LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120616\
Data File : BG024998.D
Acq On : 7 Dec 2016 2:59
Operator : UM/SJ
Sample : H5843-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AJ1

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-BG113016.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	5.305	415	420	426	rBV6	8646	19776	0.41%	0.037%
2	7.174	735	738	746	rBV4	6436	17155	0.36%	0.032%
3	7.297	755	759	766	rBV2	29066	45221	0.94%	0.086%
4	7.385	766	774	780	rBV2	88833	164458	3.41%	0.311%
5	7.556	796	803	815	rVV	261284	459760	9.53%	0.871%
6	7.767	830	839	852	rBV	287572	531757	11.02%	1.007%
7	8.243	912	920	941	rVB	331455	670698	13.90%	1.270%
8	8.437	949	953	962	rVB7	10525	20974	0.43%	0.040%
9	8.936	1032	1038	1054	rVB2	250781	461738	9.57%	0.874%
10	9.342	1100	1107	1113	rBV3	54472	100120	2.07%	0.190%
11	9.418	1113	1120	1132	rVB2	356204	696327	14.43%	1.319%
12	9.553	1138	1143	1151	rVB9	11774	25990	0.54%	0.049%
13	9.753	1168	1177	1183	rBV4	40364	66294	1.37%	0.126%
14	10.141	1234	1243	1252	rBV2	329036	642578	13.31%	1.217%
15	10.676	1325	1334	1351	rBV2	451714	884038	18.32%	1.674%
16	11.069	1391	1401	1415	rVB	479218	888523	18.41%	1.683%
17	11.210	1418	1425	1432	rBV5	20345	48415	1.00%	0.092%
18	11.539	1475	1481	1484	rBV3	14460	21442	0.44%	0.041%
19	11.733	1509	1514	1520	rBV9	8804	19202	0.40%	0.036%
20	11.839	1526	1532	1540	rBV7	7856	23685	0.49%	0.045%
21	12.233	1594	1599	1607	rBV7	24662	43773	0.91%	0.083%
22	12.362	1614	1621	1629	rBV4	20118	46638	0.97%	0.088%
23	12.638	1663	1668	1674	rVB7	12664	22906	0.47%	0.043%
24	12.832	1694	1701	1708	rVB5	14621	37462	0.78%	0.071%
25	13.126	1746	1751	1759	rBV5	9430	21773	0.45%	0.041%
26	13.443	1802	1805	1812	rVV7	10136	18451	0.38%	0.035%
27	13.795	1859	1865	1870	rBV6	16489	34096	0.71%	0.065%
28	14.042	1901	1907	1912	rVV8	21786	38265	0.79%	0.072%
29	14.201	1928	1934	1937	rBV5	12490	20263	0.42%	0.038%
30	14.254	1937	1943	1956	rVB	1149384	1682383	34.86%	3.186%
31	14.559	1988	1995	2005	rBV	1056973	1686291	34.94%	3.194%
32	14.859	2034	2046	2053	rBV	887413	1460427	30.26%	2.766%
33	14.918	2053	2056	2065	rVB4	23711	37753	0.78%	0.071%
34	15.047	2071	2078	2091	rBV3	105715	228945	4.74%	0.434%

LSC Area Percent Report

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Sample : H5843-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AJ1

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-BG113016.M
Title : SVOA CALIBRATION

35	15.235	2100	2110	2123	rBV2	225771	404240	8.38%	0.766%
36	15.417	2136	2141	2150	rBV	79619	115693	2.40%	0.219%
37	15.540	2154	2162	2173	rVB4	45570	94246	1.95%	0.178%
38	15.846	2203	2214	2226	rBV	1579851	2493407	51.66%	4.722%
39	15.958	2226	2233	2250	rBV	727646	1127742	23.37%	2.136%
40	16.081	2251	2254	2259	rVB4	23064	31819	0.66%	0.060%
41	16.204	2268	2275	2280	rVB	55455	88943	1.84%	0.168%
42	16.633	2342	2348	2358	rBV4	40993	77434	1.60%	0.147%
43	16.792	2368	2375	2379	rBV2	74966	126126	2.61%	0.239%
44	16.833	2379	2382	2389	rVB8	21804	39118	0.81%	0.074%
45	16.956	2396	2403	2415	rBV4	173276	272200	5.64%	0.516%
46	17.174	2433	2440	2444	rVB8	13824	20686	0.43%	0.039%
47	17.356	2468	2471	2475	rBV5	21502	35422	0.73%	0.067%
48	17.603	2506	2513	2522	rVB2	1266149	1992962	41.29%	3.774%
49	17.703	2522	2530	2545	rBV2	1980284	3156245	65.40%	5.977%
50	17.849	2548	2555	2557	rBV3	24961	54638	1.13%	0.103%
51	17.879	2557	2560	2566	rVB4	30892	45307	0.94%	0.086%
52	18.237	2615	2621	2629	rBV3	357074	508220	10.53%	0.962%
53	18.320	2632	2635	2641	rVB7	18494	29571	0.61%	0.056%
54	18.443	2652	2656	2665	rBV3	79255	123904	2.57%	0.235%
55	18.525	2665	2670	2678	rVB	42378	61756	1.28%	0.117%
56	18.719	2698	2703	2708	rVV7	17730	32308	0.67%	0.061%
57	18.778	2708	2713	2723	rVB7	28111	66179	1.37%	0.125%
58	19.136	2769	2774	2777	rBV	130074	159587	3.31%	0.302%
59	19.177	2777	2781	2786	rVB	244332	302841	6.27%	0.574%
60	19.295	2796	2801	2812	rBV5	75666	201618	4.18%	0.382%
61	19.377	2812	2815	2822	rVB8	24765	39892	0.83%	0.076%
62	19.506	2833	2837	2844	rBV2	94280	120969	2.51%	0.229%
63	19.606	2849	2854	2861	rVB2	32664	54190	1.12%	0.103%
64	19.700	2867	2870	2877	rBV7	27844	40039	0.83%	0.076%
65	19.847	2888	2895	2902	rBV3	114737	187750	3.89%	0.356%
66	19.976	2904	2917	2929	rVB	3025016	4826159	100.00%	9.140%
67	20.241	2957	2962	2965	rBV	986019	1129902	23.41%	2.140%
68	20.282	2965	2969	2974	rVB	1528681	1782896	36.94%	3.377%
69	20.446	2994	2997	2999	rBV4	19964	18516	0.38%	0.035%
70	20.834	3061	3063	3067	rBV5	32523	44792	0.93%	0.085%
71	20.881	3067	3071	3077	rVB3	94352	121651	2.52%	0.230%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5843-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AJ1

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-BG113016.M
Title : SVOA CALIBRATION

72	20.946	3079	3082	3085	rBV4	31984	42490	0.88%	0.080%
73	21.010	3085	3093	3101	rVB4	151322	367736	7.62%	0.696%
74	21.245	3126	3133	3136	rBV	788781	1067204	22.11%	2.021%
75	21.281	3136	3139	3146	rVB	1301751	1530316	31.71%	2.898%
76	21.463	3162	3170	3174	rBV10	33614	79868	1.65%	0.151%
77	21.510	3175	3178	3184	rVB4	28077	38478	0.80%	0.073%
78	21.580	3184	3190	3196	rBV	172435	250131	5.18%	0.474%
79	21.727	3209	3215	3220	rBV2	186227	258956	5.37%	0.490%
80	21.892	3236	3243	3251	rBV	1562372	2745892	56.90%	5.200%
81	22.027	3260	3266	3271	rBV6	57924	114939	2.38%	0.218%
82	22.068	3271	3273	3278	rVB5	32568	51400	1.07%	0.097%
83	22.127	3279	3283	3295	rVB10	49135	137661	2.85%	0.261%
84	22.379	3320	3326	3330	rBV2	491179	785173	16.27%	1.487%
85	22.426	3330	3334	3342	rVB	844241	1263859	26.19%	2.394%
86	22.667	3372	3375	3380	rVB6	33669	47690	0.99%	0.090%
87	23.325	3480	3487	3493	rBV5	229438	474078	9.82%	0.898%
88	23.384	3493	3497	3507	rVB8	69092	149767	3.10%	0.284%
89	23.472	3507	3512	3519	rBV9	55111	104230	2.16%	0.197%
90	23.596	3527	3533	3543	rVB2	204083	429891	8.91%	0.814%
91	23.842	3567	3575	3580	rBV2	428926	872139	18.07%	1.652%
92	23.907	3580	3586	3594	rVB	709066	1506868	31.22%	2.854%
93	24.230	3635	3641	3651	rVB4	91196	192610	3.99%	0.365%
94	25.065	3771	3783	3799	rVB2	1409216	4392422	91.01%	8.319%
95	25.229	3803	3811	3814	rBV4	112339	247117	5.12%	0.468%
96	25.305	3815	3824	3837	rVB2	945989	2805855	58.14%	5.314%
97	26.422	4004	4014	4023	rVB6	117128	360649	7.47%	0.683%
98	27.468	4184	4192	4206	rVB6	88365	353956	7.33%	0.670%
99	27.844	4244	4256	4274	rVB5	145308	591171	12.25%	1.120%
100	29.583	4541	4552	4565	rVB7	76018	323050	6.69%	0.612%

Sum of corrected areas: 52802141

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120616\
Data File : BG024998.D
Acq On : 7 Dec 2016 2:59
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Sample : H5843-09
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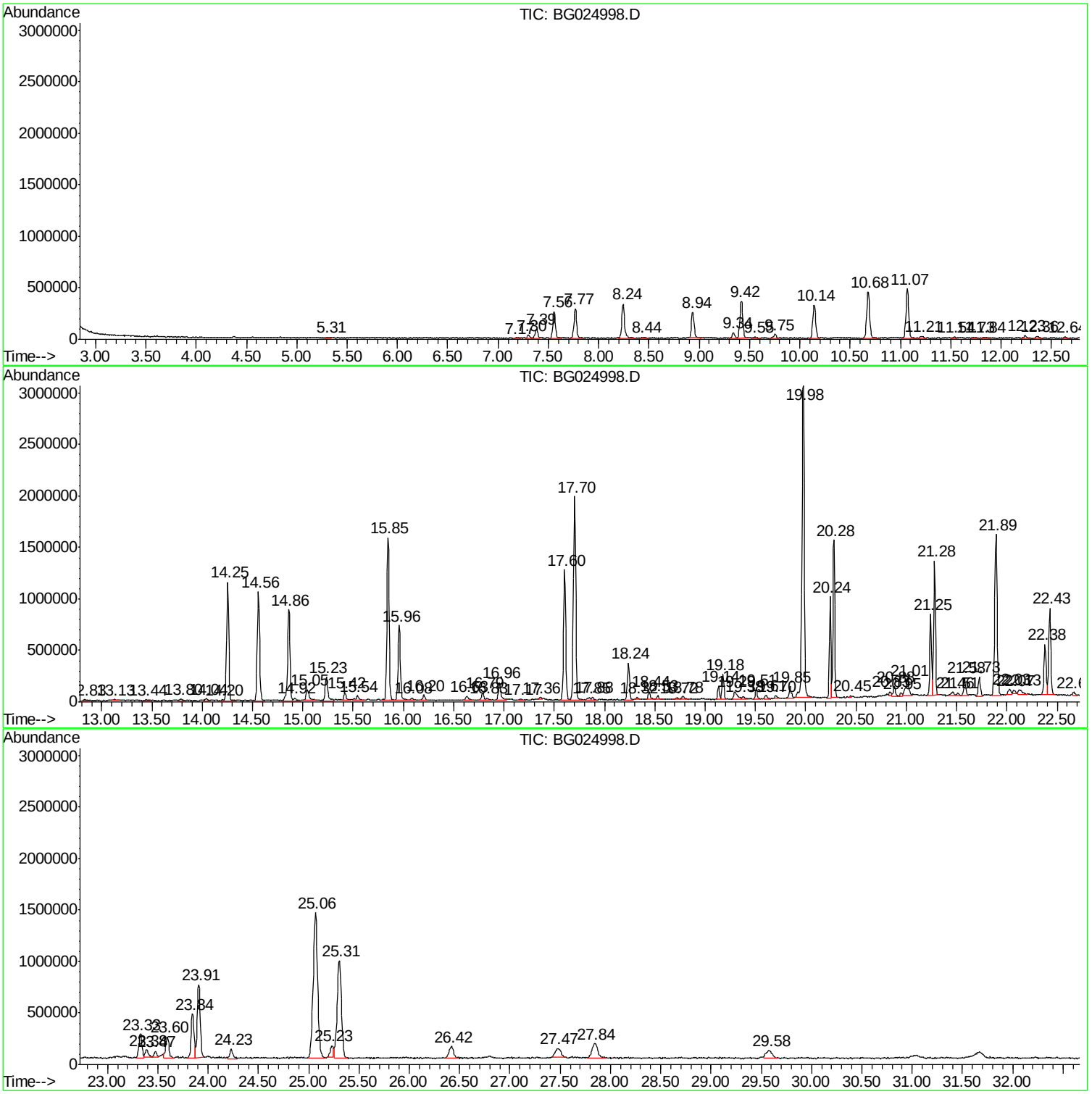
Instrument : BNA_G
ClientSampleId : C0AJ1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

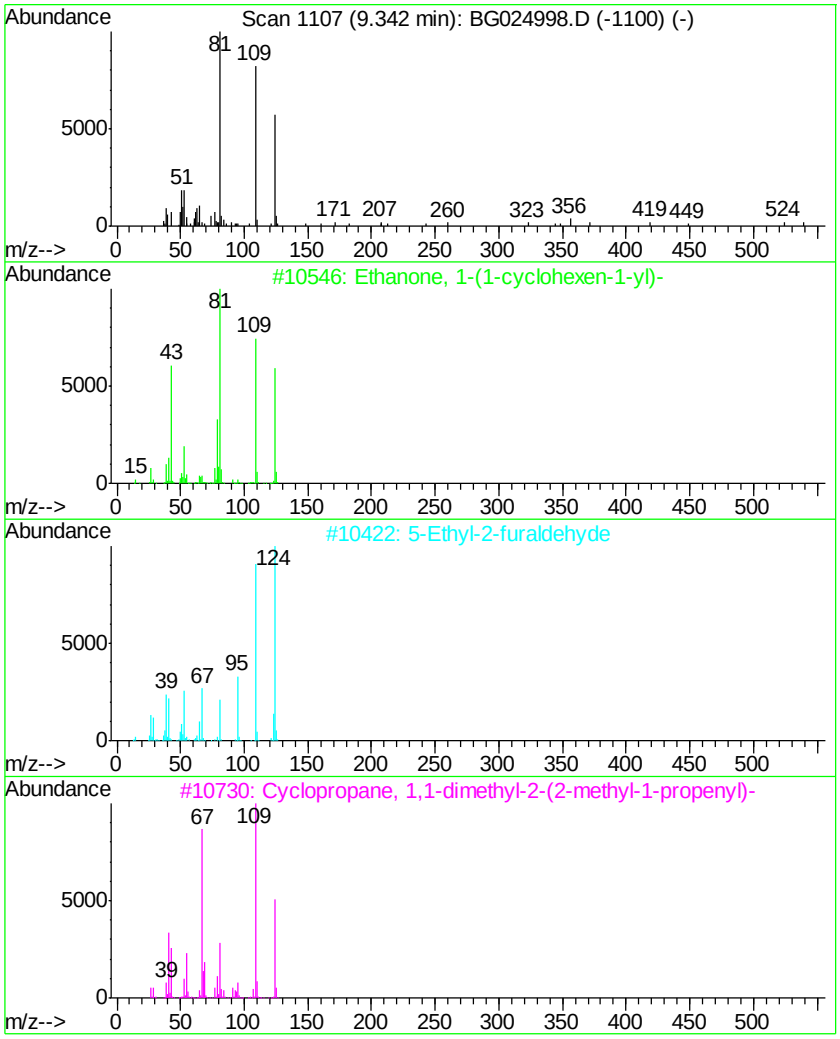
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

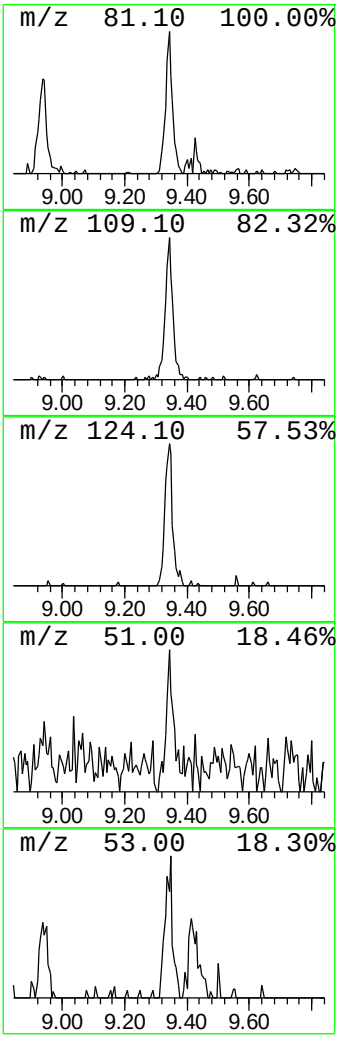
****

Peak Number 1 Ethanone, 1-(1-cyclohexen-1... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	2.99 ng/ul	100120	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	86
2	5-Ethyl-2-furaldehyde	124	C7H8O2	023074-10-4	43
3	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	033422-32-1	43
4	Mequinol	124	C7H8O2	000150-76-5	38
5	2-Propanone, 1-(1H-pyrazol-1-yl)-	124	C6H8N2O	1000337-51-8	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120616\
Data File : BG024998.D
Acq On : 7 Dec 2016 2:59
Operator : UM/SJ
Sample : H5843-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AJ1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

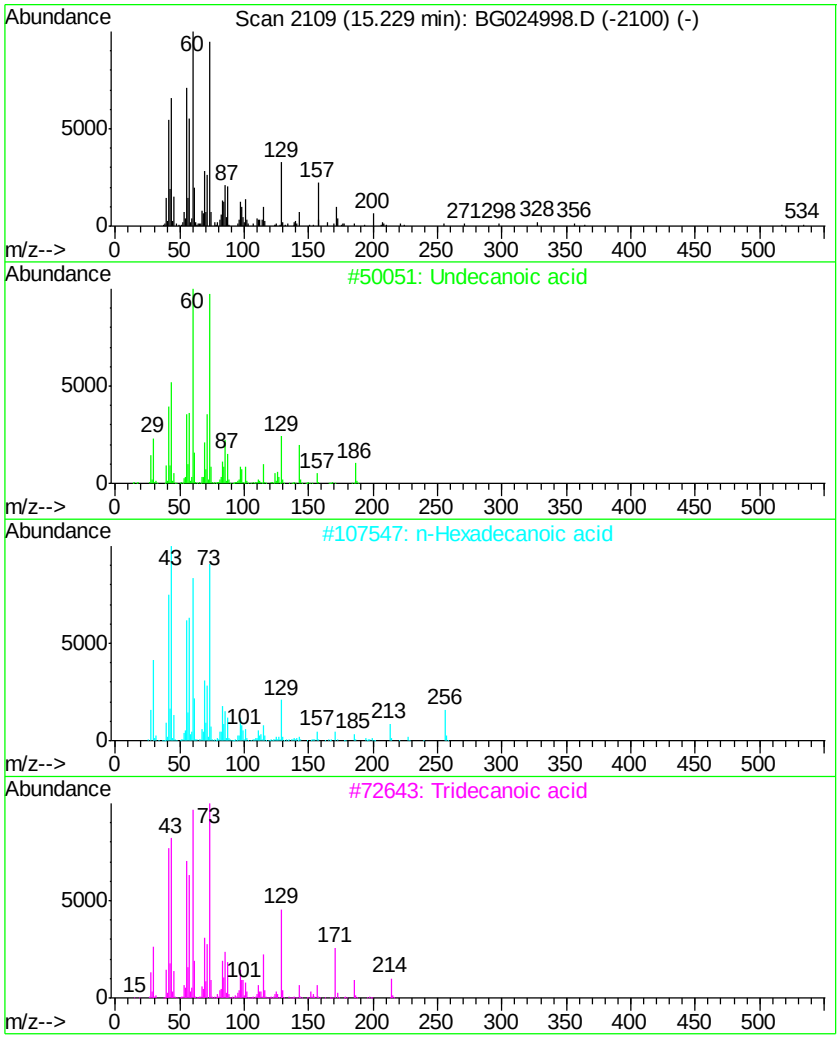
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

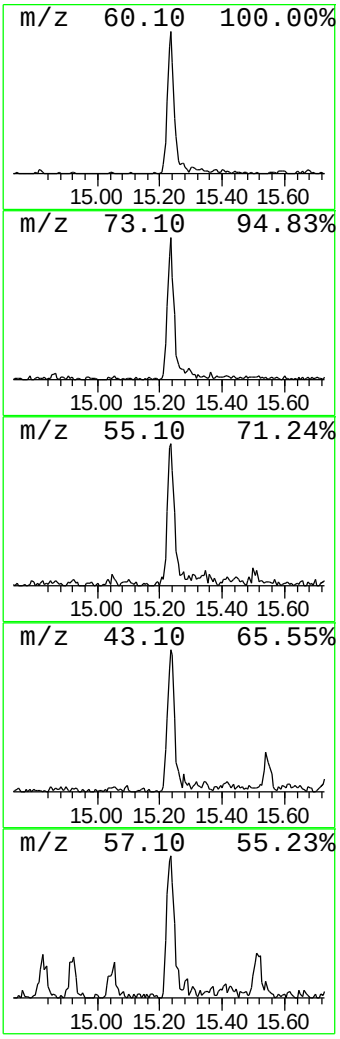
****

Peak Number 2 Undecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	5.54 ng/ul	404240	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	80
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	74
4	Dodecanoic acid	200	C12H24O2	000143-07-7	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





Library Search Compound Report

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Operator : UM/SJ
Sample : H5843-09
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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AJ1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

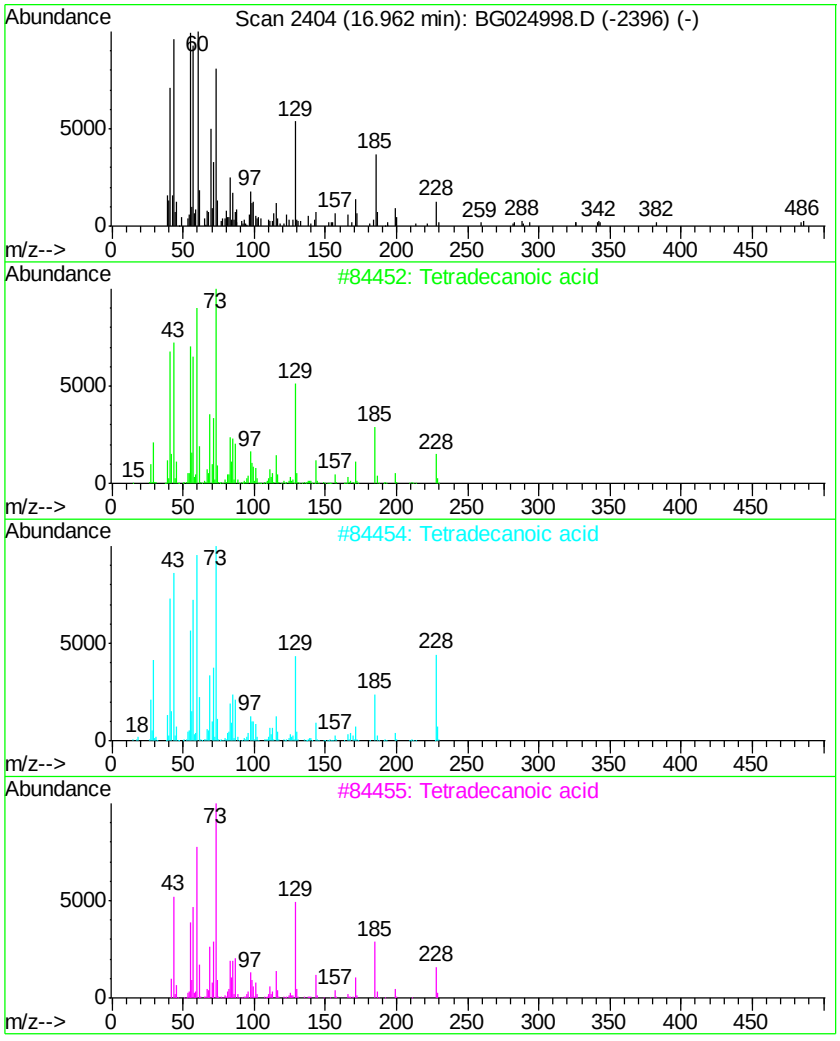
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

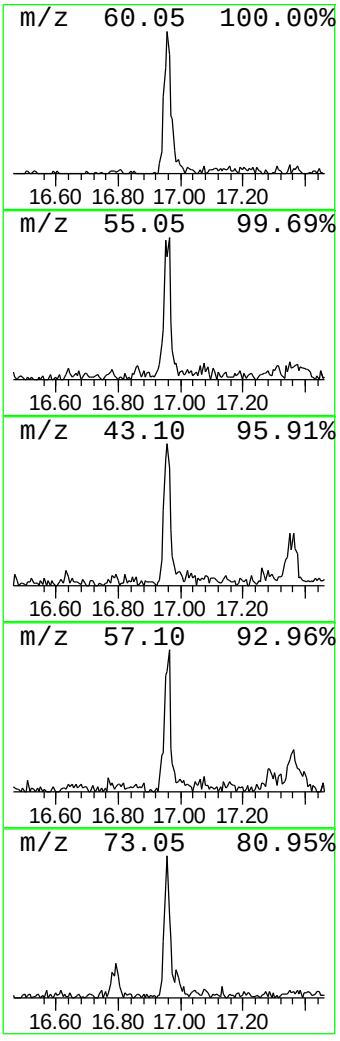
****

Peak Number 3 Tetradecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	2.73 ng/ul	272200	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Isopropyl myristate	270	C17H34O2	000110-27-0	72
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72





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Operator : UM/SJ
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AJ1

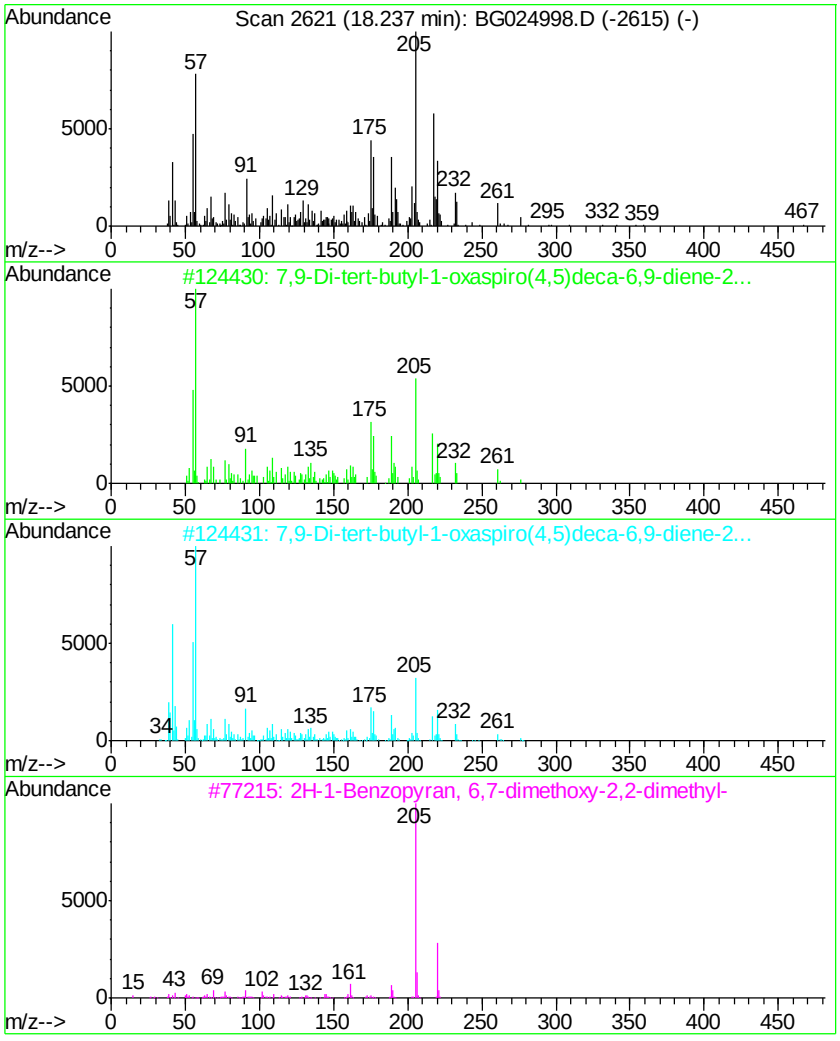
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

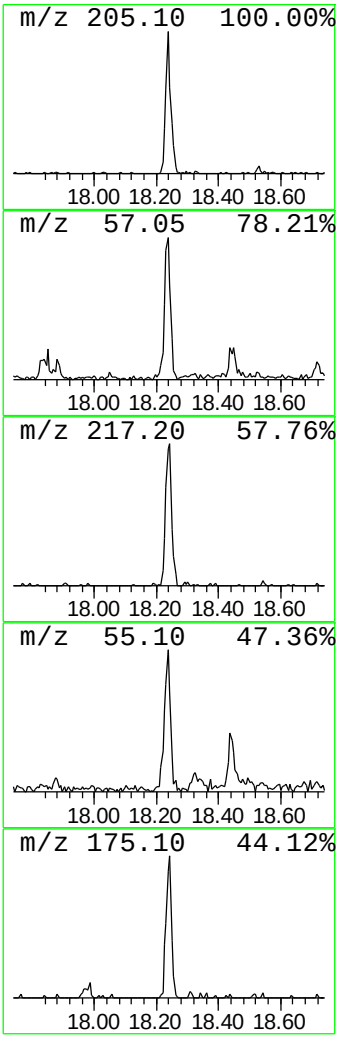
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	5.10 ng/ul	508220	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	94
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	83
3	2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	30
4	Phenol, 4,6-di(1,1-dimethylethyl...	220	C15H24O	000616-55-7	27
5	4-Isopropylphenol, trifluoroacetate	232	C11H11F3O2	1000365-67-8	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120616\
Data File : BG024998.D
Acq On : 7 Dec 2016 2:59
Operator : UM/SJ
Sample : H5843-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AJ1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

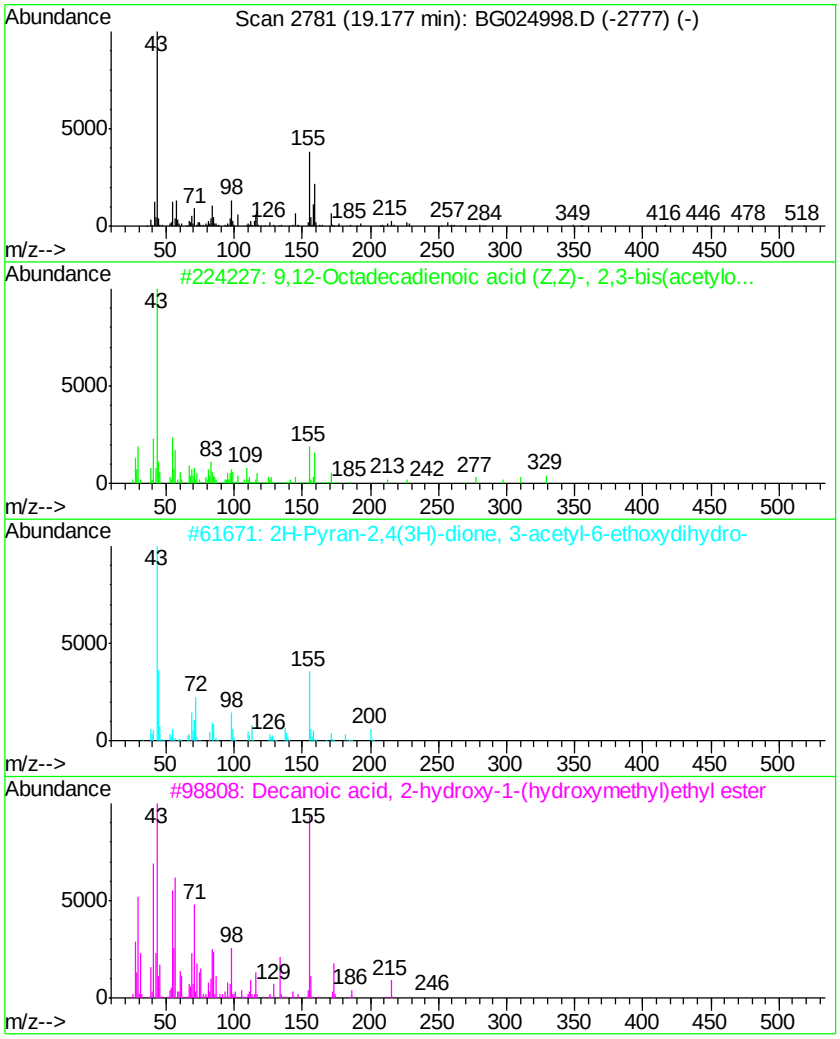
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

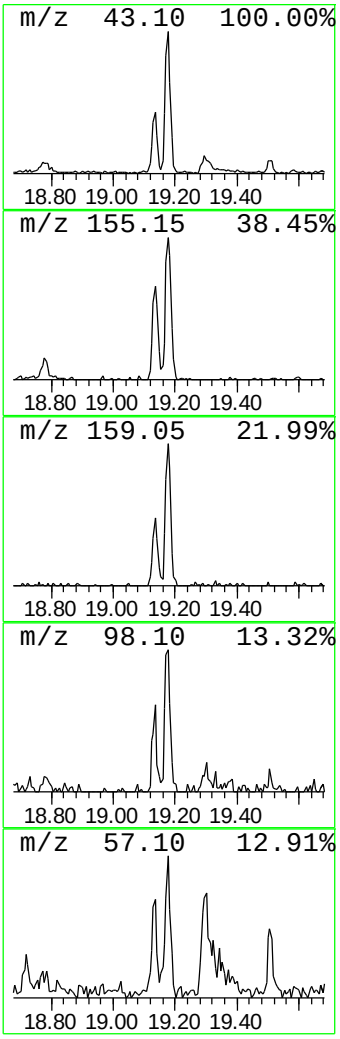
****

Peak Number 5 9,12-Octadecadienoic acid (... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	3.04 ng/ul	302841	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	438	C25H42O6	055320-04-2	50
2	2H-Pyran-2,4(3H)-dione, 3-acetyl...	200	C9H12O5	1000318-74-8	43
3	Decanoic acid, 2-hydroxy-1-(hydr...	246	C13H26O4	003376-48-5	28
4	Arabinopyranoside, methyl, 2,3-d...	402	C17H22O9S	029919-81-1	16
5	Octadecanoic acid, 9,10-epoxy-, ...	340	C21H40O3	095007-80-0	9





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Acq On : 7 Dec 2016 2:59
Operator : UM/SJ
Sample : H5843-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AJ1

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Quant Title : SVOA CALIBRATION

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

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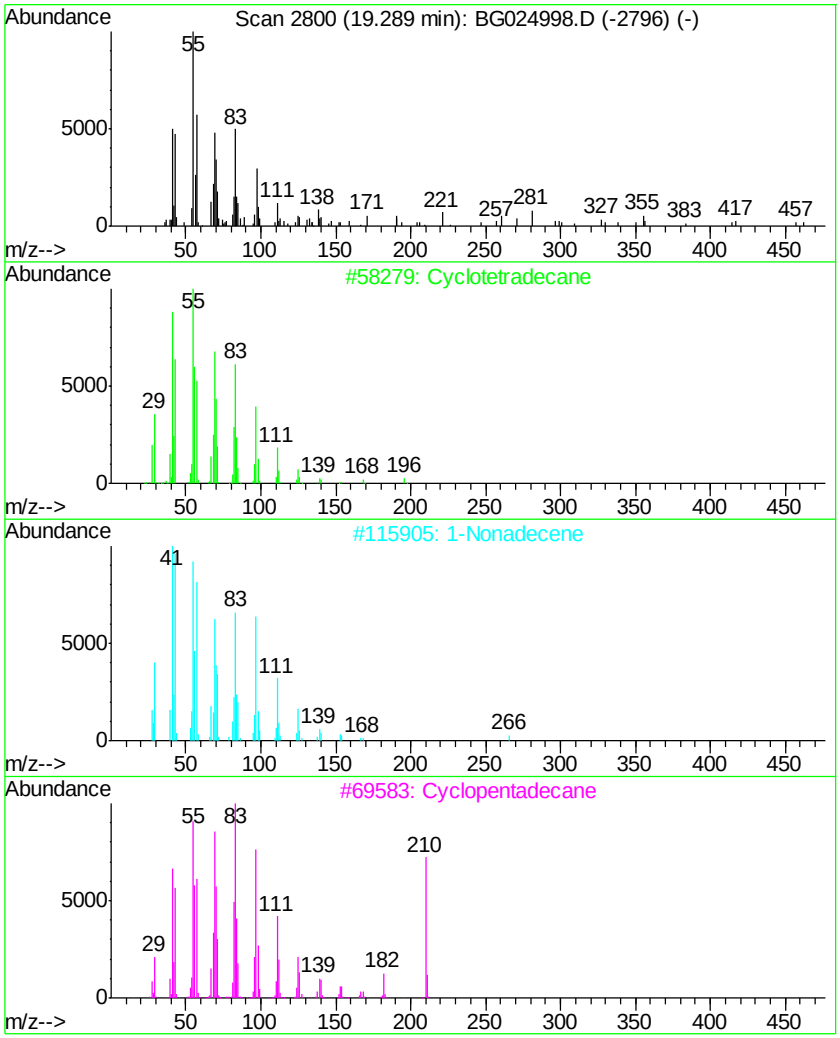
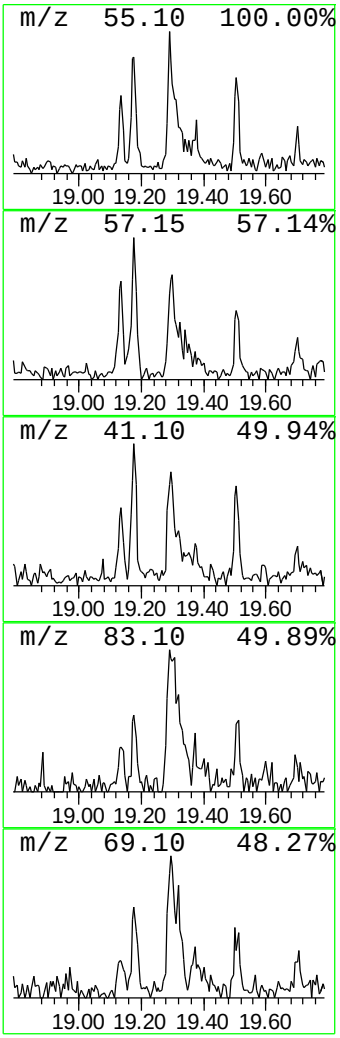
Peak Number 6 (DEL) Alkane: Cyclic19.29 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	2.02 ng/ul	201618	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	92
2	1-Nonadecene	266	C19H38	018435-45-5	62
3	Cyclopentadecane	210	C15H30	000295-48-7	60
4	1-Pentadecene	210	C15H30	013360-61-7	60
5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	58





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Sample : H5843-09
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Instrument : BNA_G
ClientSampleId : C0AJ1

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Quant Title : SVOA CALIBRATION

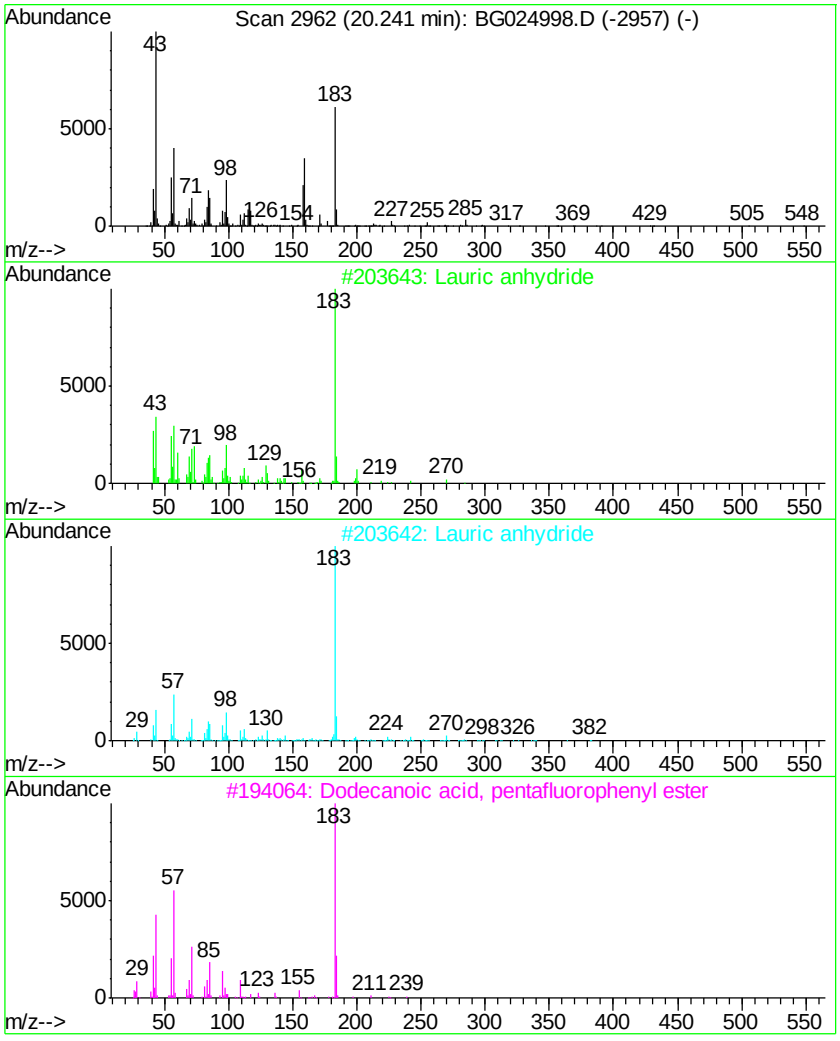
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

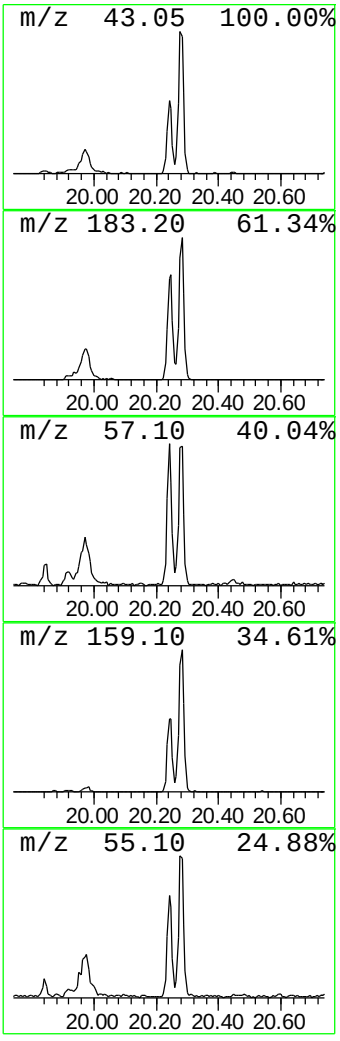
****

Peak Number 7 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	8.23 ng/ul	1129900	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lauric anhydride	382	C24H46O3	000645-66-9	38
2	Lauric anhydride	382	C24H46O3	000645-66-9	37
3	Dodecanoic acid, pentafluorophen...	366	C18H23F5O2	1000360-54-1	35
4	Fumaric acid, di(3-hexyl) ester	284	C16H28O4	1000348-61-9	35
5	Fumaric acid, hexyl 2-methylpent...	284	C16H28O4	1000348-76-3	32





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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AJ1

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Quant Title : SVOA CALIBRATION

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

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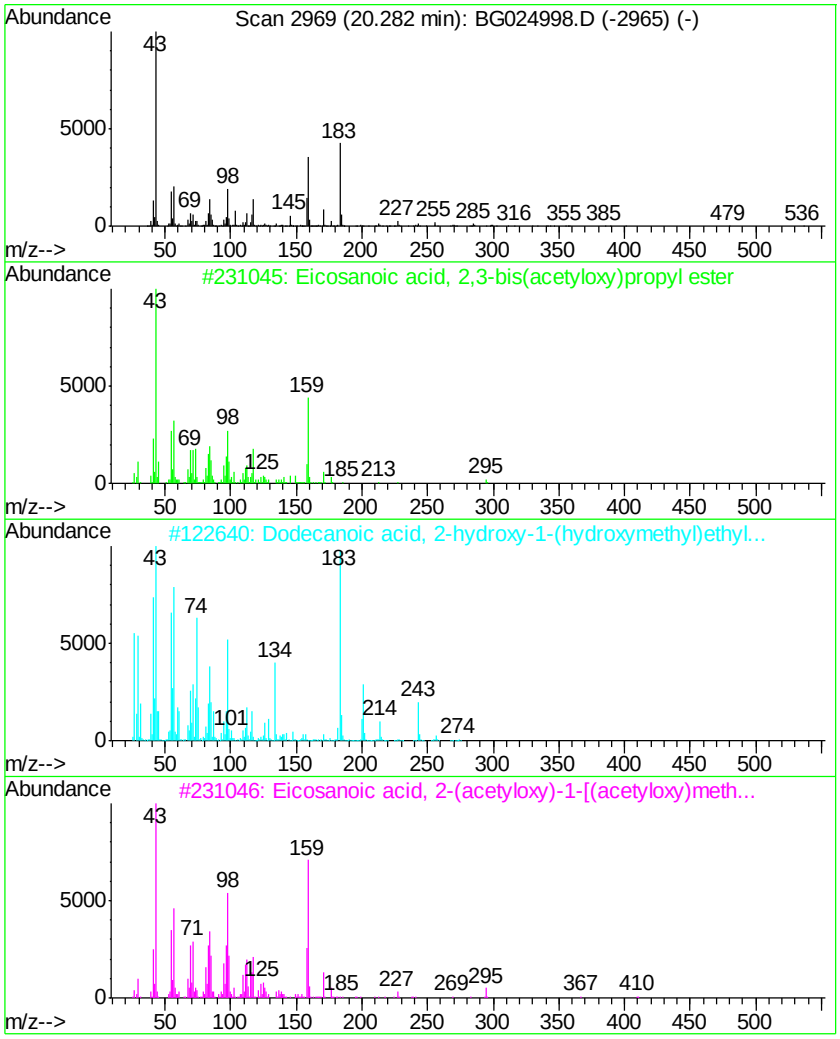
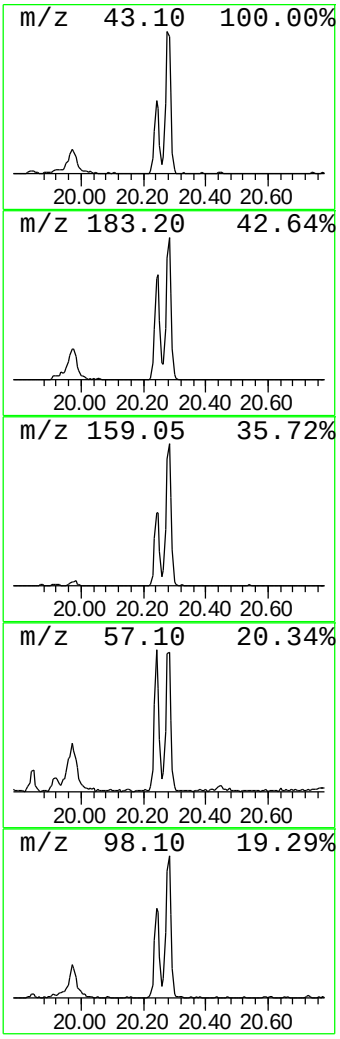
Peak Number 8 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	12.99 ng/ul	1782900	Chrysene-d12	21.89

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	25
3	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	10
4	4,5,6-Trimethyltetrahydro-1,3-ox...	159	C7H13NOS	085333-98-8	9
5	Acetic acid, 6-iodo-9-oxabicyclo...	310	C10H15IO3	1000190-80-0	9





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : C0AJ1

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Quant Title : SVOA CALIBRATION

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

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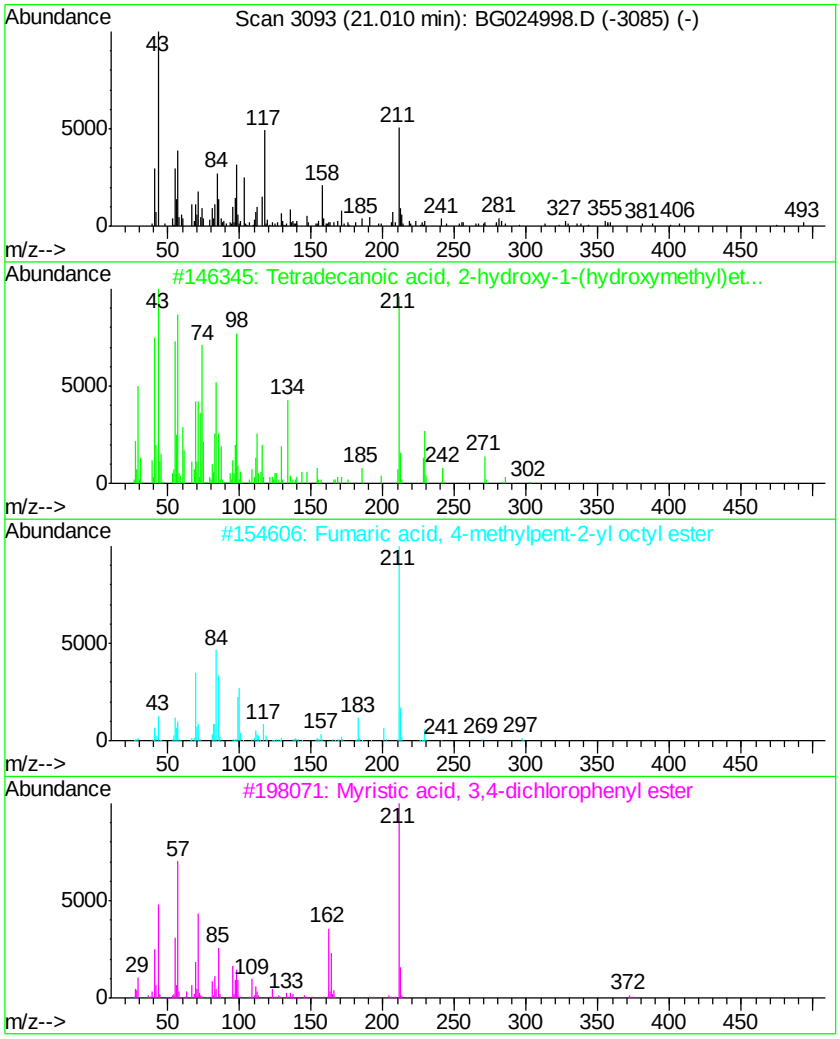
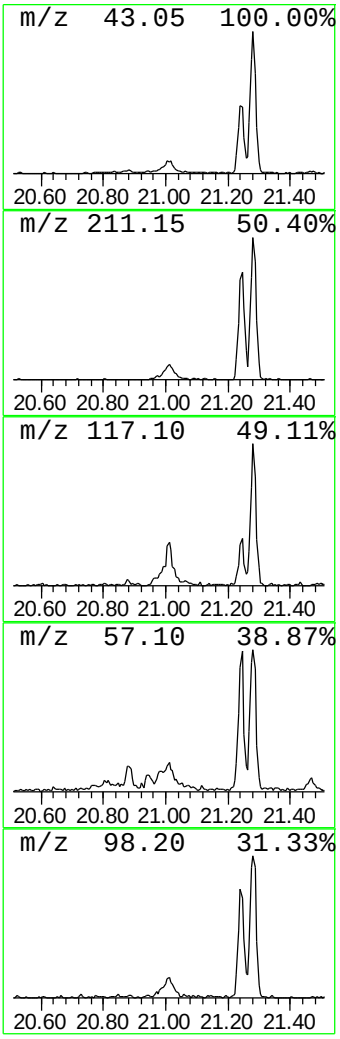
Peak Number 9 unknown-03 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	2.68 ng/ul	367736	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid, 2-hydroxy-1-...	302	C17H34O4	003443-83-2	32
2	Fumaric acid, 4-methylpent-2-yl ...	312	C18H32O4	1000348-32-2	16
3	Myristic acid, 3,4-dichlorophenyl...	372	C20H30Cl2O2	1000357-93-1	14
4	2-Fluoro-5H-dibenz[b,f]azepine	211	C14H10FN	024986-53-6	14
5	Fumaric acid, 2-decyl octyl ester	368	C22H40O4	1000348-59-0	12





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Instrument : BNA_G
ClientSampleId : C0AJ1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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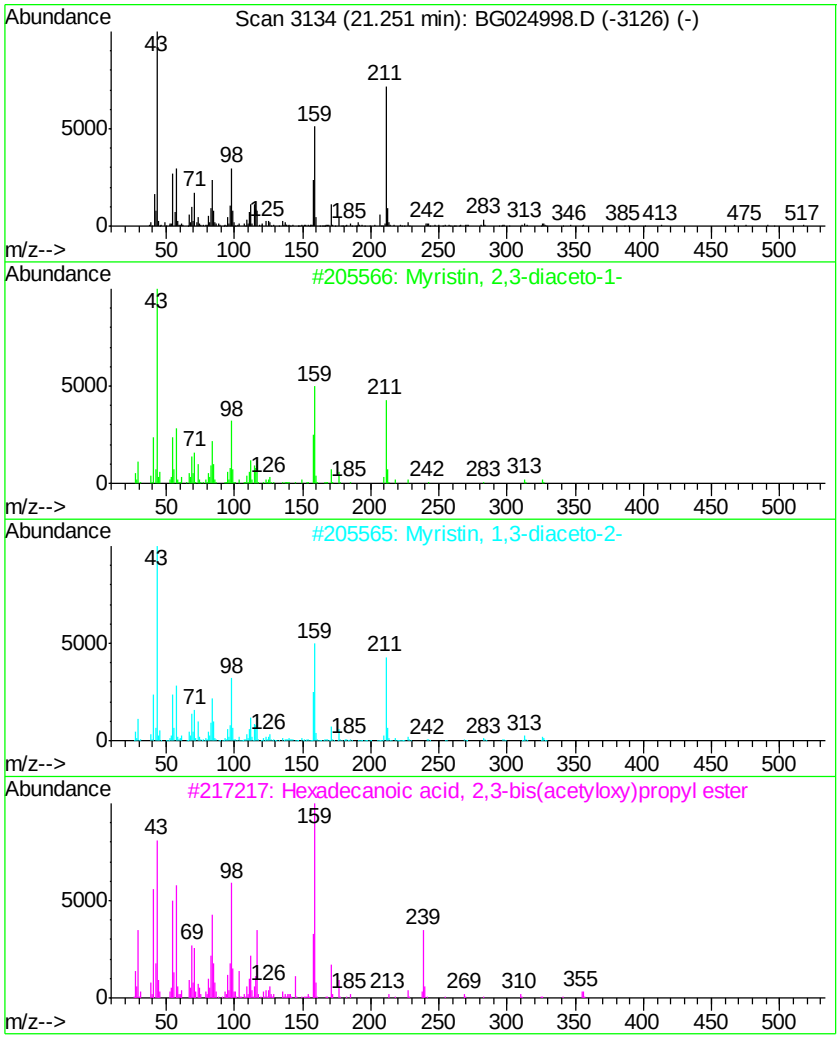
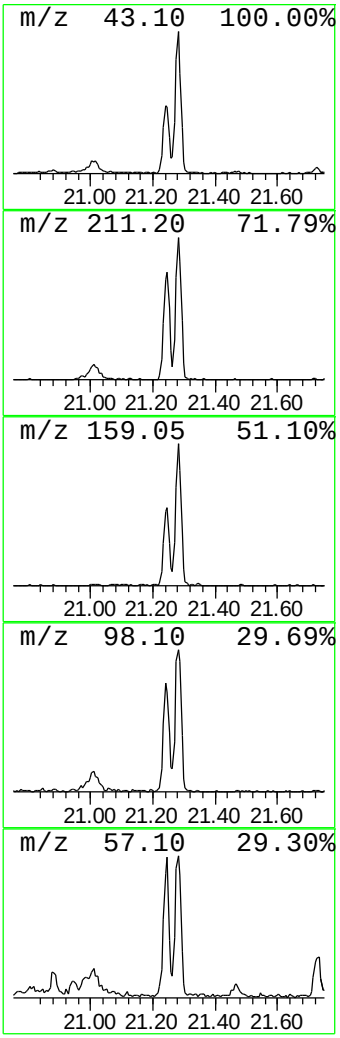
Peak Number 10 Myristin, 2,3-diaceto-1- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.25	7.77 ng/ul	1067200	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	91
2	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	74
3	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	38
4	Fumaric acid, cyclobutyl octyl e...	282	C16H26O4	1000345-03-8	22
5	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	22





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Instrument : BNA_G
ClientSampleId : C0AJ1

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Quant Title : SVOA CALIBRATION

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

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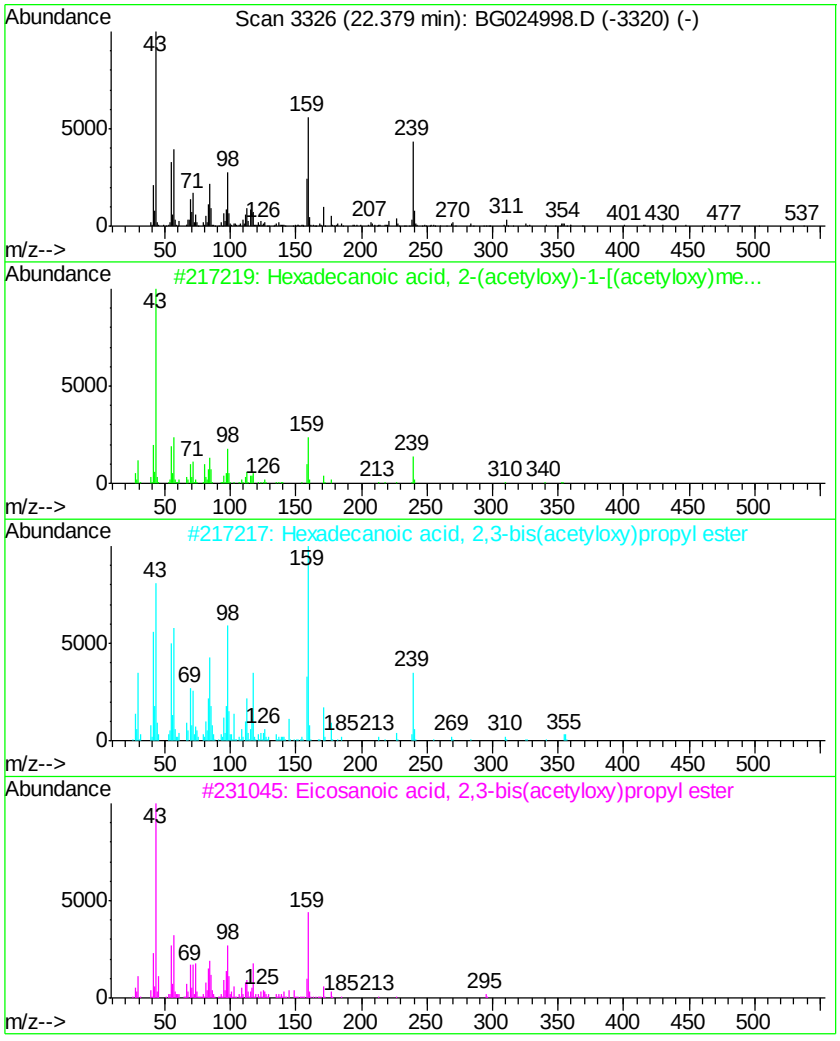
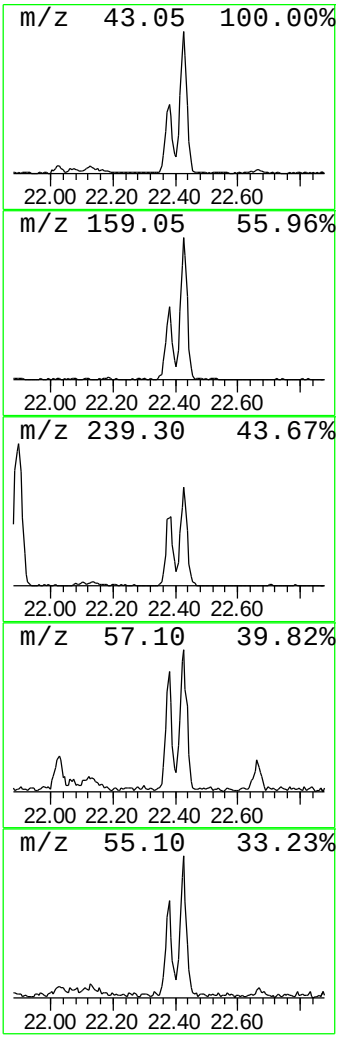
Peak Number 12 Hexadecanoic acid, 2-(acety... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.38	5.72 ng/ul	785173	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2-(acetyloxy)...	414	C23H42O6	055268-69-4	91
2	Hexadecanoic acid, 2,3-bis(acetyl...	414	C23H42O6	055268-70-7	91
3	Eicosanoic acid, 2,3-bis(acetyloxy...	470	C27H50O6	055429-67-9	38
4	2,3,4-Trifluorobenzoic acid, 4-m...	260	C13H15F3O2	1000282-29-8	22
5	Nonanoic acid, hexadecyl ester	382	C25H50O2	1000340-28-3	22





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Misc :
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Instrument : BNA_G
ClientSampleId : C0AJ1

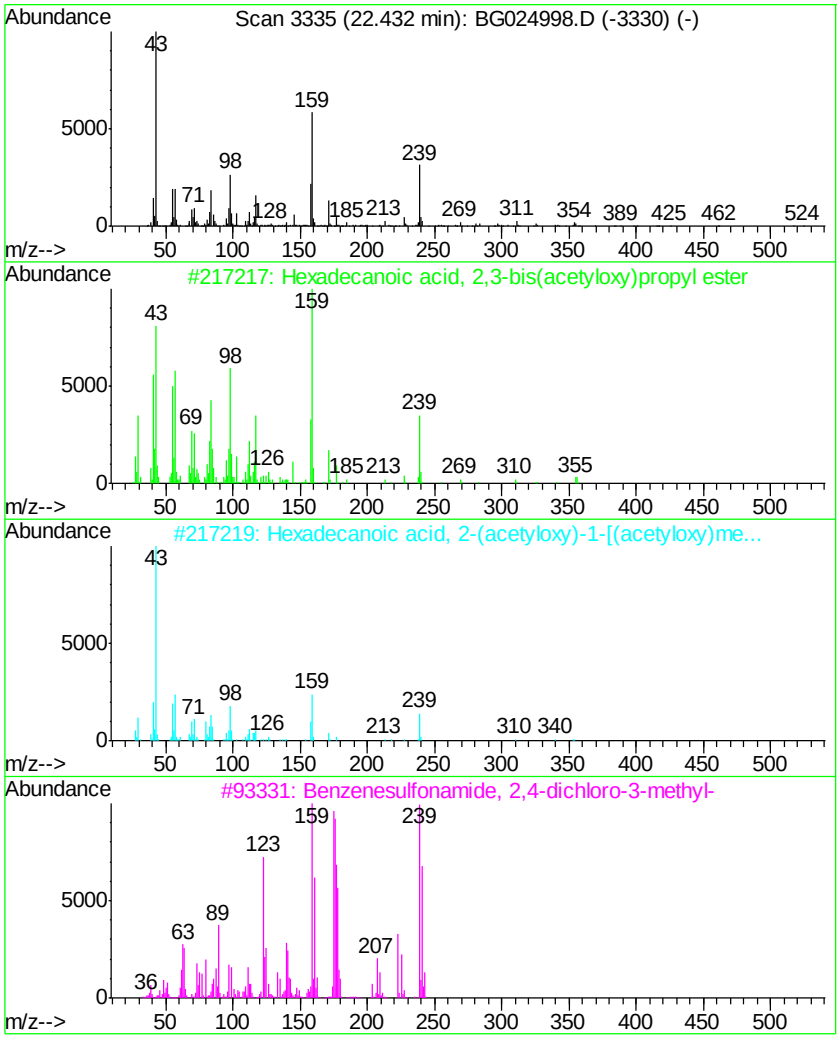
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

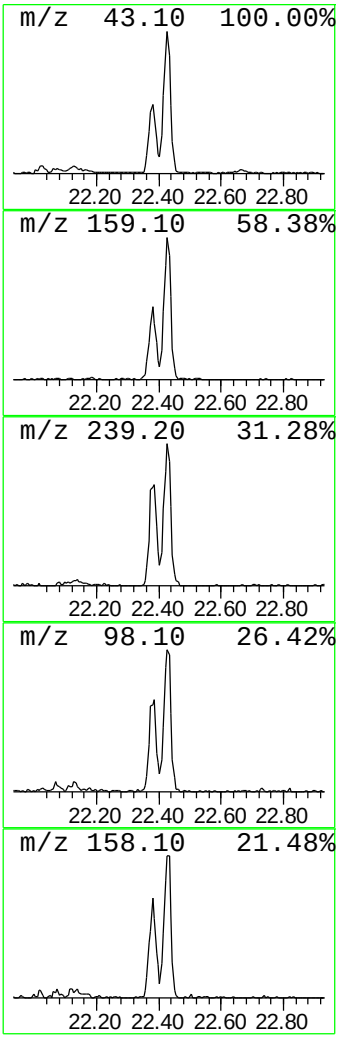
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Hexadecanoic acid, 2,3-bis(... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	9.21 ng/ul	1263860	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	64
2	Hexadecanoic acid, 2-(acetyloxy)...	414	C23H42O6	055268-69-4	59
3	Benzenesulfonamide, 2,4-dichloro...	239	C7H7Cl2NO2S	1000277-29-3	38
4	9-Octadecenoic acid (Z)-, 2,3-bi...	440	C25H44O6	055401-64-4	32
5	2,5-Difluorobenzoic acid, decyl ...	298	C17H24F2O2	1000338-80-9	16





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Quant Title : SVOA CALIBRATION

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

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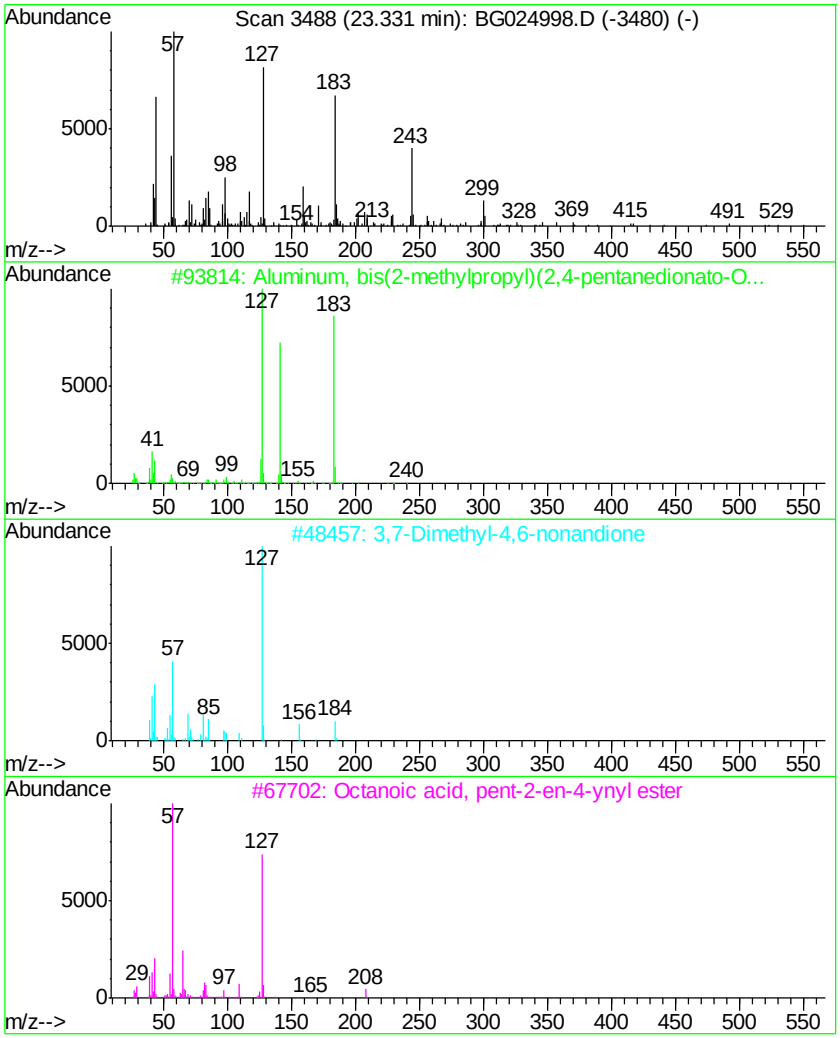
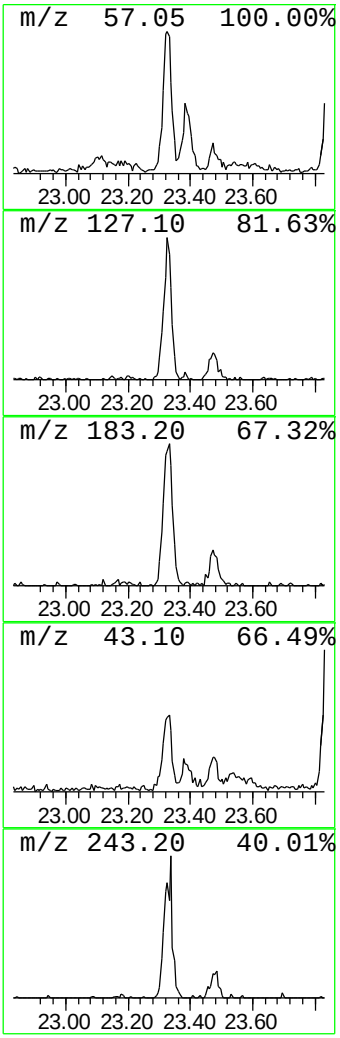
Peak Number 14 unknown-04 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.33	3.45 ng/ul	474078	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aluminum, bis(2-methylpropyl)(2,...	240	C13H25AlO2	014241-84-0	43
2	3,7-Dimethyl-4,6-nonandione	184	C11H20O2	1000374-12-6	30
3	Octanoic acid, pent-2-en-4-ynyl ...	208	C13H20O2	1000299-34-2	30
4	1-Ethyl-2-methylpropyl propylpho...	210	C9H20FO2P	1000298-31-2	27
5	Propylphosphonic acid, fluoroanh...	196	C8H18FO2P	1000273-49-1	27





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Instrument : BNA_G
ClientSampleId : C0AJ1

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Quant Title : SVOA CALIBRATION

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

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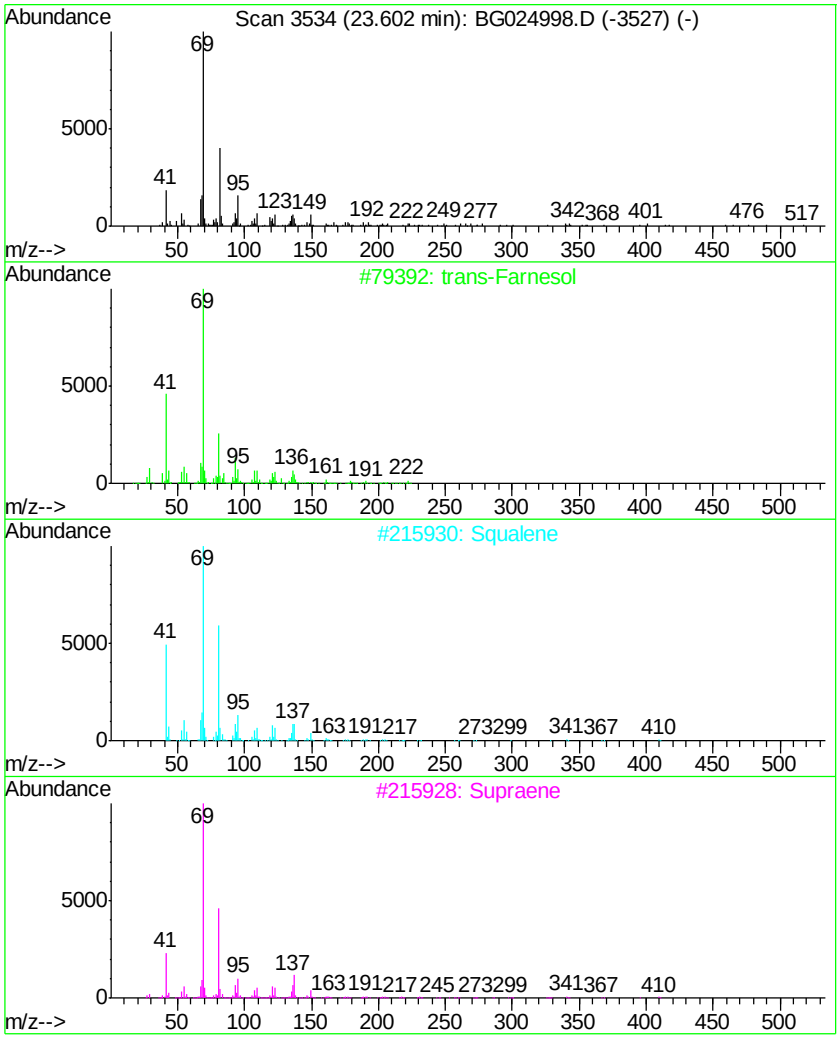
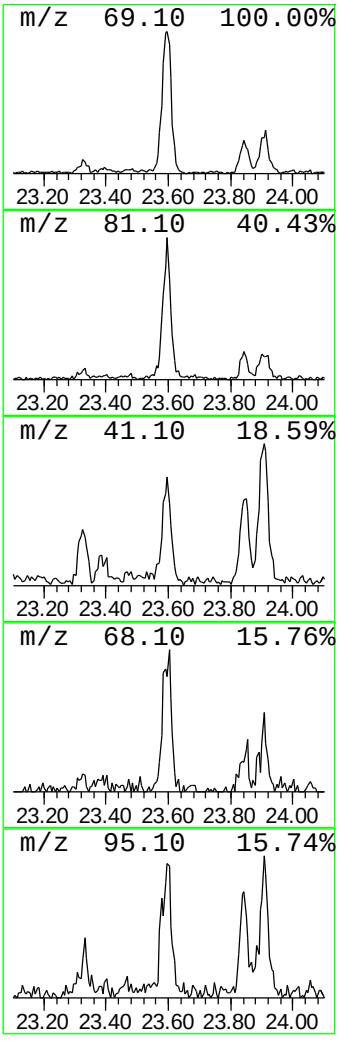
Peak Number 15 trans-Farnesol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	3.13 ng/ul	429891	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Farnesol	222	C15H26O	000106-28-5	76
2	Squalene	410	C30H50	000111-02-4	74
3	Supraene	410	C30H50	007683-64-9	74
4	6,11-Dimethyl-2,6,10-dodecatrien...	208	C14H24O	1000196-53-3	72
5	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	72





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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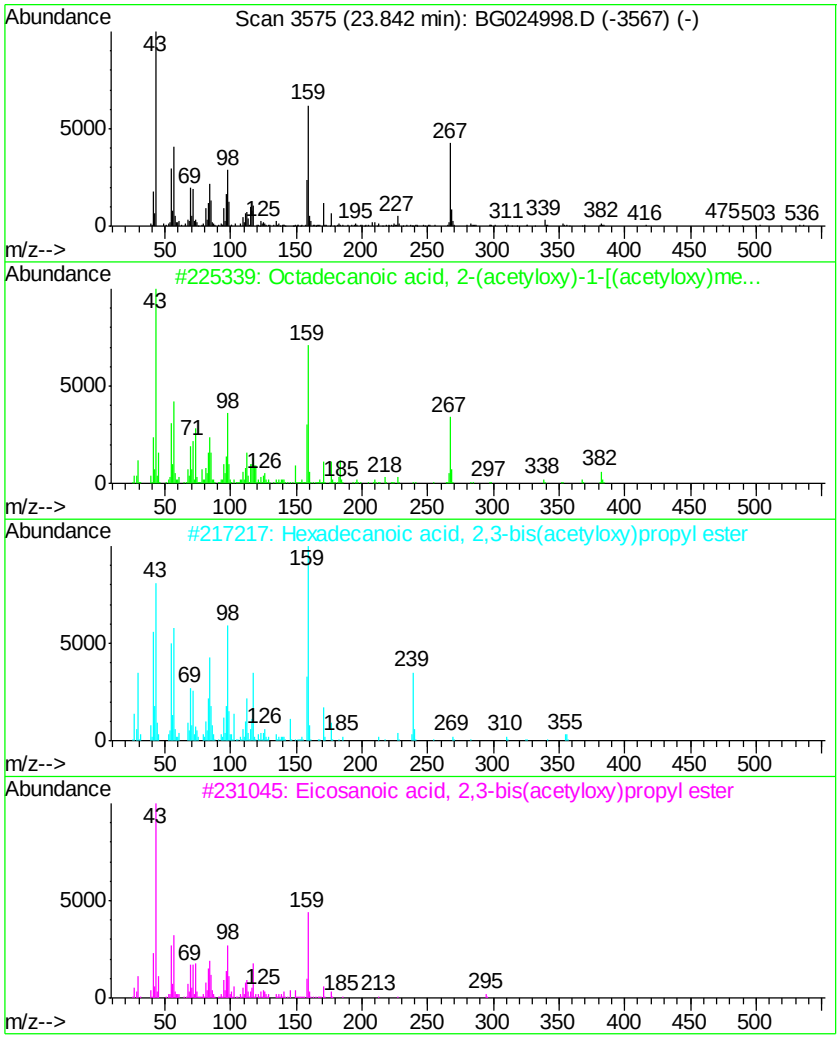
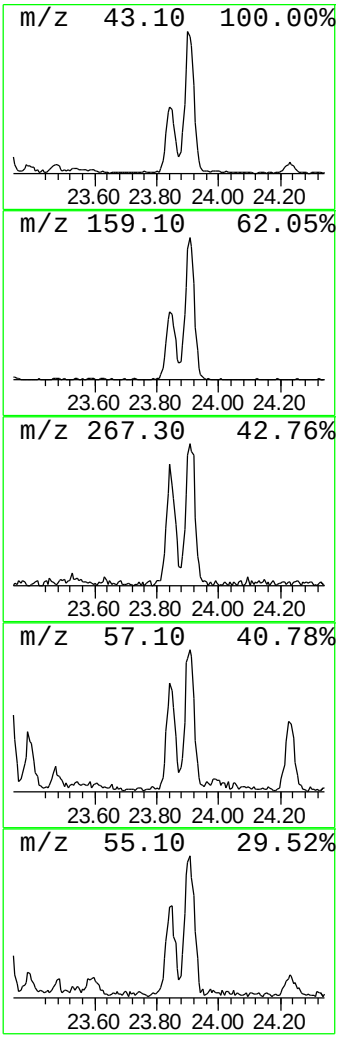
Peak Number 16 Octadecanoic acid, 2-(acety... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	6.22 ng/ul	872139	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-(acetyloxy)...	442	C25H46O6	055401-62-2	64
2	Hexadecanoic acid, 2,3-bis(acetyl...	414	C23H42O6	055268-70-7	50
3	Eicosanoic acid, 2,3-bis(acetyloxy...	470	C27H50O6	055429-67-9	37
4	2,4-Difluorobenzoic acid, pentad...	368	C22H34F2O2	1000338-79-3	14
5	2,4-Difluorobenzoic acid, octade...	410	C25H40F2O2	1000338-79-6	14





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Quant Title : SVOA CALIBRATION

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

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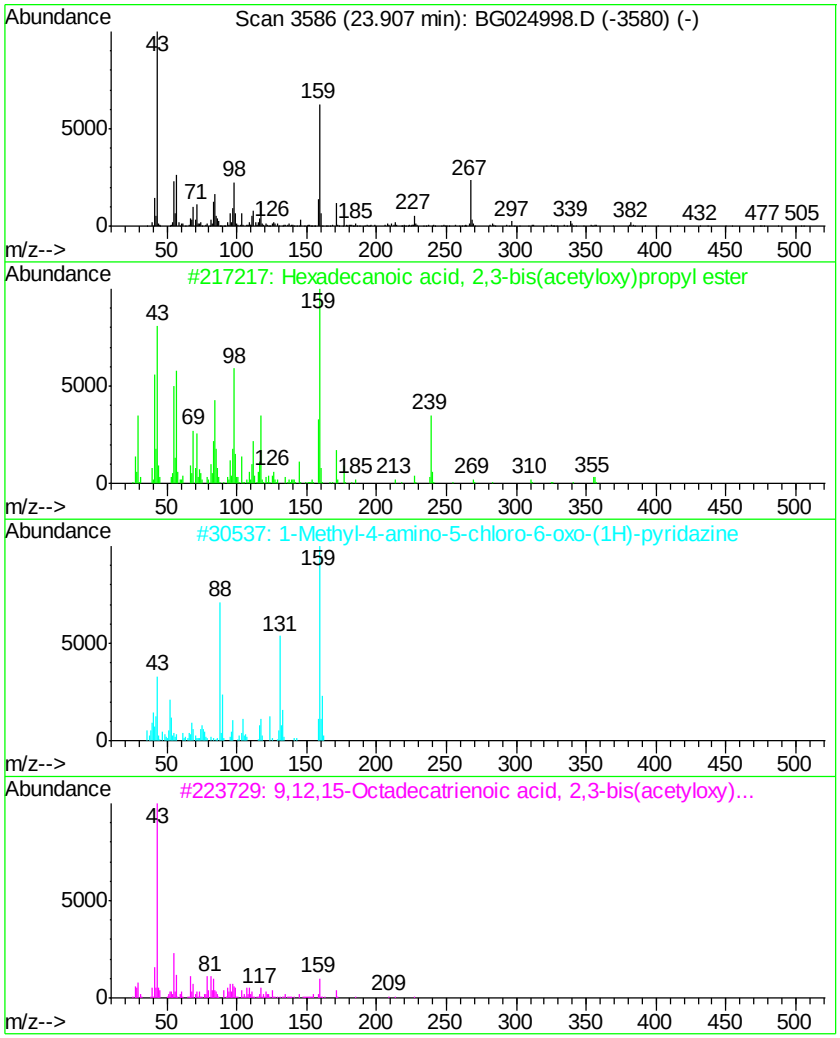
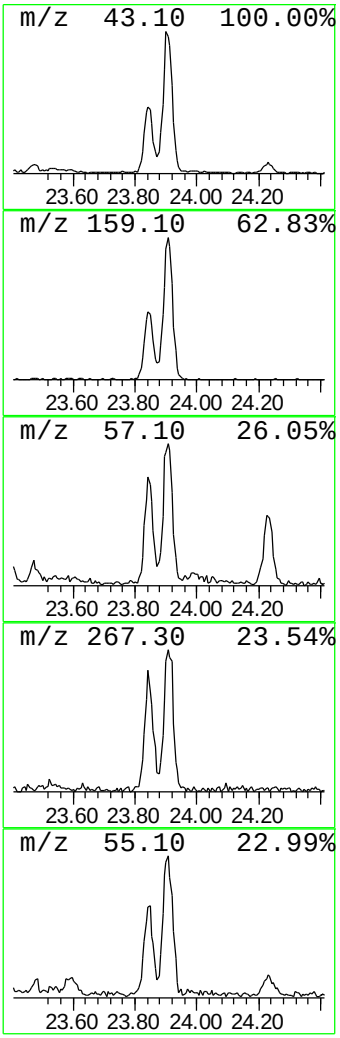
Peak Number 17 unknown-05 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	10.74 ng/ul	1506870	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	46
2	1-Methyl-4-amino-5-chloro-6-oxo-...	159	C5H6ClN3O	017254-80-7	38
3	9,12,15-Octadecatrienoic acid, 2...	436	C25H40O6	055320-02-0	37
4	2,4-Difluorobenzoic acid, tetrad...	354	C21H32F2O2	1000338-79-2	35
5	2,6-Difluorobenzoic acid, pentad...	368	C22H34F2O2	1000292-39-5	35





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ClientSampleId : C0AJ1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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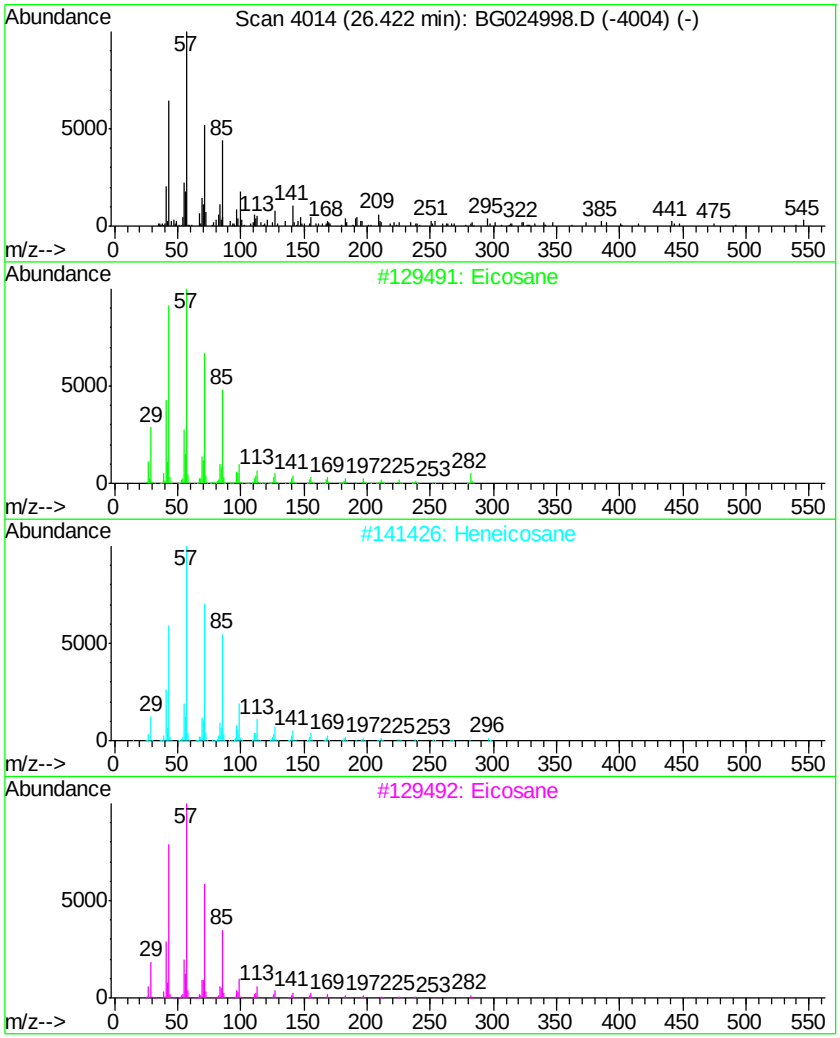
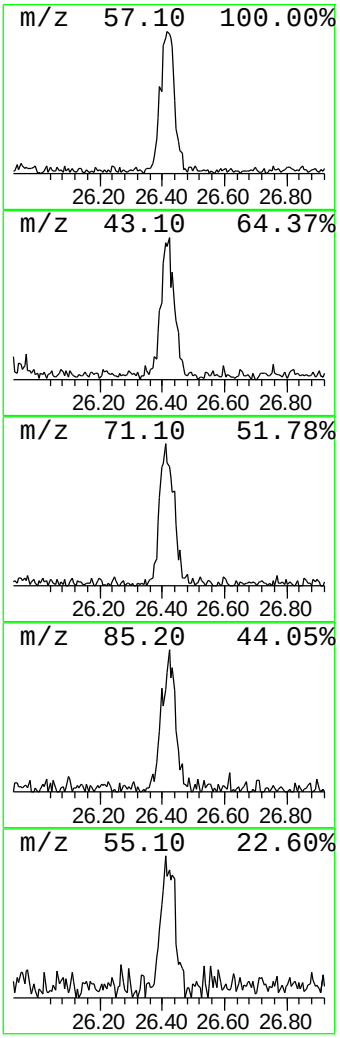
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.42	2.57 ng/ul	360649	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	81
2	Heneicosane	296	C21H44	000629-94-7	74
3	Eicosane	282	C20H42	000112-95-8	74
4	Tridecane	184	C13H28	000629-50-5	74
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120616\
Data File : BG024998.D
Acq On : 7 Dec 2016 2:59
Operator : UM/SJ
Sample : H5843-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AJ1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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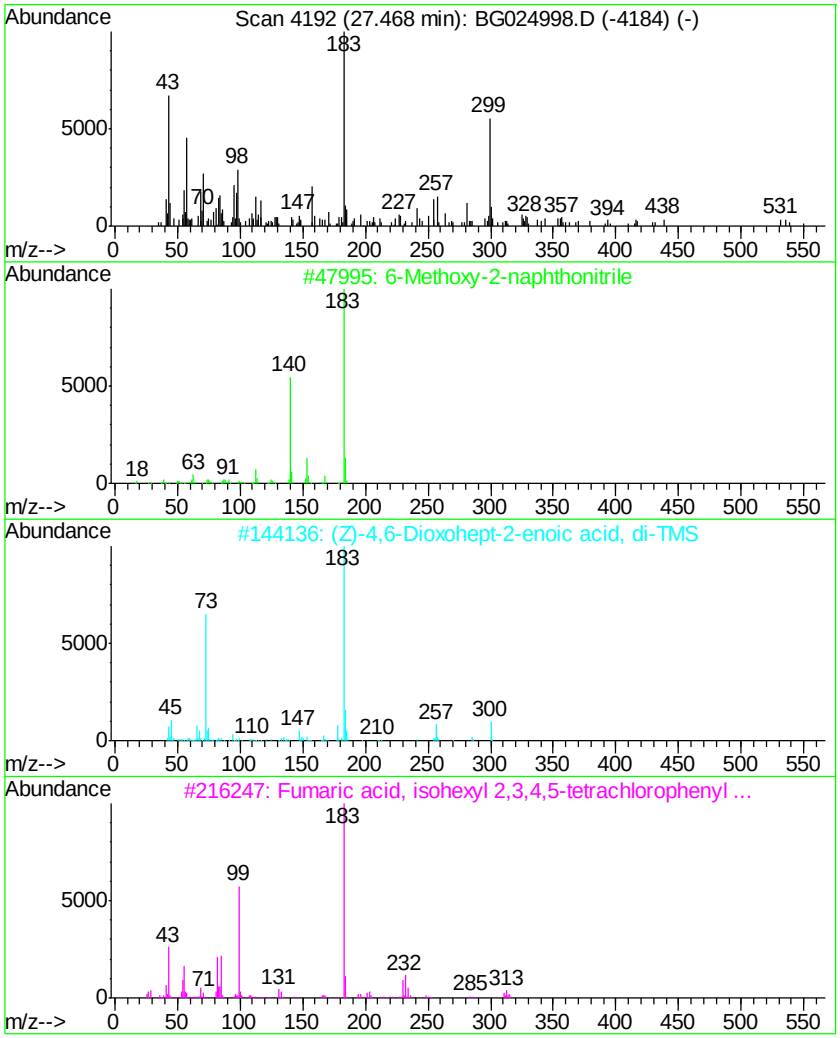
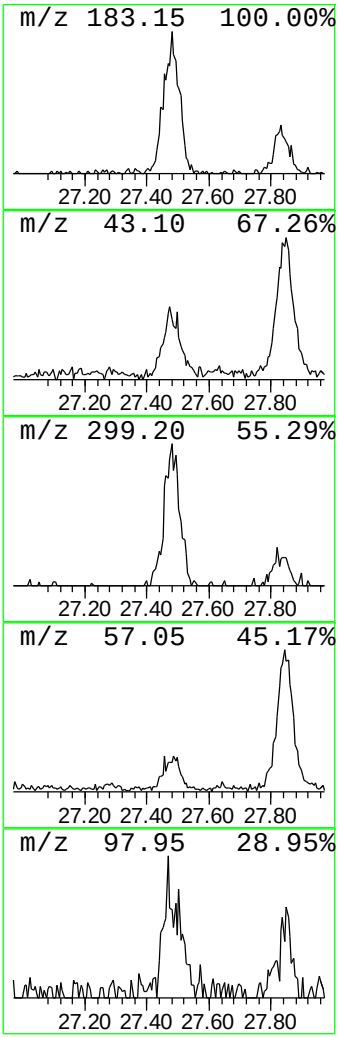
Peak Number 19 unknown-06 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.47	2.52 ng/ul	353956	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methoxy-2-naphthonitrile	183	C12H9NO	067886-70-8	43
2	(Z)-4,6-Dioxohept-2-enoic acid, ...	300	C13H24O4Si2	1000099-84-6	43
3	Fumaric acid, isohexyl 2,3,4,5-t...	412	C16H16Cl4O4	1000348-24-4	38
4	Phenylserine, 2-fluoro-4,5-dimet...	271	C12H14FNO5	1000130-37-5	38
5	Fumaric acid, di(4-methylpent-2-...	284	C16H28O4	1000348-33-2	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120616\
Data File : BG024998.D
Acq On : 7 Dec 2016 2:59
Operator : UM/SJ
Sample : H5843-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AJ1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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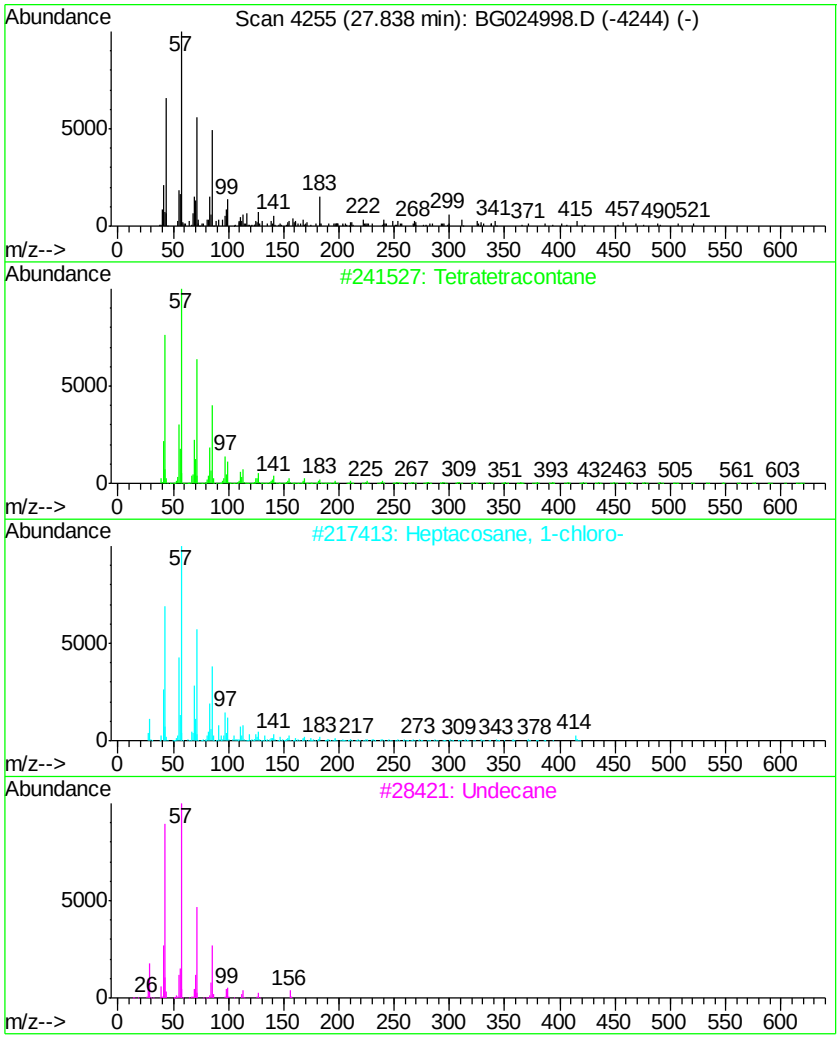
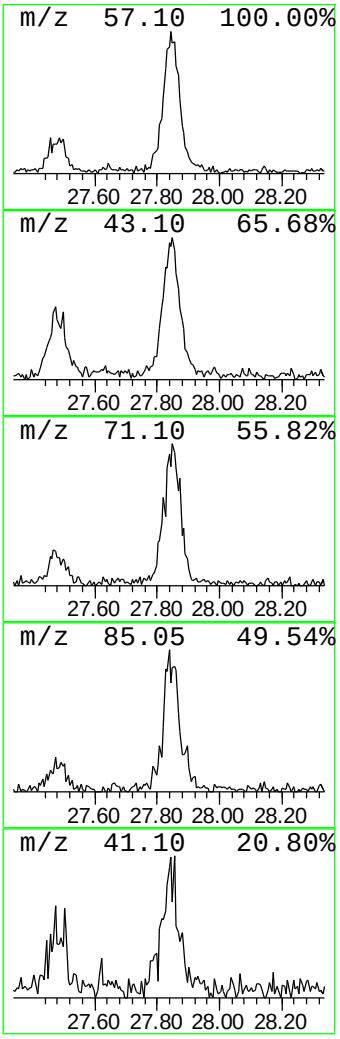
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.84	4.21 ng/ul	591171	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	68
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	68
3	Undecane	156	C11H24	001120-21-4	68
4	Hexadecane	226	C16H34	000544-76-3	64
5	Pentadecane	212	C15H32	000629-62-9	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120616\
Data File : BG024998.D
Acq On : 7 Dec 2016 2:59
Operator : UM/SJ
Sample : H5843-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AJ1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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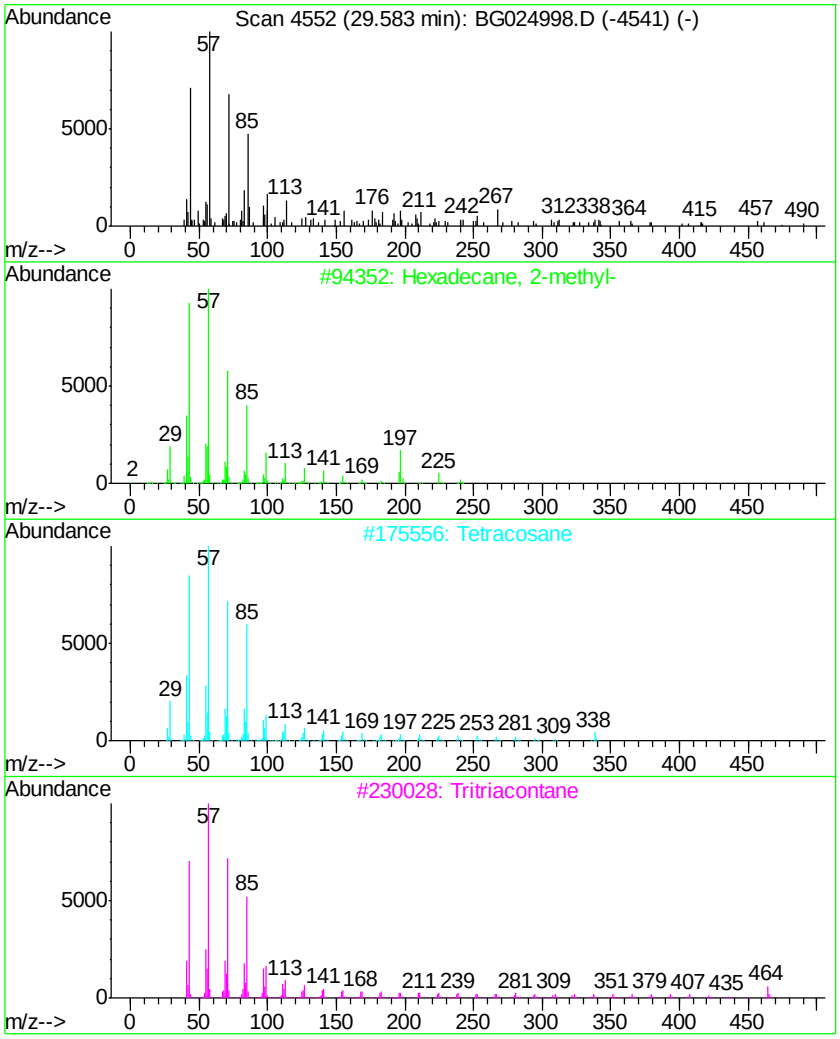
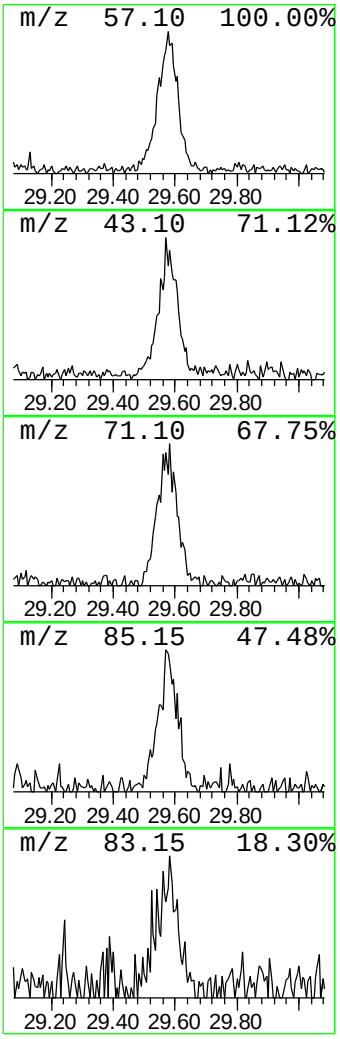
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.58	2.30 ng/ul	323050	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	76
2	Tetracosane	338	C24H50	000646-31-1	76
3	Tritriacontane	465	C33H68	000630-05-7	72
4	Tricosane	324	C23H48	000638-67-5	68
5	Tetracontane	563	C40H82	004181-95-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
Data File : BG024998.D
Acq On : 7 Dec 2016 2:59
Operator : UM/SJ
Sample : H5843-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AJ1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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
Ethanone, 1-(1-cy...	9.34	3.0	ng/ul	100120	1	8.24	670698	20.0
Undecanoic acid	15.23	5.5	ng/ul	404240	3	14.86	1460430	20.0
Tetradecanoic acid	16.96	2.7	ng/ul	272200	4	17.60	1992960	20.0
7,9-Di-tert-butyl...	18.24	5.1	ng/ul	508220	4	17.60	1992960	20.0
9,12-Octadecadien...	19.18	3.0	ng/ul	302841	4	17.60	1992960	20.0
(DEL) Alkane: Cyc...	19.29	2.0	ng/ul	201618	4	17.60	1992960	20.0
unknown-01	20.24	8.2	ng/ul	1129900	5	21.89	2745890	20.0
unknown-02	20.28	13.0	ng/ul	1782900	5	21.89	2745890	20.0
unknown-03	21.01	2.7	ng/ul	367736	5	21.89	2745890	20.0
Myristin, 2,3-dia...	21.25	7.8	ng/ul	1067200	5	21.89	2745890	20.0
Hexadecanoic acid...	22.38	5.7	ng/ul	785173	5	21.89	2745890	20.0
Hexadecanoic acid...	22.43	9.2	ng/ul	1263860	5	21.89	2745890	20.0
unknown-04	23.33	3.5	ng/ul	474078	5	21.89	2745890	20.0
trans-Farnesol	23.60	3.1	ng/ul	429891	5	21.89	2745890	20.0
Octadecanoic acid...	23.84	6.2	ng/ul	872139	6	25.31	2805860	20.0
unknown-05	23.91	10.7	ng/ul	1506870	6	25.31	2805860	20.0
(DEL) Alkane: Str...	26.42	2.6	ng/ul	360649	6	25.31	2805860	20.0
unknown-06	27.47	2.5	ng/ul	353956	6	25.31	2805860	20.0
(DEL) Alkane: Str...	27.84	4.2	ng/ul	591171	6	25.31	2805860	20.0
(DEL) Alkane: Str...	29.58	2.3	ng/ul	323050	6	25.31	2805860	20.0