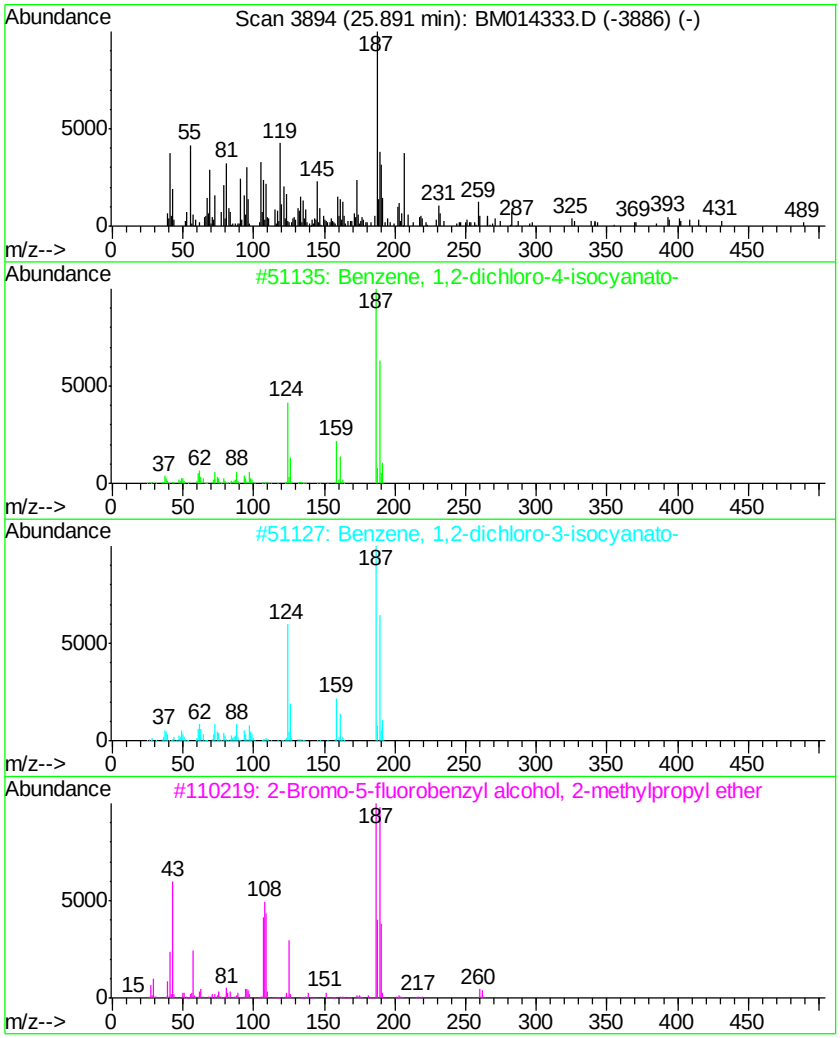
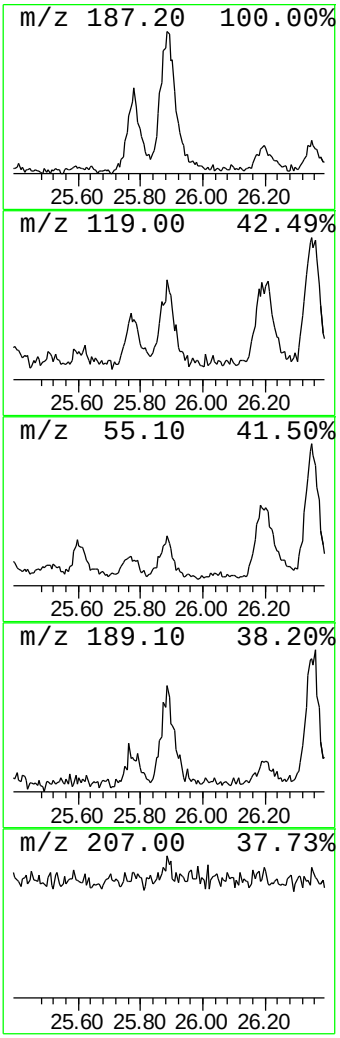
Peak Number 28 unknown-05 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.89	16.89 ng/ul	1211510	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-4-isocyanato-	187	C7H3Cl2NO	000102-36-3	38
2	Benzene, 1,2-dichloro-3-isocyanato-	187	C7H3Cl2NO	041195-90-8	38
3	2-Bromo-5-fluorobenzyl alcohol, ...	260	C11H14BrFO	1000375-23-0	30
4	2-Bromo-5-fluorobenzyl alcohol, ...	274	C12H16BrFO	1000375-22-4	30
5	7-Amino-2,4-dimethyl[1,5]benzodi...	187	C11H13N3	022177-24-8	30





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TIC Integration Parameters: LSCINT.P

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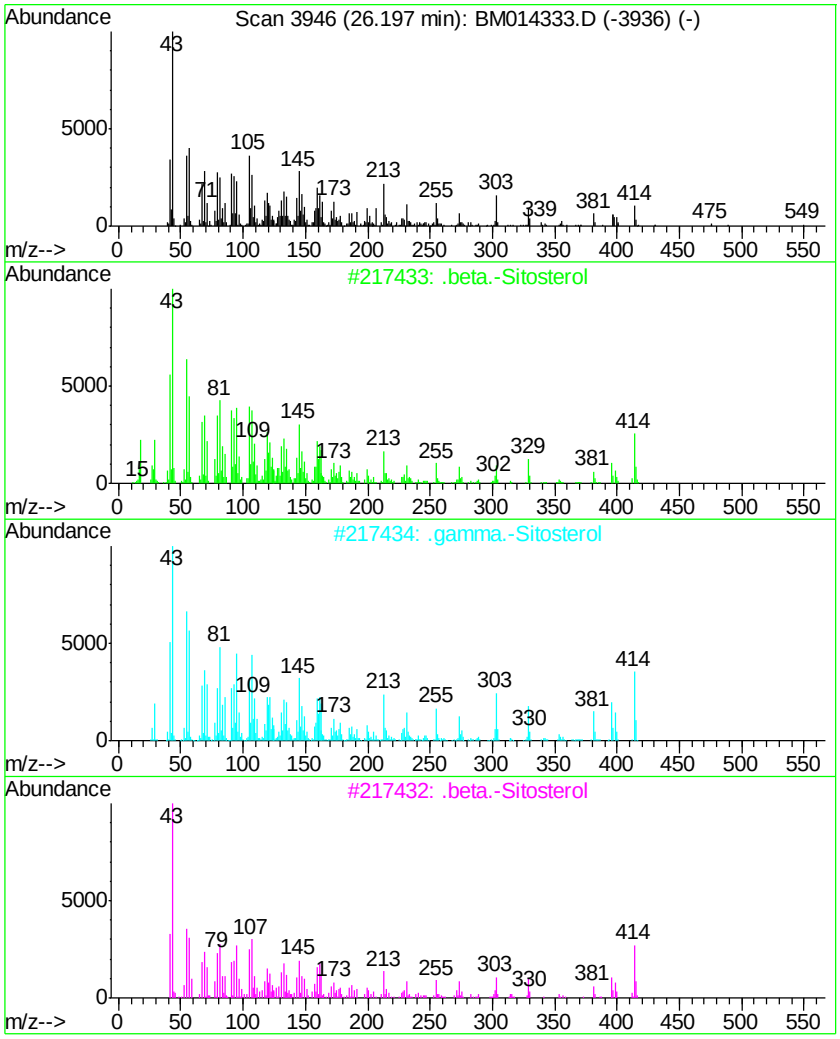
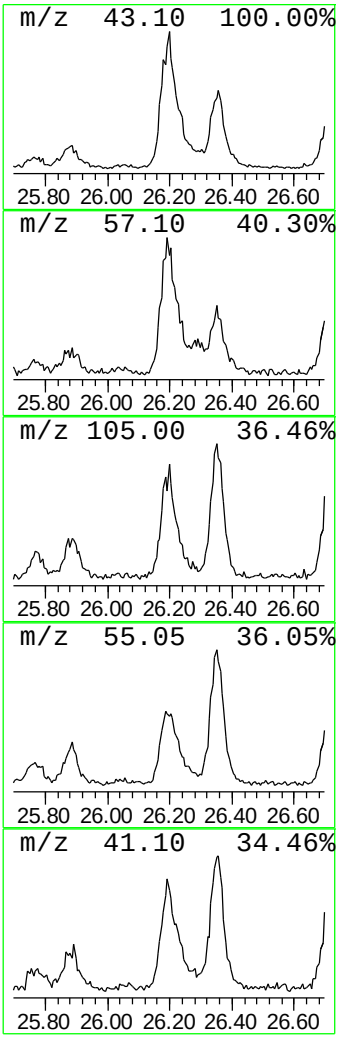
Peak Number 29 .beta.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.20	45.09 ng/ul	3233820	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	98
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	94
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	93
4	Stigmastan-3,5-diene	396	C29H48	1000214-16-4	55
5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	53





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TIC Library : C:\DATABASE\NIST11.L
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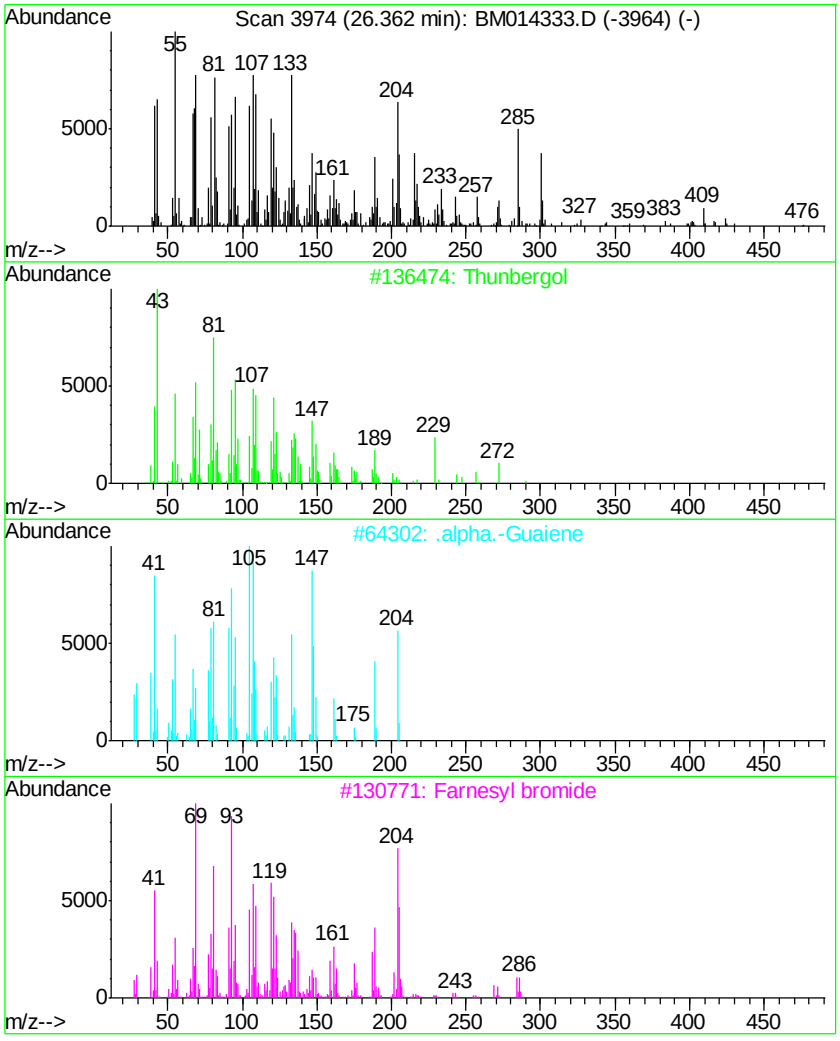
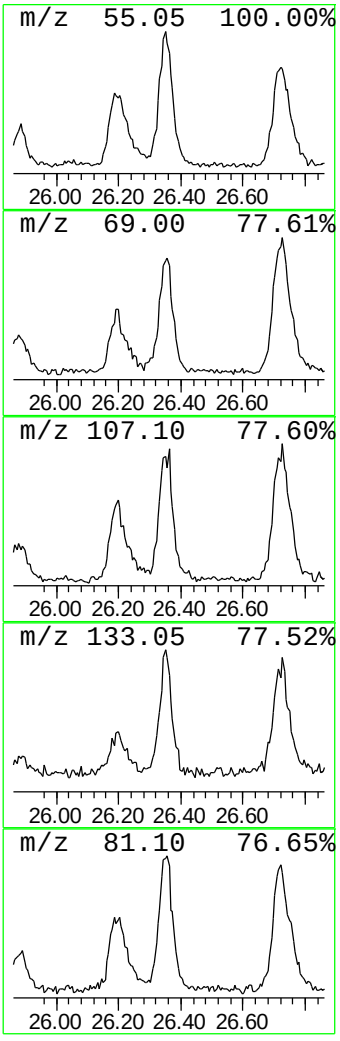
Peak Number 30 Thunbergol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.36	54.67 ng/ul	3921270	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thunbergol	290	C20H34O	025269-17-4	72
2	.alpha.-Guaiene	204	C15H24	003691-12-1	43
3	Farnesyl bromide	284	C15H25Br	006874-67-5	43
4	.beta.-Bisabolene	204	C15H24	000495-61-4	38
5	4-(2,4,4-Trimethyl-bicyclo[4.1.0...	206	C14H22O	1000194-96-6	35





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Instrument : BNA_M
ClientSampleId : BE605

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

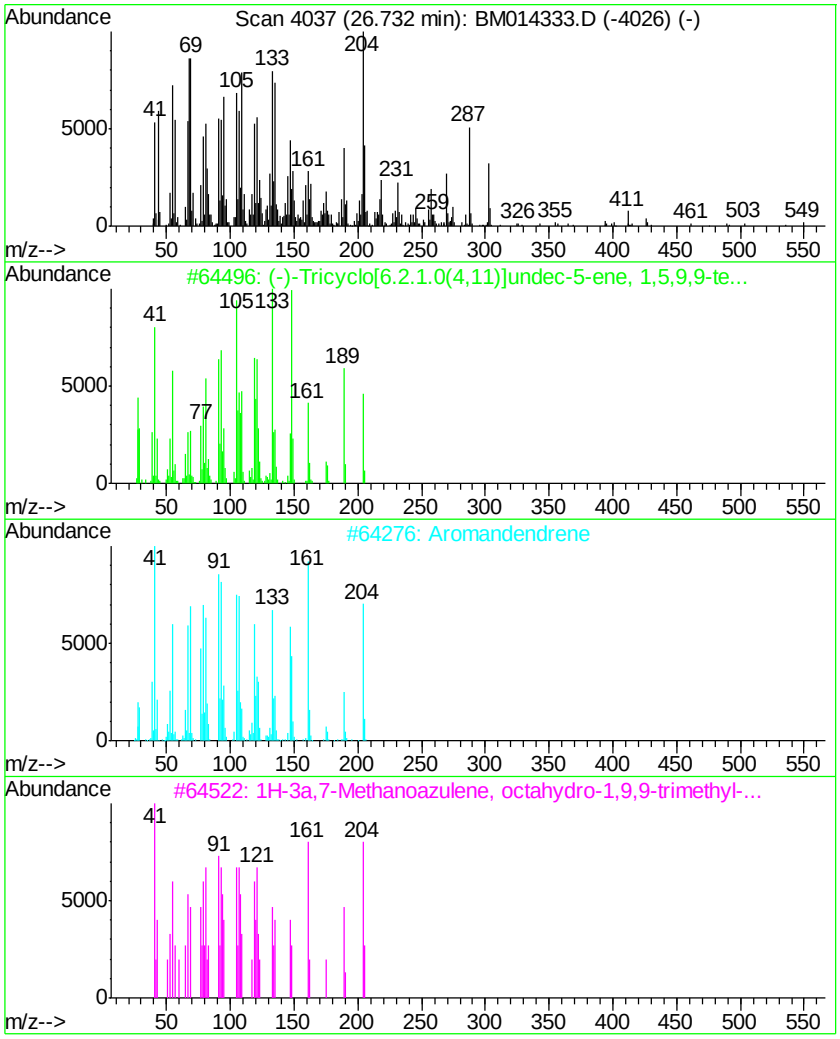
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

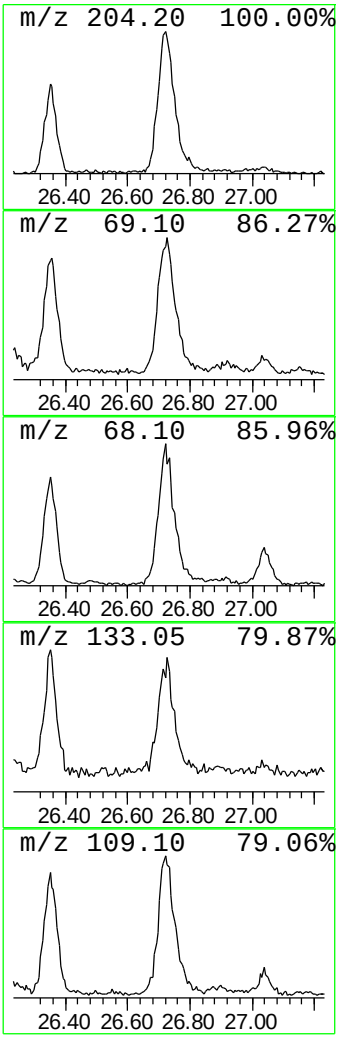
****

Peak Number 31 (-)-Tricyclo[6.2.1.0(4,11)]... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.73	69.37 ng/ul	4975640	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Tricyclo[6.2.1.0(4,11)]undec...	204	C15H24	1000154-06-7	58
2	Aromandendrene	204	C15H24	000489-39-4	52
3	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	49
4	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	46
5	1,4-Methano-1H-indene, octahydro...	204	C15H24	087064-18-4	45





Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
Data File : BM014333.D
Acq On : 23 Feb 2018 16:32
Operator : SJ/JU
Sample : J1631-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE605

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

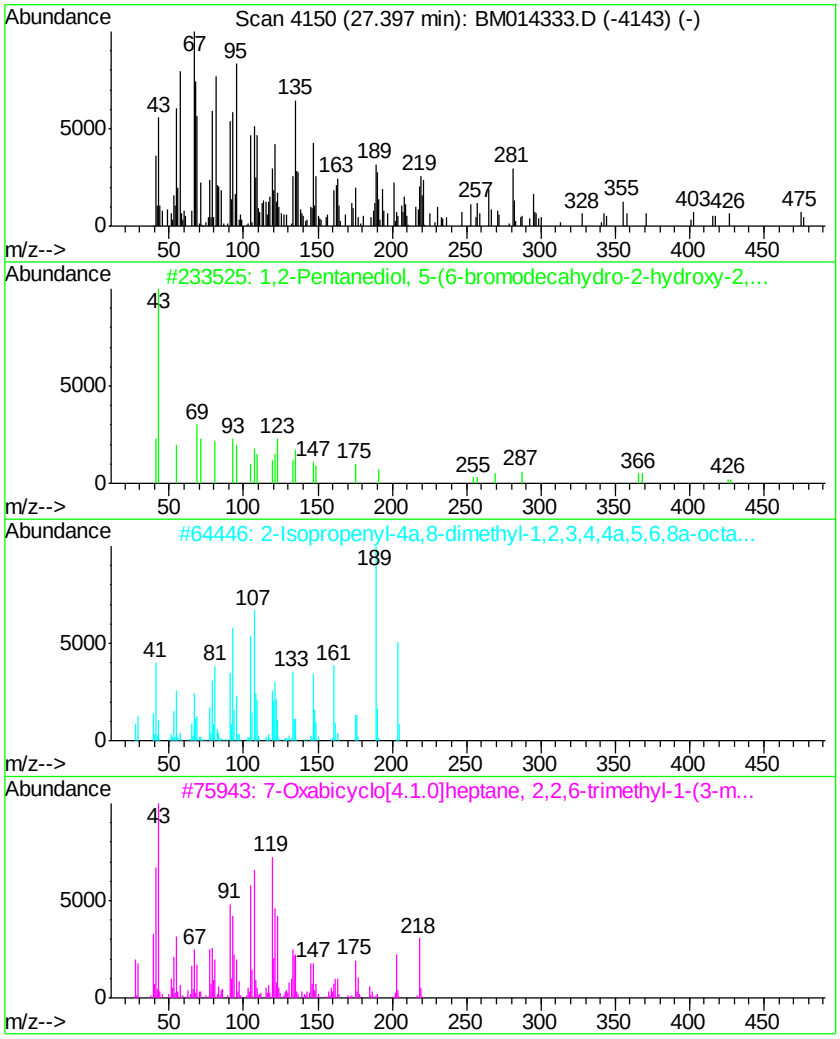
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

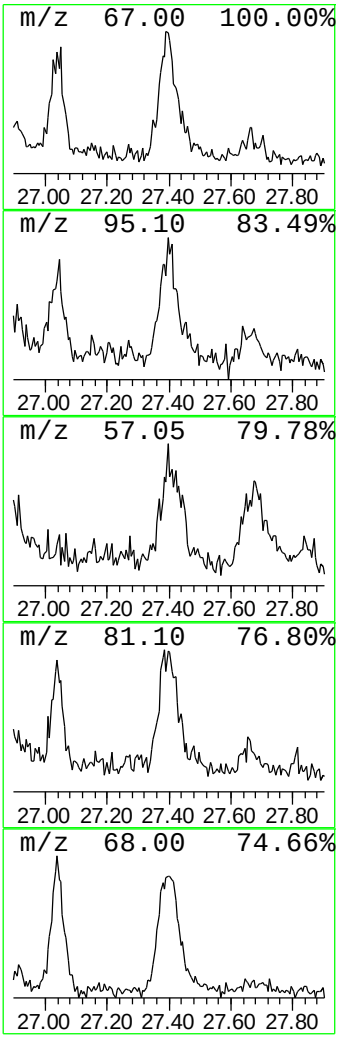
****

Peak Number 32 unknown-06 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.40	11.63 ng/ul	834487	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Pentanediol, 5-(6-bromodecah...	486	C24H39BrO5	115334-14-0	46
2	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	43
3	7-Oxabicyclo[4.1.0]heptane, 2,2,...	218	C15H22O	070038-20-9	38
4	8-Isopropenyl-1,5-dimethyl-cyclo...	204	C15H24	1000193-62-7	30
5	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022318\
Data File : BM014333.D
Acq On : 23 Feb 2018 16:32
Operator : SJ/JU
Sample : J1631-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE605

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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
unknown-01	4.68	3.0	ng/ul	108568	1	7.53	718376	20.0
Benzene, 1,2,4-tr...	7.63	2.9	ng/ul	102522	1	7.53	718376	20.0
Phenol, 2,6-dimet...	8.95	3.1	ng/ul	177634	2	10.29	1128570	20.0
p-Cymene	9.70	2.8	ng/ul	155397	2	10.29	1128570	20.0
Naphthalene, 1-me...	12.19	4.7	ng/ul	262552	2	10.29	1128570	20.0
(DEL) Alkane: Str...	14.09	2.7	ng/ul	209668	3	14.18	1567900	20.0
Tridecane, 1-iodo-	15.92	2.9	ng/ul	271579	4	16.94	1882460	20.0
Tridecanoic acid	17.85	7.0	ng/ul	658208	4	16.94	1882460	20.0
Phenol, 4,4'-meth...	18.36	3.4	ng/ul	321702	4	16.94	1882460	20.0
Tetradecanoic acid	19.14	2.5	ng/ul	249574	5	21.15	2040420	20.0
(DEL) Alkane: Str...	19.90	3.9	ng/ul	400839	5	21.15	2040420	20.0
Heptadecanal	20.58	14.1	ng/ul	1435130	5	21.15	2040420	20.0
Trifluoroacetoxy ...	20.87	23.3	ng/ul	2371760	5	21.15	2040420	20.0
Ethyl .alpha.-hyd...	21.33	4.1	ng/ul	421951	5	21.15	2040420	20.0
17-Octadecenal	21.48	13.0	ng/ul	1325570	5	21.15	2040420	20.0
unknown-02	21.76	22.1	ng/ul	2251880	5	21.15	2040420	20.0
Hexadecane-1,2-diol	22.05	4.8	ng/ul	492069	5	21.15	2040420	20.0
1,2-Dodecanediol	22.22	4.7	ng/ul	478340	5	21.15	2040420	20.0
Octadecanal	22.39	5.1	ng/ul	367564	6	23.32	1434520	20.0
(DEL) Alkane: Cyc...	22.53	3.6	ng/ul	256229	6	23.32	1434520	20.0
(DEL) Alkane: Str...	22.65	3.1	ng/ul	221576	6	23.32	1434520	20.0
(DEL) Alkane: Cyc...	22.72	13.8	ng/ul	991975	6	23.32	1434520	20.0
2-Pentacosanone	22.79	3.3	ng/ul	232915	6	23.32	1434520	20.0
unknown-03	23.06	2.4	ng/ul	168244	6	23.32	1434520	20.0
(DEL) Alkane: Str...	23.80	3.7	ng/ul	268134	6	23.32	1434520	20.0
unknown-04	25.60	5.5	ng/ul	391462	6	23.32	1434520	20.0
unknown-05	25.89	16.9	ng/ul	1211510	6	23.32	1434520	20.0
.beta.-Sitosterol	26.20	45.1	ng/ul	3233820	6	23.32	1434520	20.0
Thunbergol	26.36	54.7	ng/ul	3921270	6	23.32	1434520	20.0
(-)-Tricyclo[6.2....	26.73	69.4	ng/ul	4975640	6	23.32	1434520	20.0
unknown-06	27.40	11.6	ng/ul	834487	6	23.32	1434520	20.0