LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
Data File : BG048255.D
Acq On : 21 Feb 2021 4:13
Operator : CG/JU
Sample : M1415-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH25

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.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	7.312	670	676	688	rVB3	126809	261807	1.12%	0.474%
2	7.441	688	698	705	rBV	83641	152872	0.65%	0.277%
3	7.518	705	711	717	rVB2	43355	69636	0.30%	0.126%
4	7.659	729	735	742	rBV	122581	208265	0.89%	0.377%
5	8.111	805	812	820	rBV	163026	281502	1.20%	0.510%
6	8.857	930	939	950	rBV	148815	267721	1.14%	0.485%
7	9.286	1004	1012	1019	rBV	117352	213680	0.91%	0.387%
8	10.015	1127	1136	1142	rBV	107837	202539	0.86%	0.367%
9	10.338	1186	1191	1200	rVB3	29068	51874	0.22%	0.094%
10	10.573	1224	1231	1241	rVB2	164593	303206	1.29%	0.549%
11	10.702	1247	1253	1260	rBV3	23605	46868	0.20%	0.085%
12	10.931	1284	1292	1298	rBV	229507	392989	1.68%	0.712%
13	11.078	1311	1317	1328	rVV2	53245	108461	0.46%	0.196%
14	13.675	1754	1759	1765	rVB2	22663	36118	0.15%	0.065%
15	14.145	1833	1839	1844	rBV	286895	422941	1.80%	0.766%
16	14.186	1844	1846	1853	rVB	46858	62206	0.27%	0.113%
17	14.439	1882	1889	1899	rBV	318139	504561	2.15%	0.914%
18	14.744	1934	1941	1949	rBV	356263	582751	2.49%	1.055%
19	15.003	1978	1985	1997	rBV	111310	215708	0.92%	0.391%
20	15.732	2101	2109	2116	rBV	422502	625299	2.67%	1.132%
21	15.867	2125	2132	2141	rBV	145266	226441	0.97%	0.410%
22	17.488	2401	2408	2413	rBV	445834	678745	2.90%	1.229%
23	17.588	2419	2425	2431	rBV2	426230	648092	2.77%	1.174%
24	17.682	2437	2441	2445	rVB7	15455	24163	0.10%	0.044%
25	17.741	2447	2451	2456	rBV6	37113	62134	0.27%	0.113%
26	18.129	2512	2517	2520	rBV7	14958	31945	0.14%	0.058%
27	18.299	2541	2546	2548	rBV4	39222	59032	0.25%	0.107%
28	18.428	2563	2568	2572	rBV4	43790	70702	0.30%	0.128%
29	18.475	2572	2576	2581	rBV6	39129	62745	0.27%	0.114%
30	18.593	2590	2596	2600	rBV	656069	875034	3.73%	1.585%
31	18.628	2600	2602	2606	rVB3	29701	27738	0.12%	0.050%
32	18.675	2606	2610	2613	rBV3	109664	194129	0.83%	0.352%
33	18.763	2618	2625	2633	rBV2	2285616	3433972	14.66%	6.218%
34	18.898	2646	2648	2651	rVV4	32003	35853	0.15%	0.065%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
Data File : BG048255.D
Acq On : 21 Feb 2021 4:13
Operator : CG/JU
Sample : M1415-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH25

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Title : SVOA CALIBRATION

35	18.945	2651	2656	2665	rVB	1780009	2585784	11.04%	4.682%
36	19.022	2665	2669	2671	rBV4	58380	88802	0.38%	0.161%
37	19.051	2671	2674	2675	rVV2	75731	93570	0.40%	0.169%
38	19.086	2675	2680	2686	rVB	3416972	4506719	19.23%	8.161%
39	19.216	2696	2702	2708	rBV2	388440	631584	2.70%	1.144%
40	19.298	2709	2716	2723	rVB7	211549	422932	1.80%	0.766%
41	19.580	2758	2764	2770	rVB	3933579	5092482	21.73%	9.222%
42	19.668	2774	2779	2785	rVV	370211	478352	2.04%	0.866%
43	19.874	2809	2814	2819	rBV	548241	812342	3.47%	1.471%
44	19.968	2826	2830	2837	rBV	221577	381415	1.63%	0.691%
45	20.044	2838	2843	2848	rBV	438314	594166	2.54%	1.076%
46	20.203	2867	2870	2872	rBV4	57149	65456	0.28%	0.119%
47	20.238	2872	2876	2881	rVV	408664	524546	2.24%	0.950%
48	20.320	2881	2890	2895	rVV	14499665	23431672	100.00%	42.431%
49	20.373	2895	2899	2903	rVB7	73153	101274	0.43%	0.183%
50	20.514	2919	2923	2934	rVB3	385183	578928	2.47%	1.048%
51	20.632	2940	2943	2947	rBV	115639	157550	0.67%	0.285%
52	20.820	2966	2975	2980	rBV	363659	591538	2.52%	1.071%
53	21.396	3068	3073	3076	rBV4	170276	333533	1.42%	0.604%
54	21.772	3132	3137	3147	rVB2	476315	859059	3.67%	1.556%
55	22.183	3204	3207	3212	rVB	104640	155474	0.66%	0.282%
56	24.844	3654	3660	3669	rVB2	239991	660032	2.82%	1.195%
57	25.074	3694	3699	3709	rVB2	246036	633471	2.70%	1.147%

Sum of corrected areas: 55222410

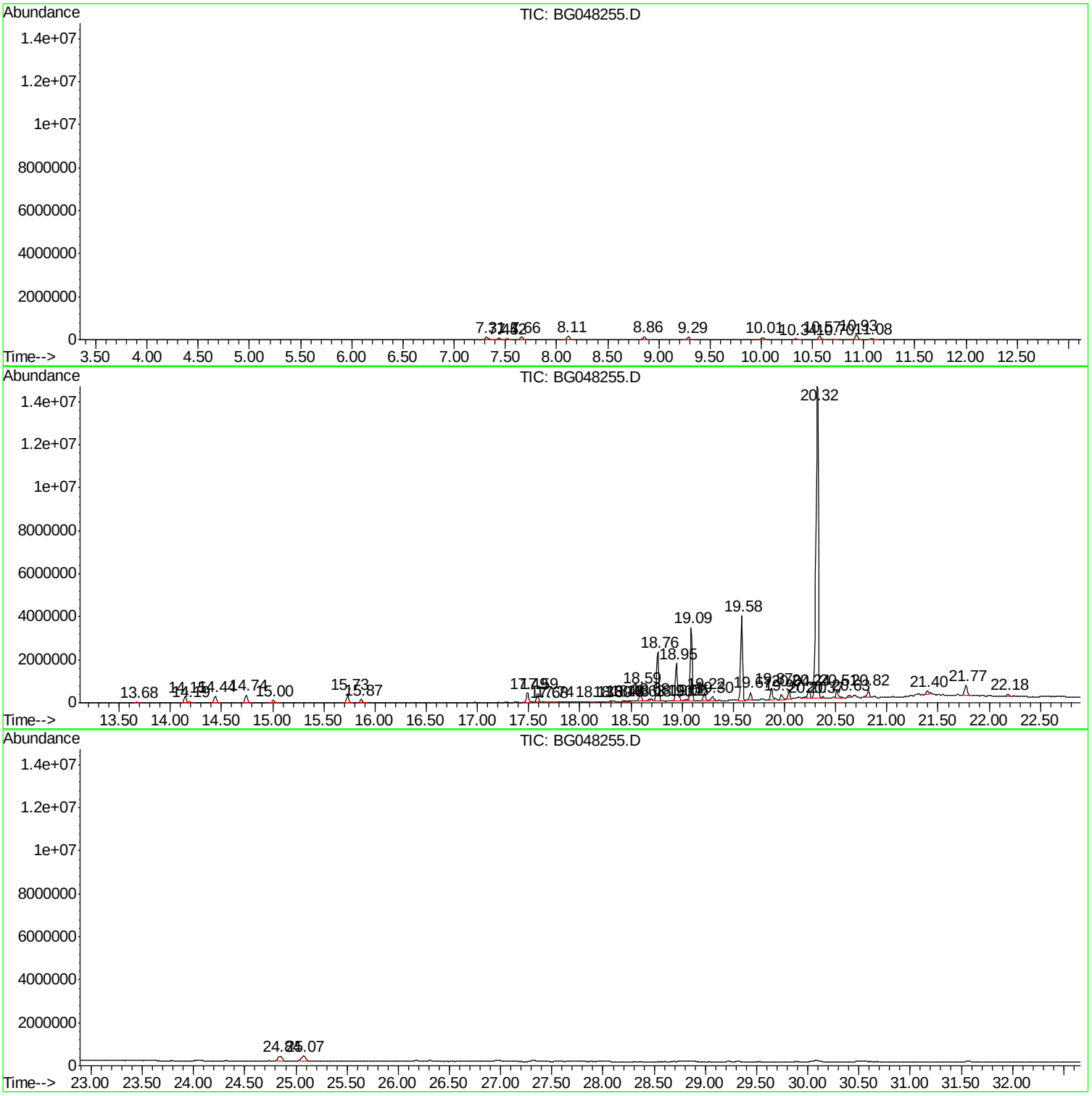
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
Data File : BG048255.D
Acq On : 21 Feb 2021 4:13
Operator : CG/JU
Sample : M1415-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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



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Data File : BG048255.D
Acq On : 21 Feb 2021 4:13
Operator : CG/JU
Sample : M1415-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

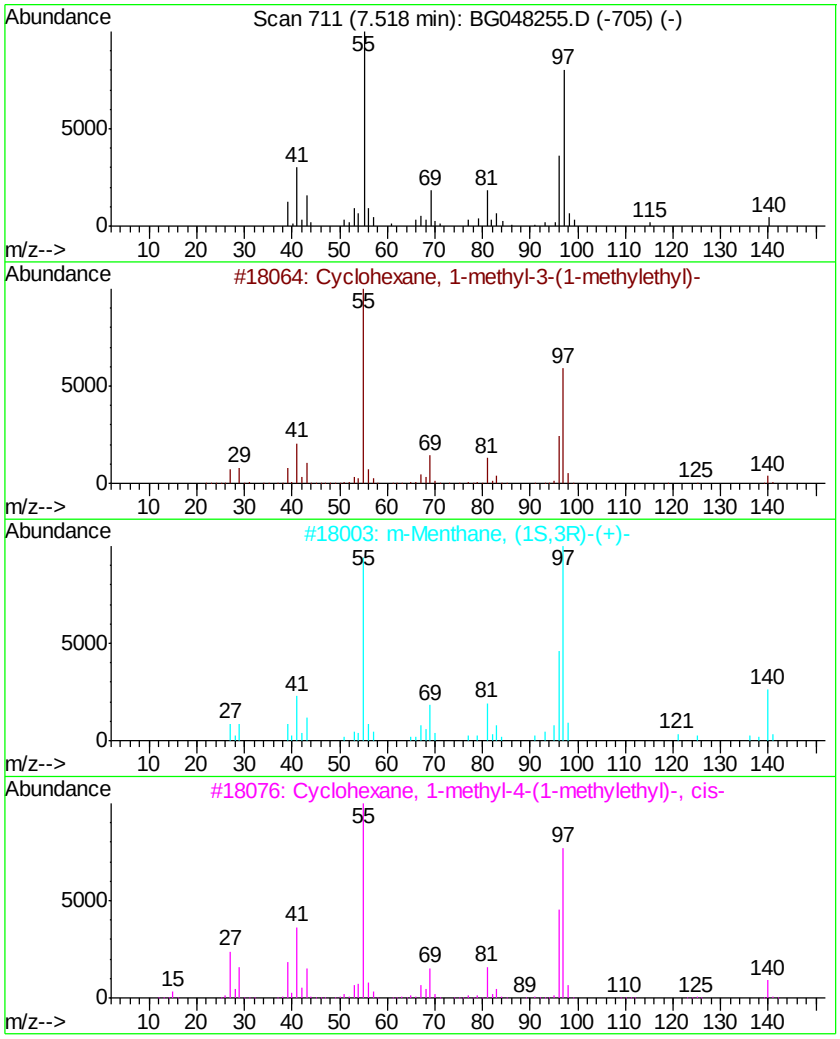
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

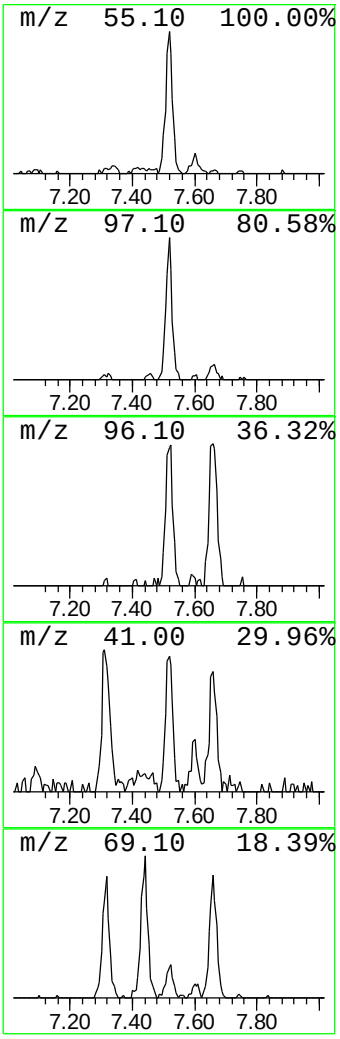
****

Peak Number 1 (DEL) Alkane: Cyclic7.52 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	4.95 ng/ul	69636	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	93
2	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	86
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	78
4	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	74
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
Data File : BG048255.D
Acq On : 21 Feb 2021 4:13
Operator : CG/JU
Sample : M1415-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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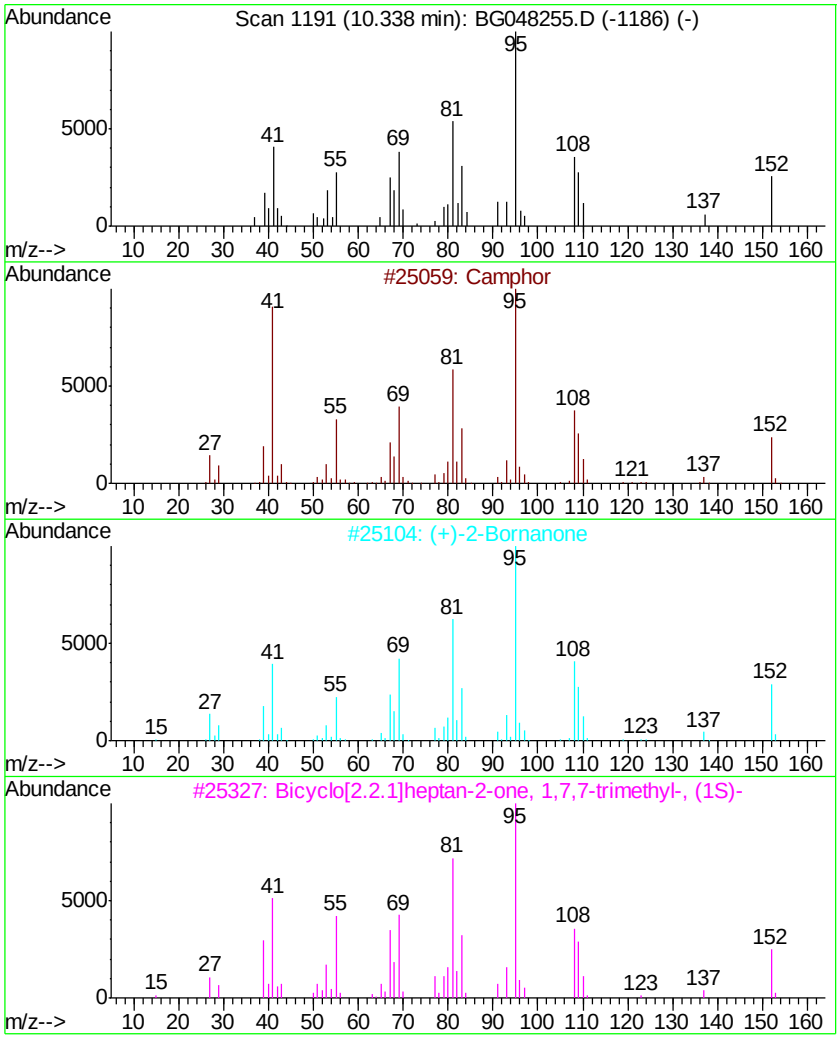
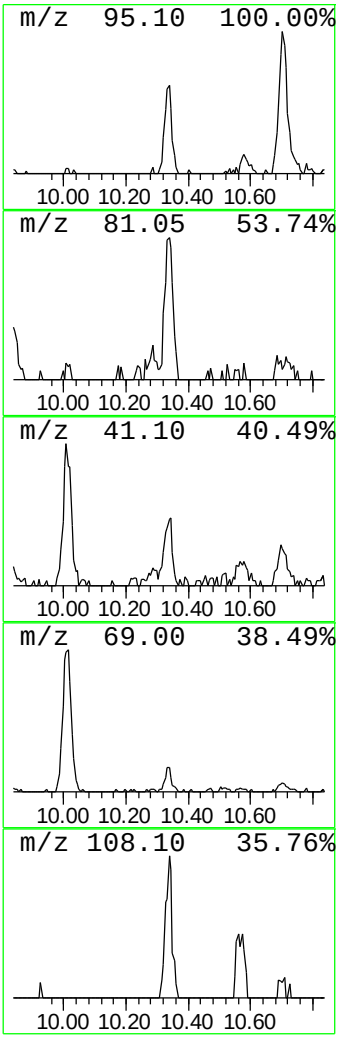
Peak Number 2 Camphor Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	2.64 ng/ul	51874	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	98
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	98
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	97
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
5	Camphor	152	C10H16O	000076-22-2	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
Data File : BG048255.D
Acq On : 21 Feb 2021 4:13
Operator : CG/JU
Sample : M1415-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

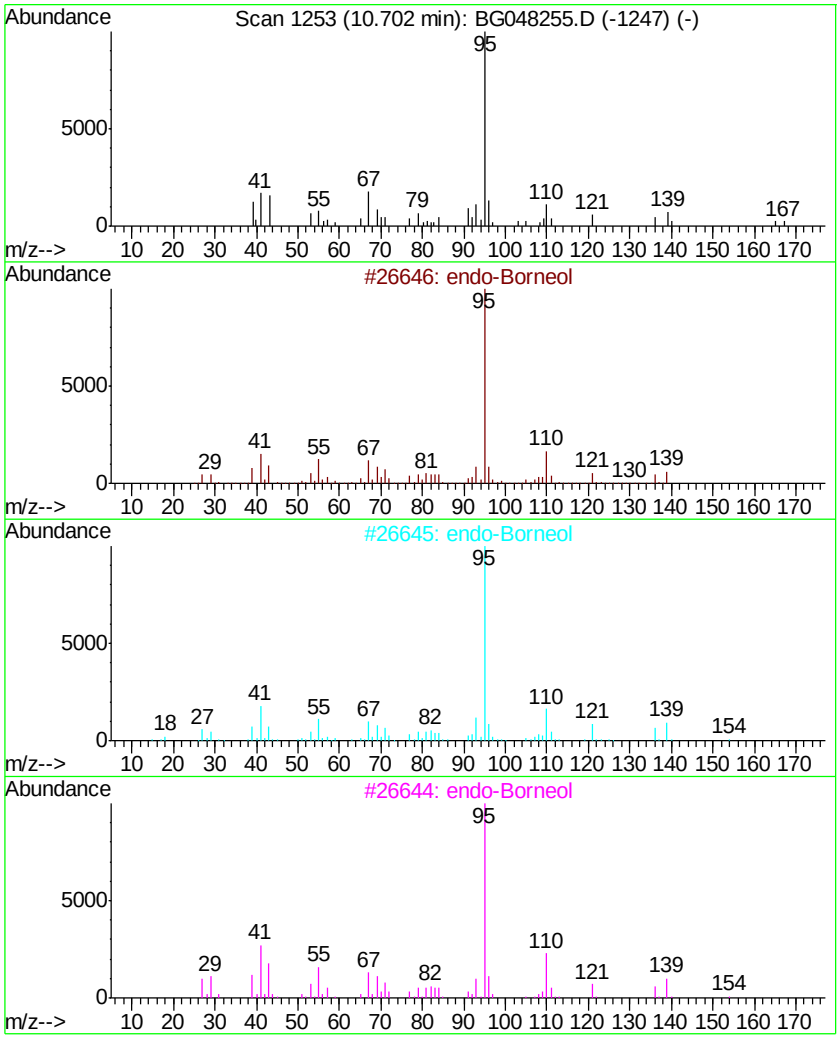
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

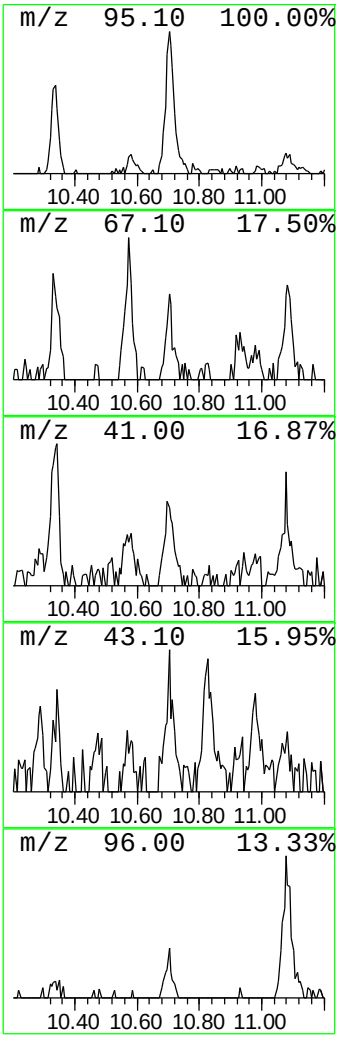
****

Peak Number 3 endo-Borneol Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	2.39 ng/ul	46868	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	endo-Borneol	154	C10H18O	000507-70-0	86
2	endo-Borneol	154	C10H18O	000507-70-0	83
3	endo-Borneol	154	C10H18O	000507-70-0	78
4	endo-Borneol	154	C10H18O	000507-70-0	78
5	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
Data File : BG048255.D
Acq On : 21 Feb 2021 4:13
Operator : CG/JU
Sample : M1415-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

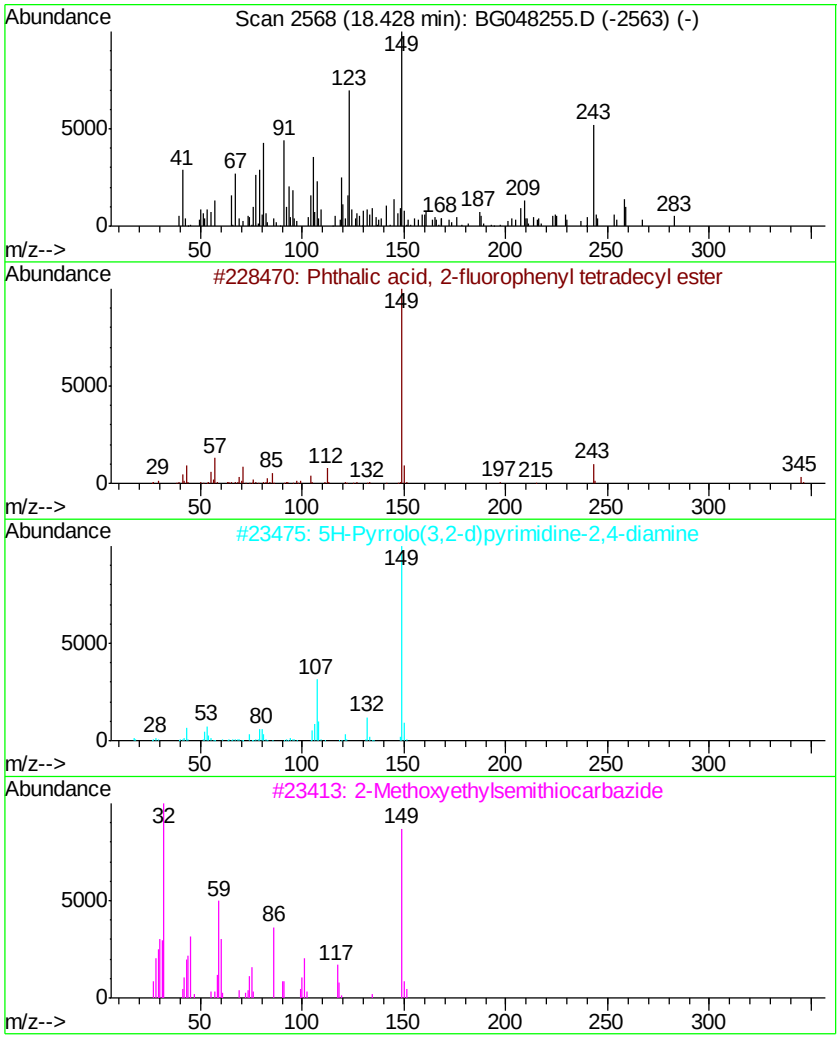
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

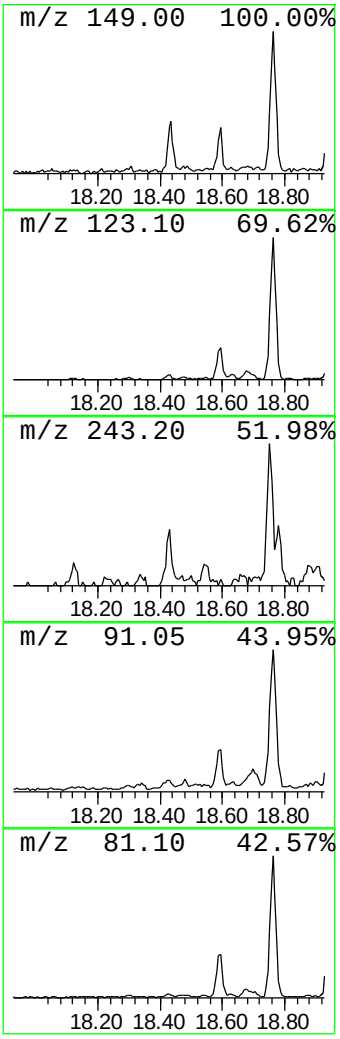
****

Peak Number 4 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.08 ng/ul	70702	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-fluorophenyl te...	456	C28H37FO4	1000356-50-3	35
2	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	30
3	2-Methoxyethylsemithiocarbazide	149	C4H11N3OS	006926-54-1	25
4	[1,3,4]-Thiadiazolo[3,2-a]pyrimi...	258	C12H10N4OS	294878-29-8	25
5	Phthalic acid, butyl oct-3-yl ester	334	C20H30O4	1000377-71-3	22





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Data File : BG048255.D
Acq On : 21 Feb 2021 4:13
Operator : CG/JU
Sample : M1415-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

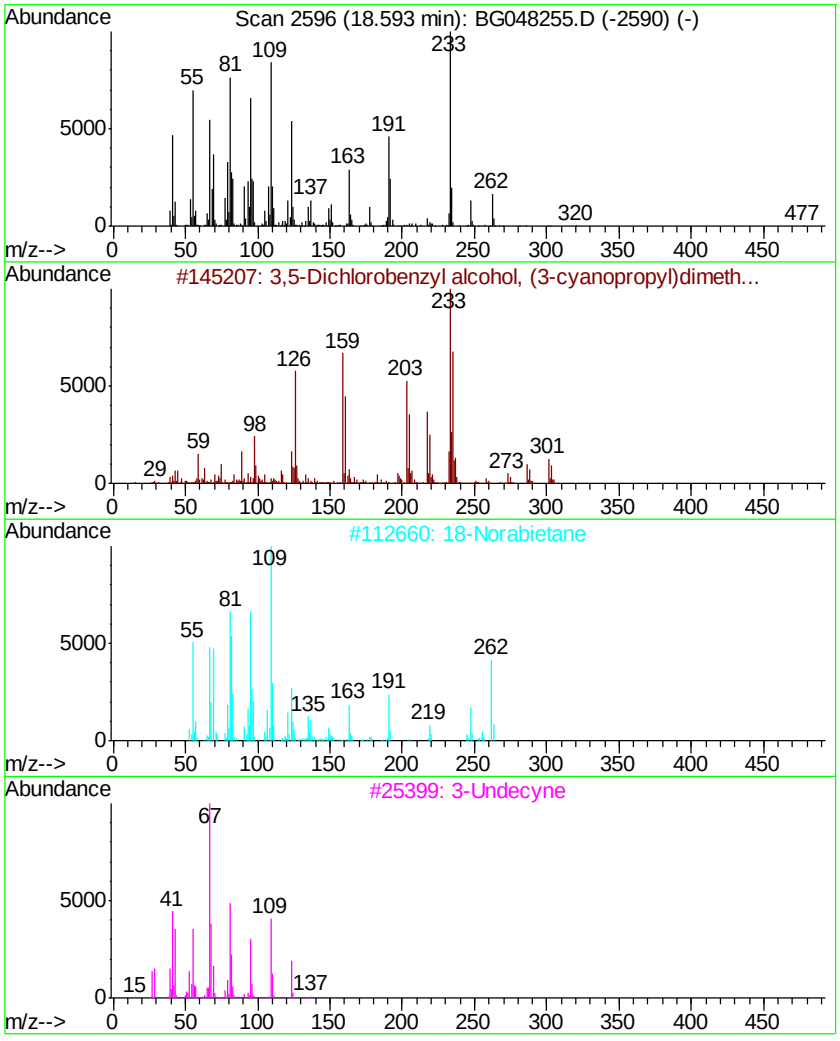
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

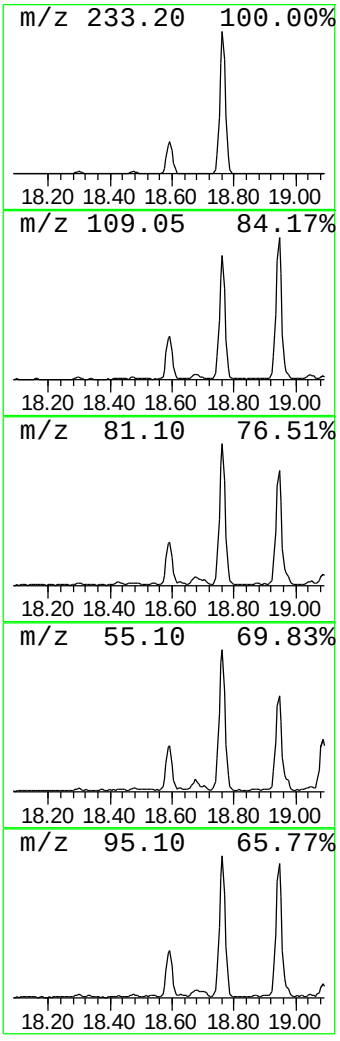
****

Peak Number 5 3,5-Dichlorobenzyl alcohol,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	25.78 ng/ul	875034	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dichlorobenzyl alcohol, (3-c...	301	C13H17Cl2NOSi	1000376-10-3	56
2	18-Norabietane	262	C19H34	1000293-16-6	43
3	3-Undecyne	152	C11H20	060212-30-8	25
4	5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	15
5	Cyclohexane, ethenyl-	110	C8H14	000695-12-5	15





Library Search Compound Report

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Data File : BG048255.D
Acq On : 21 Feb 2021 4:13
Operator : CG/JU
Sample : M1415-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

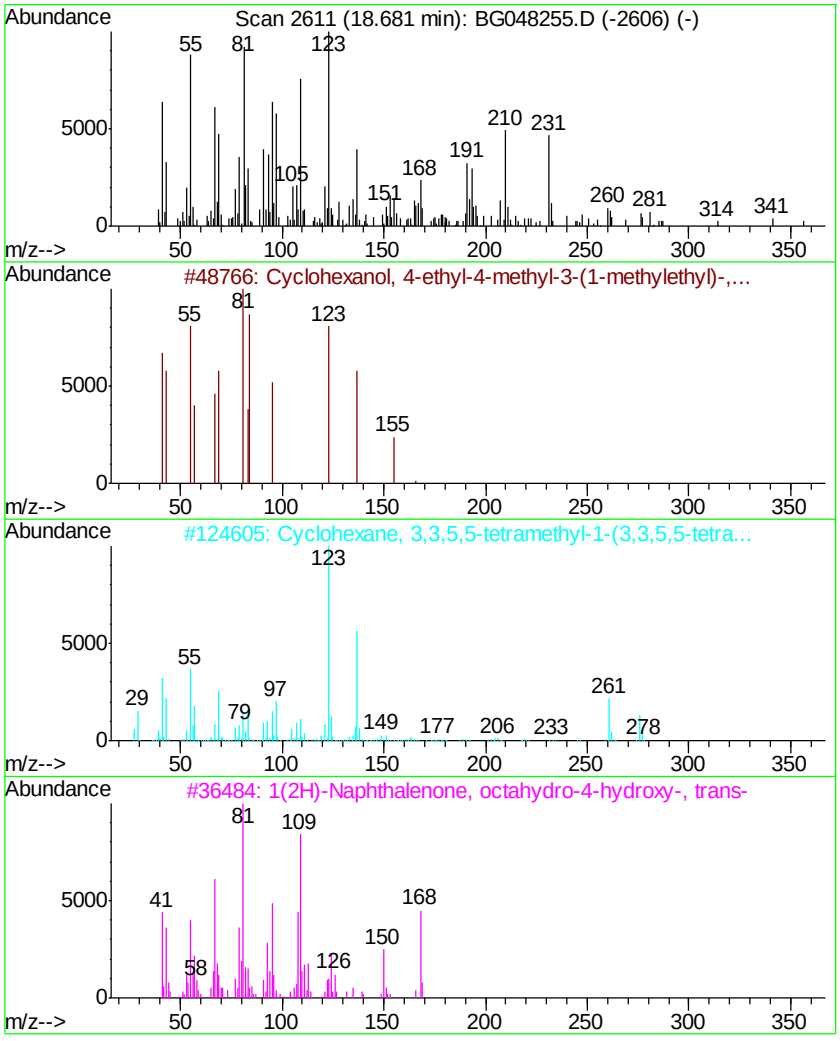
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

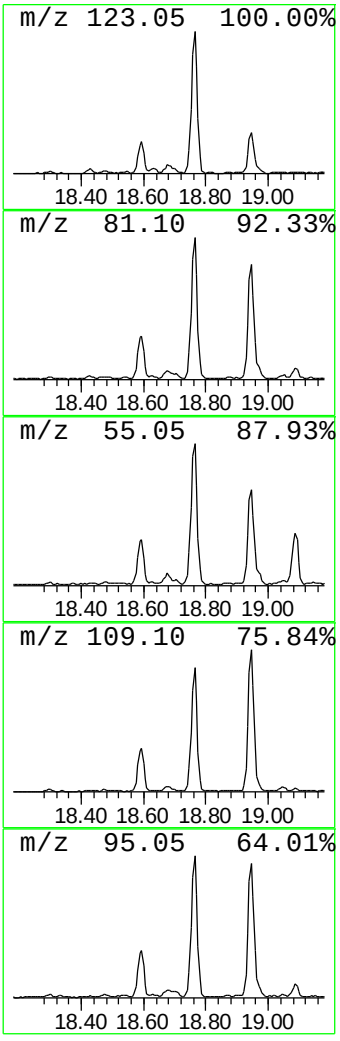
****

Peak Number 6 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	5.72 ng/ul	194129	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 4-ethyl-4-methyl-3...	184	C12H24O	055869-52-8	47
2	Cyclohexane, 3,3,5,5-tetramethyl...	276	C20H36	1000157-88-6	41
3	1(2H)-Naphthalenone, octahydro-4...	168	C10H16O2	021766-50-7	38
4	5,9,13-Pentadecatrien-2-one, 6,1...	262	C18H30O	001117-52-8	35
5	Dispiro[2.2.5.0]undecan-4-one, 5...	220	C15H24O	1000152-13-8	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
Data File : BG048255.D
Acq On : 21 Feb 2021 4:13
Operator : CG/JU
Sample : M1415-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

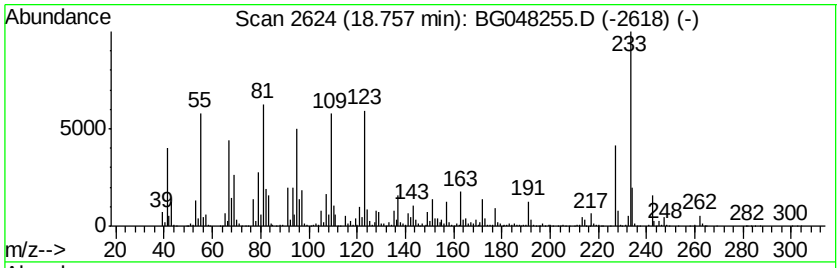
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

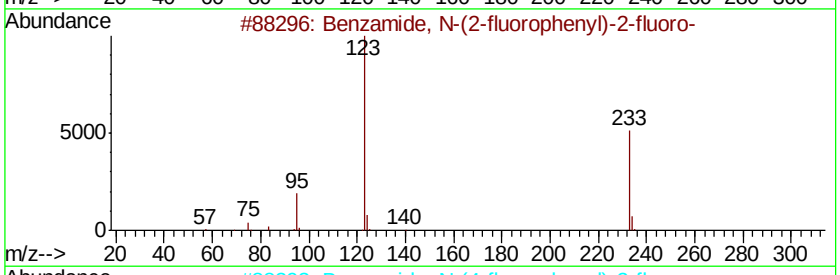
****

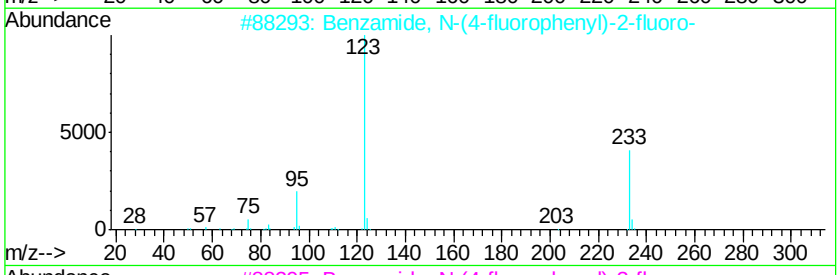
Peak Number 7 unknown-03 Concentration Rank 4

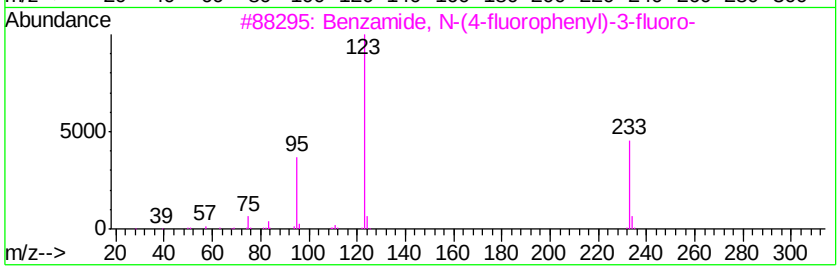
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	101.19 ng/ul	3433970	Phenanthrene-d10	17.49

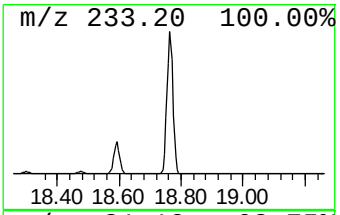
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-(2-fluorophenyl)-2-...	233	C13H9F2NO	1000308-09-1	49
2	Benzamide, N-(4-fluorophenyl)-2-...	233	C13H9F2NO	1000307-07-9	47
3	Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1000307-16-3	47
4	photocitral A	152	C10H16O	055253-28-6	35
5	Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	35

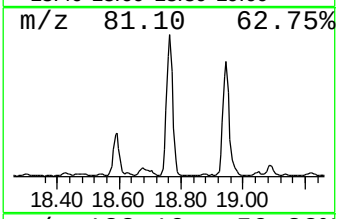


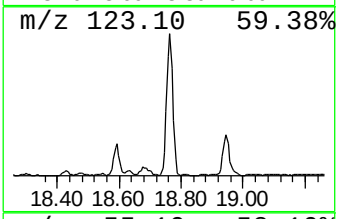


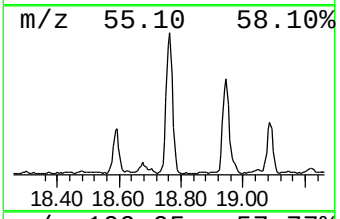


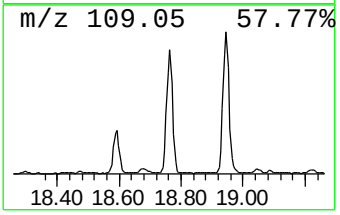












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Acq On : 21 Feb 2021 4:13
Operator : CG/JU
Sample : M1415-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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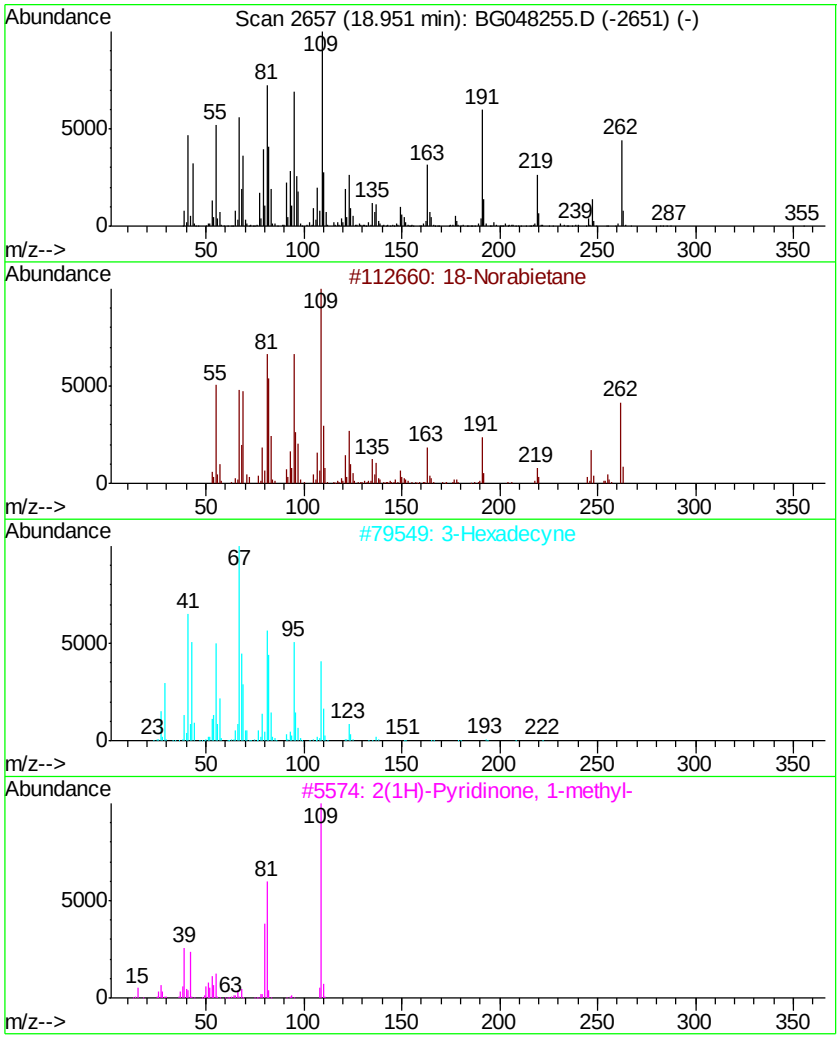
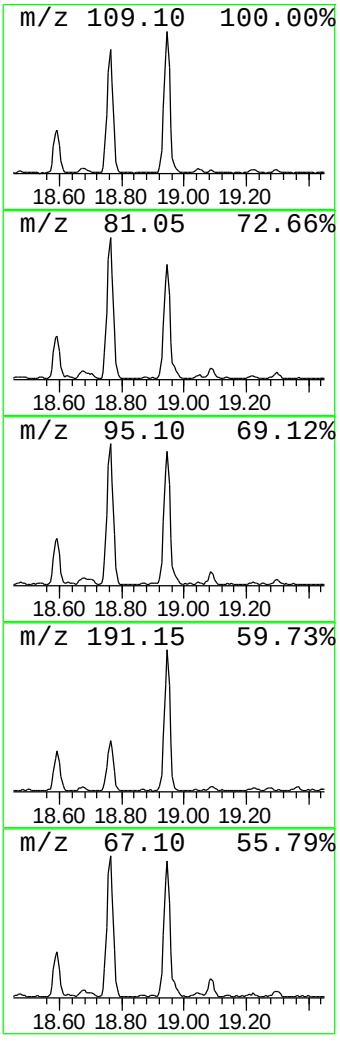
Peak Number 8 18-Norabietane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	76.19 ng/ul	2585780	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	70
2	3-Hexadecyne	222	C16H30	061886-62-2	38
3	2(1H)-Pyridinone, 1-methyl-	109	C6H7NO	000694-85-9	35
4	7-Heptadecyne, 17-chloro-	270	C17H31Cl	056554-75-7	27
5	9-Tetradecen-1-ol, acetate, (E)-	254	C16H30O2	023192-82-7	27





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Misc :
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Instrument : BNA_G
ClientSampleId : DBH25

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Quant Title : SVOA CALIBRATION

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

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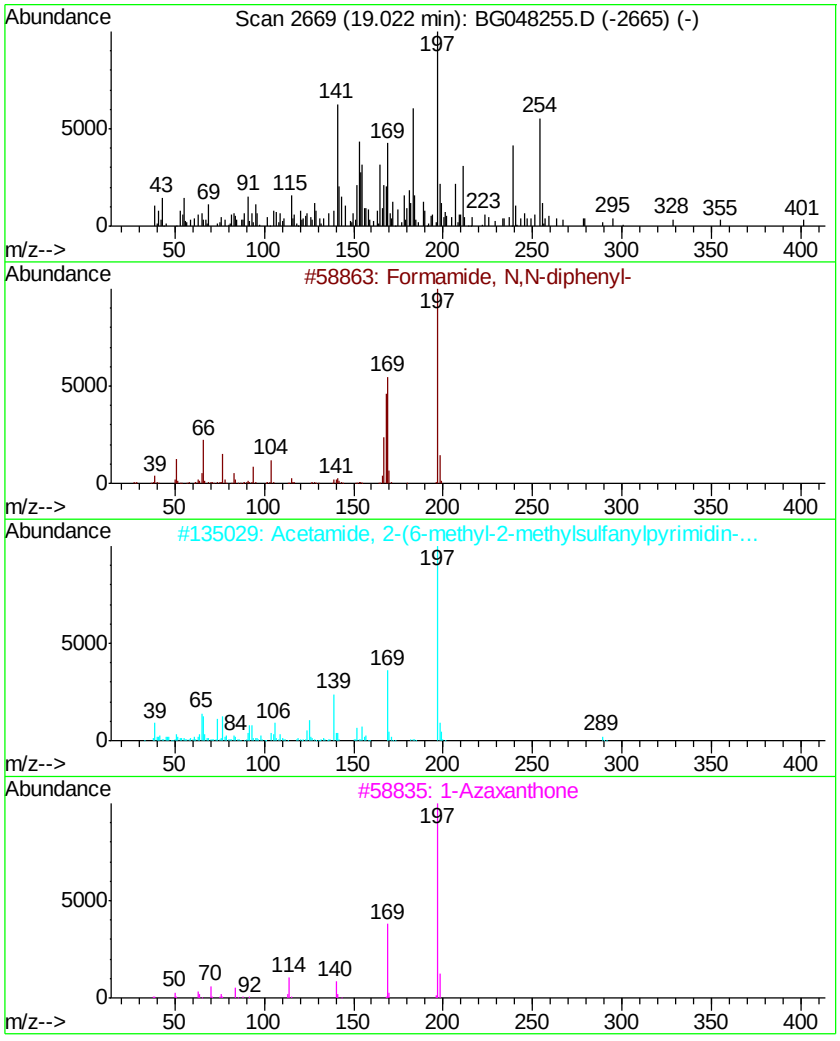
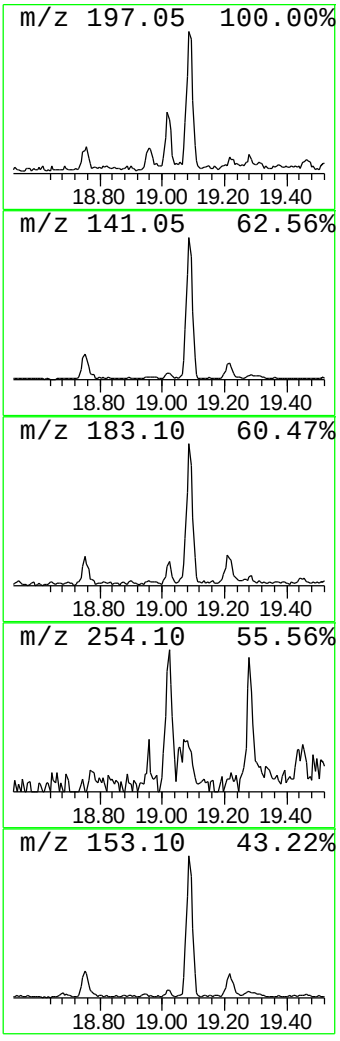
Peak Number 9 unknown-04 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	2.62 ng/ul	88802	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N,N-diphenyl-	197	C13H11NO	000607-00-1	22
2	Acetamide, 2-(6-methyl-2-methyls...	289	C14H15N3O2S	1000316-17-7	22
3	1-Azaxanthone	197	C12H7NO2	006537-46-8	22
4	9-Acridinamine, 2-(1,1-dimethyle...	254	C17H22N2	1000318-93-9	18
5	3,4-Dihydro-3,3,9-trimethyl-1(2H...	239	C16H17NO	1000213-22-0	18





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ClientSampleId : DBH25

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Quant Title : SVOA CALIBRATION

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

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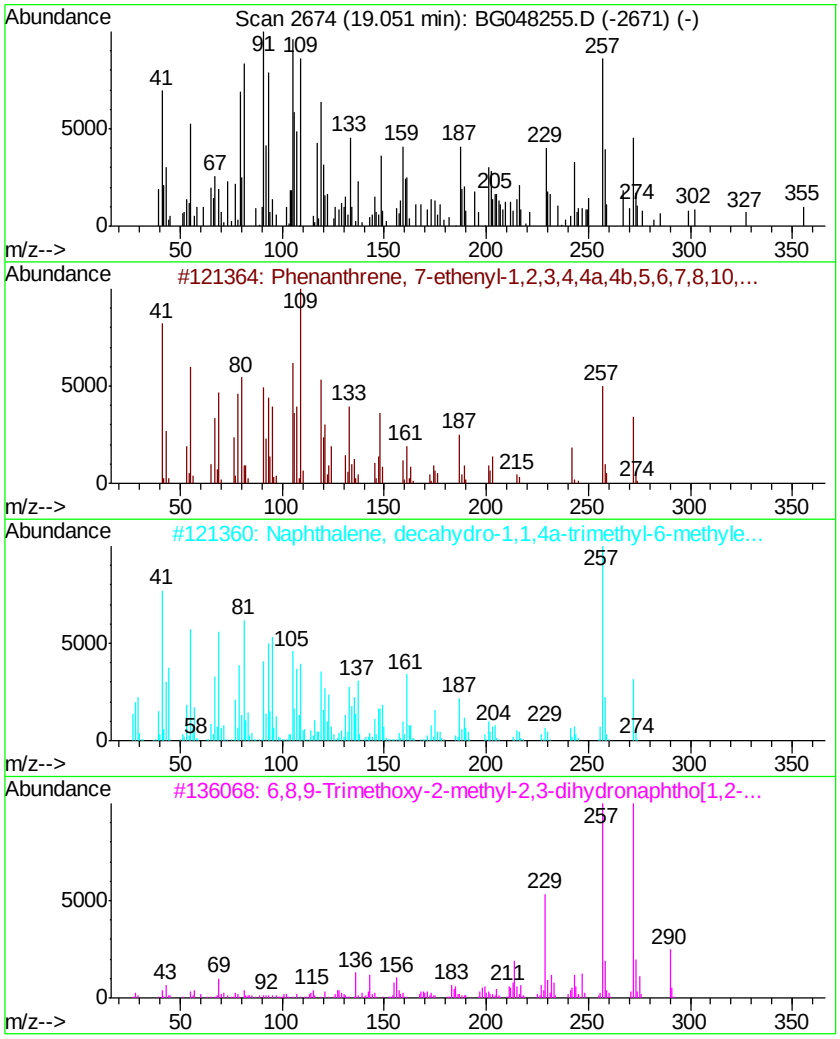
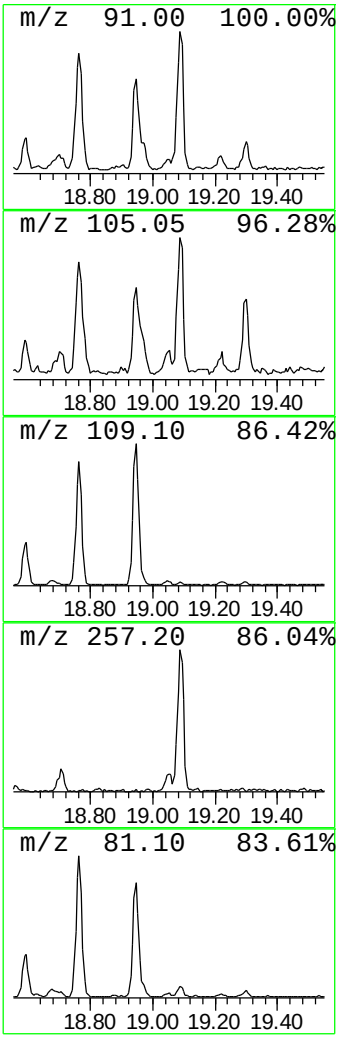
Peak Number 10 unknown-05 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	2.76 ng/ul	93570	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 7-ethenyl-1,2,3,4,...	272	C20H32	001686-66-4	46
2	Naphthalene, decahydro-1,1,4a-tr...	272	C20H32	005957-33-5	41
3	6,8,9-Trimethoxy-2-methyl-2,3-di...	290	C16H18O5	1000195-16-7	22
4	.alpha.-(Trifluoromethyl)benzyl ...	272	C10H6F6O2	1000365-05-4	18
5	Silane, dimethyl(3-methylbut-2-e...	272	C15H32O2Si	1000347-96-8	16





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Quant Title : SVOA CALIBRATION

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

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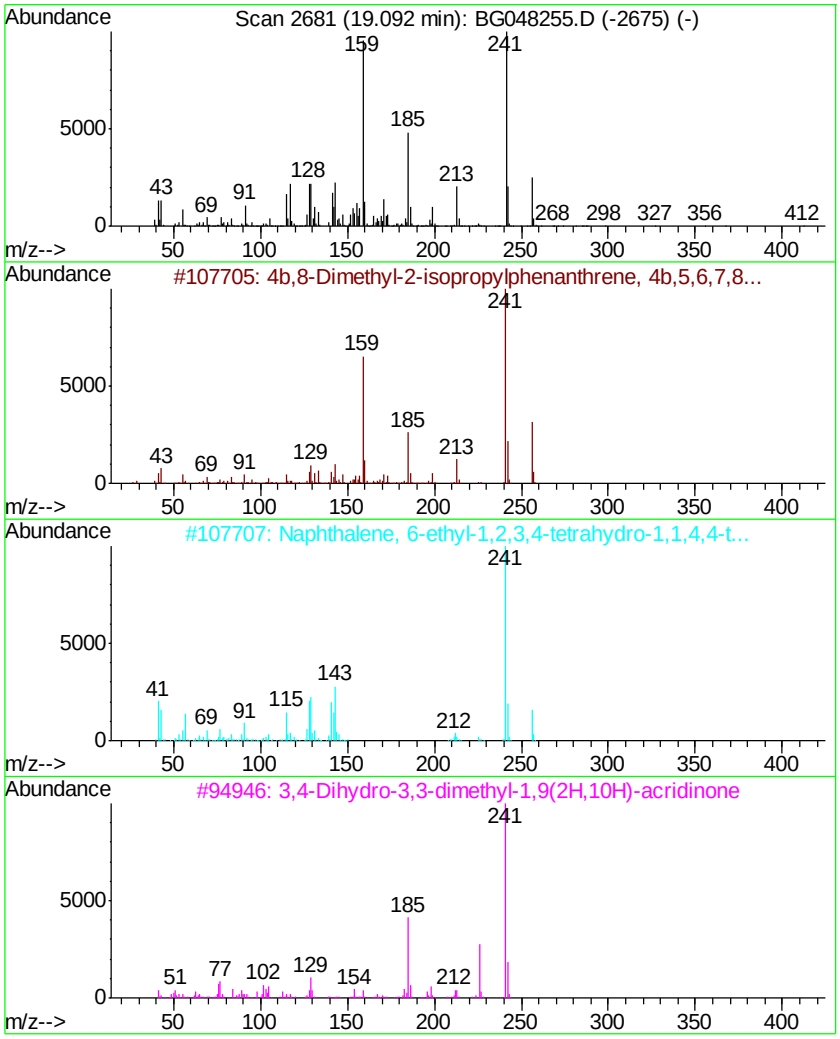
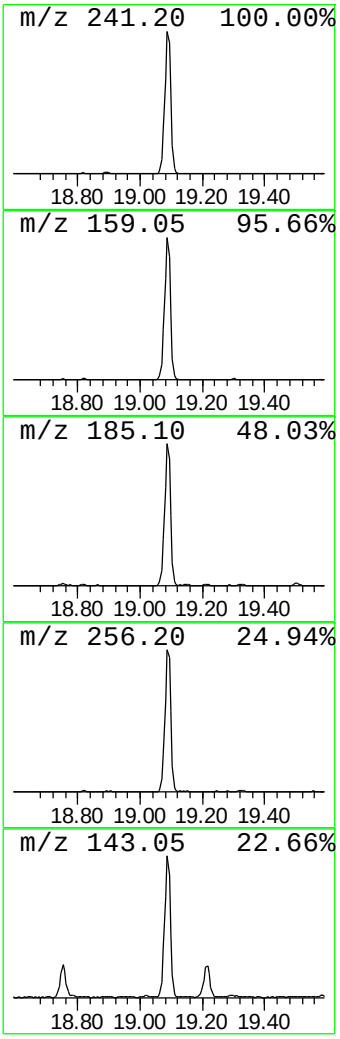
Peak Number 11 4b,8-Dimethyl-2-isopropylph... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	132.80 ng/ul	4506720	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	95
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	45
3	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	43
4	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	38
5	1H-Benz[de]isoquinoline-1,3(2H)-...	241	C14H11NO3	055133-82-9	25





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Sample : M1415-11
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Quant Title : SVOA CALIBRATION

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

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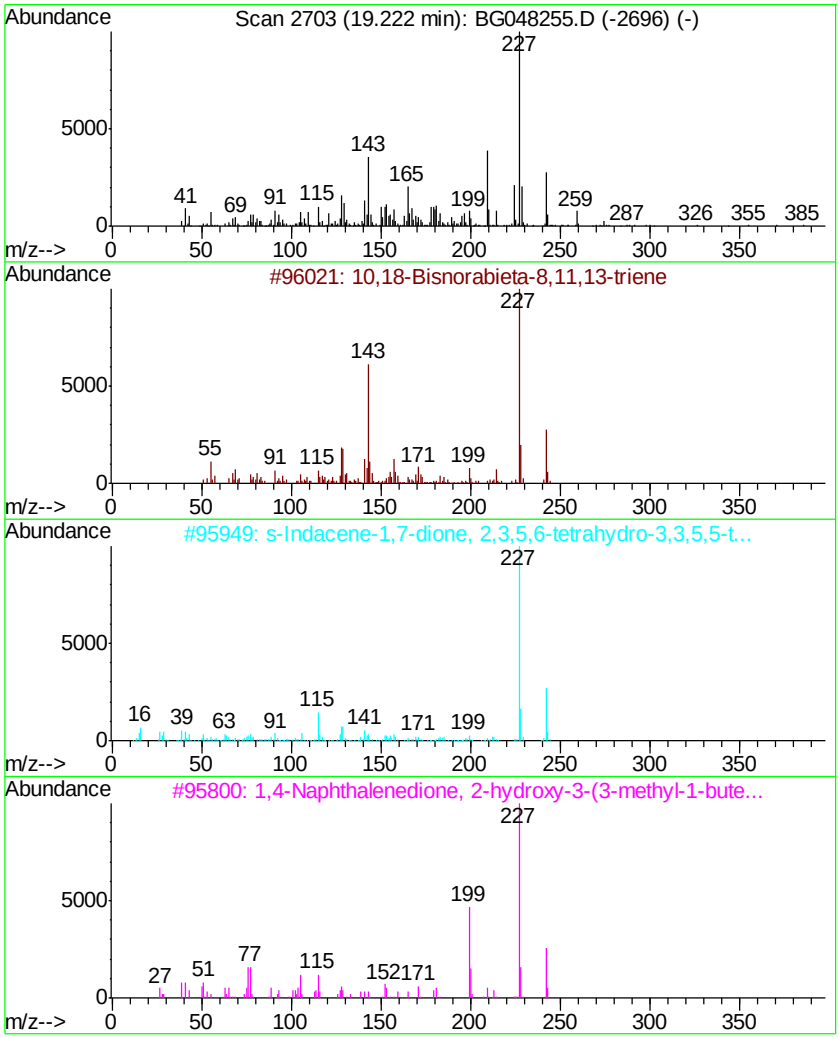
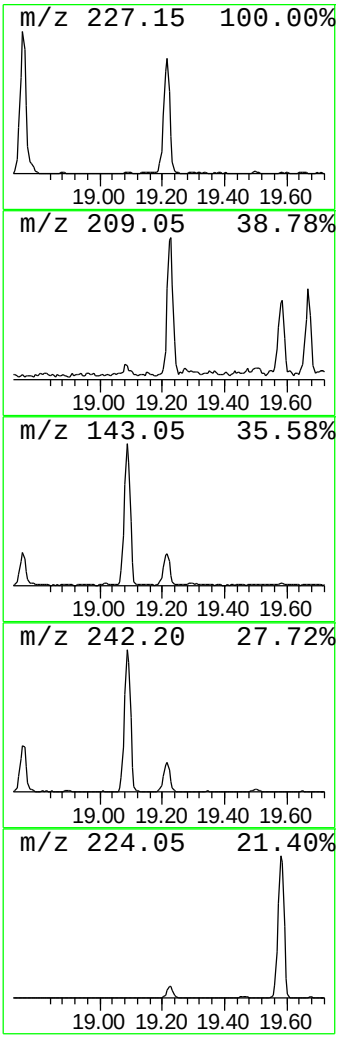
Peak Number 12 10,18-Bisnorabieta-8,11,13-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	18.61 ng/ul	631584	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	90
2	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	64
3	1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	004042-39-1	53
4	Lapachol	242	C15H14O3	000084-79-7	49
5	S-Indacene, 1,2,3,5,6,7-hexahydr...	242	C18H26	017465-58-6	47





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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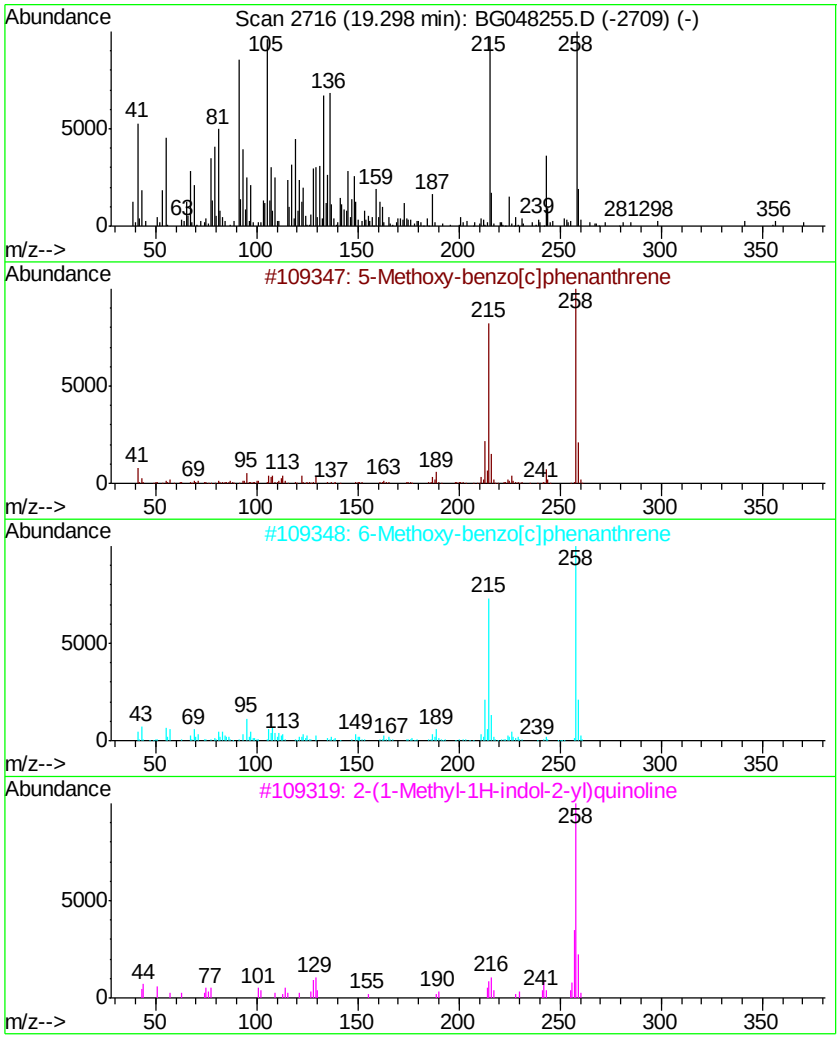
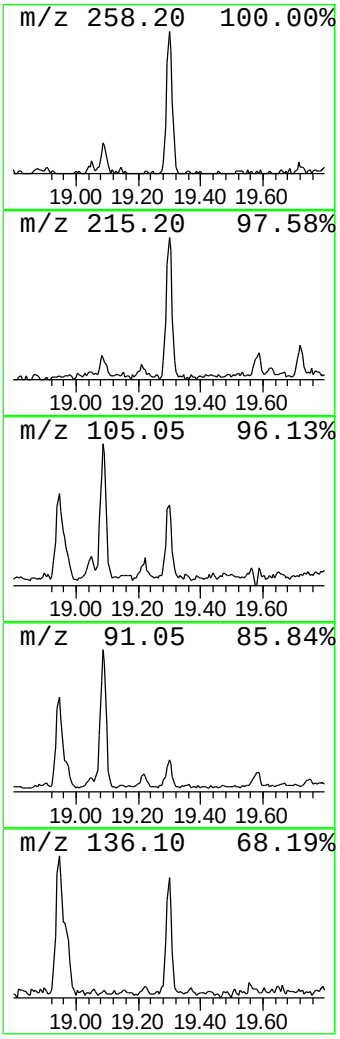
Peak Number 13 unknown-06 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	12.46 ng/ul	422932	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methoxy-benzo[c]phenanthrene	258	C19H14O	004235-03-4	49
2	6-Methoxy-benzo[c]phenanthrene	258	C19H14O	004176-37-8	45
3	2-(1-Methyl-1H-indol-2-yl)quinoline	258	C18H14N2	1000326-83-6	27
4	1H,4H,4'H,8H,8'H-3,1-Benzothiazi...	258	C15H18N2S	1000139-29-7	25
5	Furo[2,3-b]pyrazine-2,3-dicarbon...	258	C13H14N4O2	1000337-95-8	22





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Sample : M1415-11
Misc :
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ClientSampleId : DBH25

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Quant Title : SVOA CALIBRATION

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

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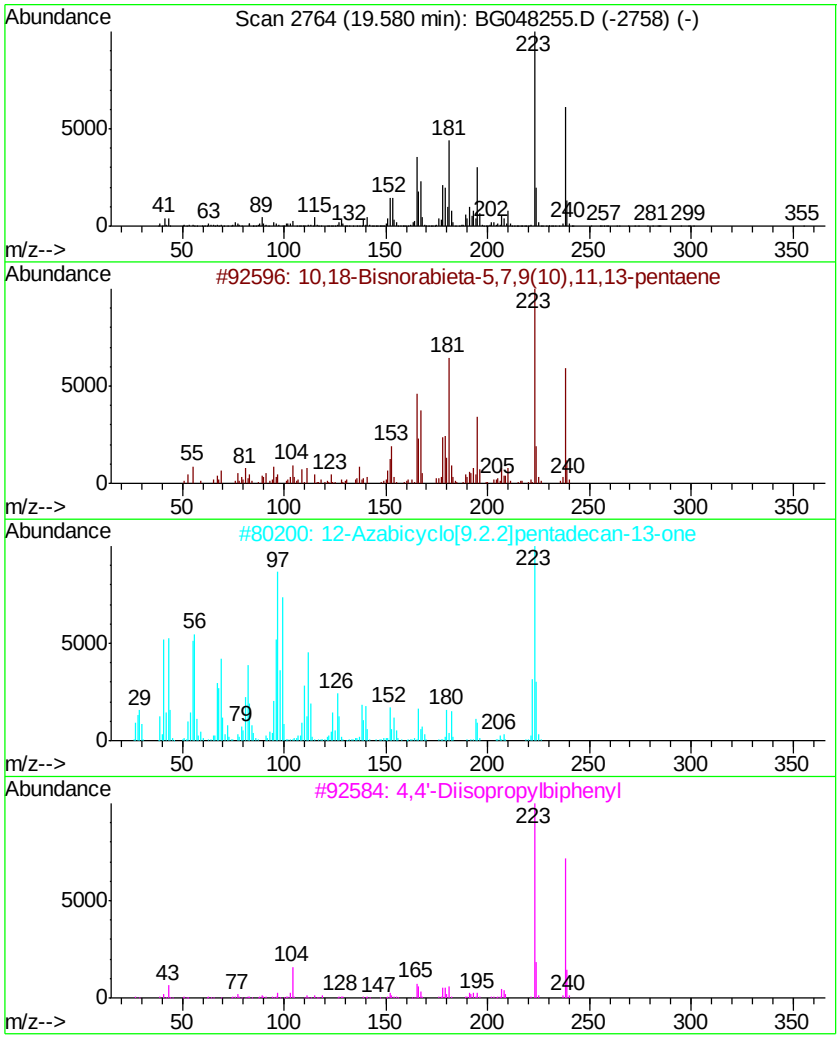
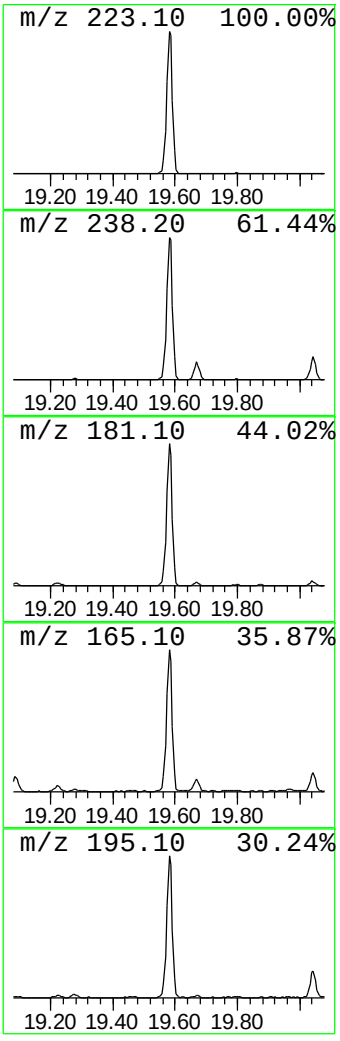
Peak Number 14 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	150.06 ng/ul	5092480	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	70
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
4	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	46
5	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	46





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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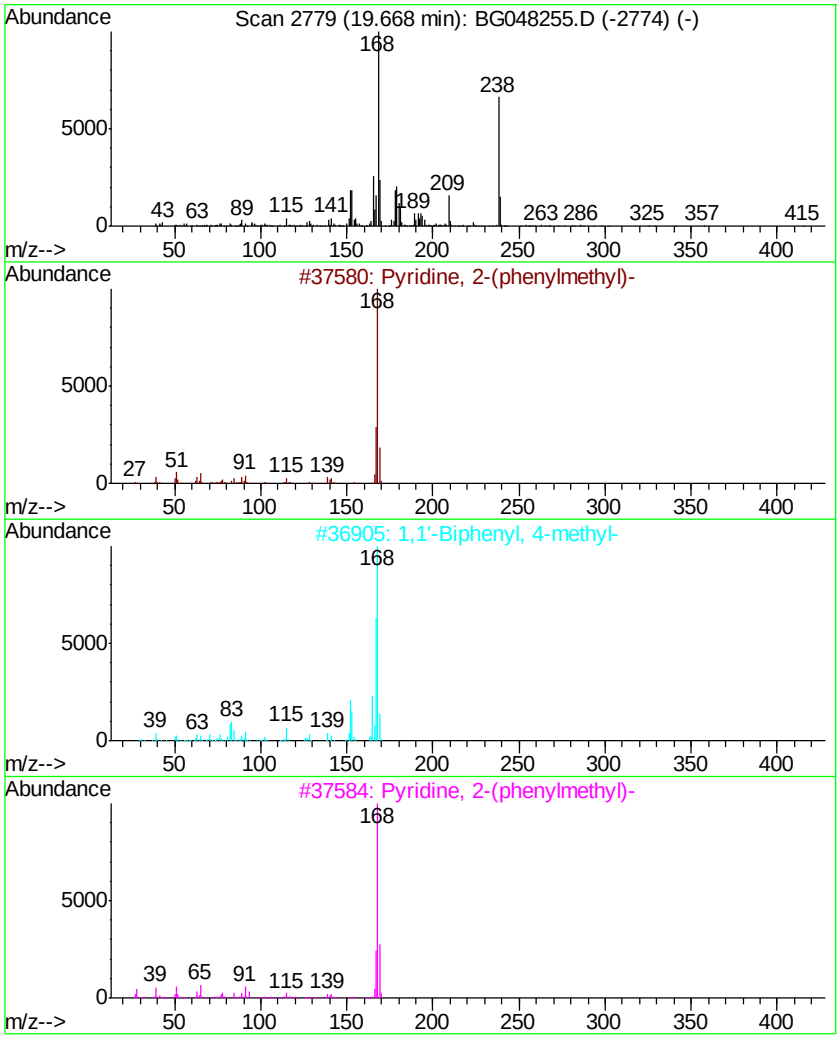
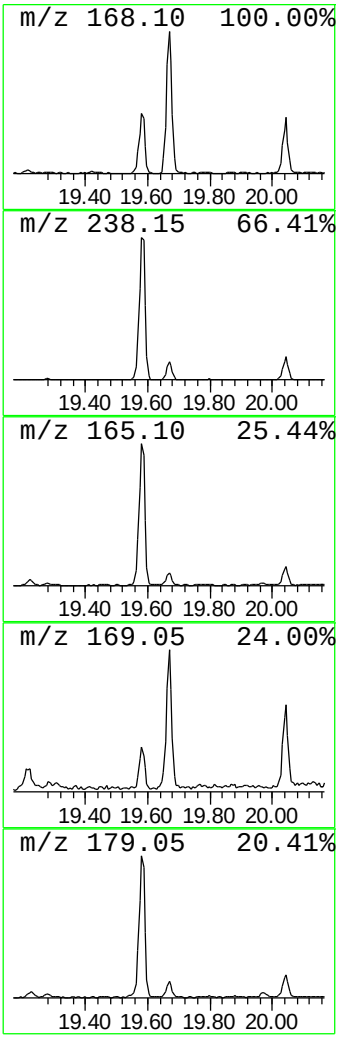
Peak Number 15 unknown-07 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	11.14 ng/ul	478352	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	38
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	38
3	Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	38
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38
5	Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	35





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Quant Title : SVOA CALIBRATION

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

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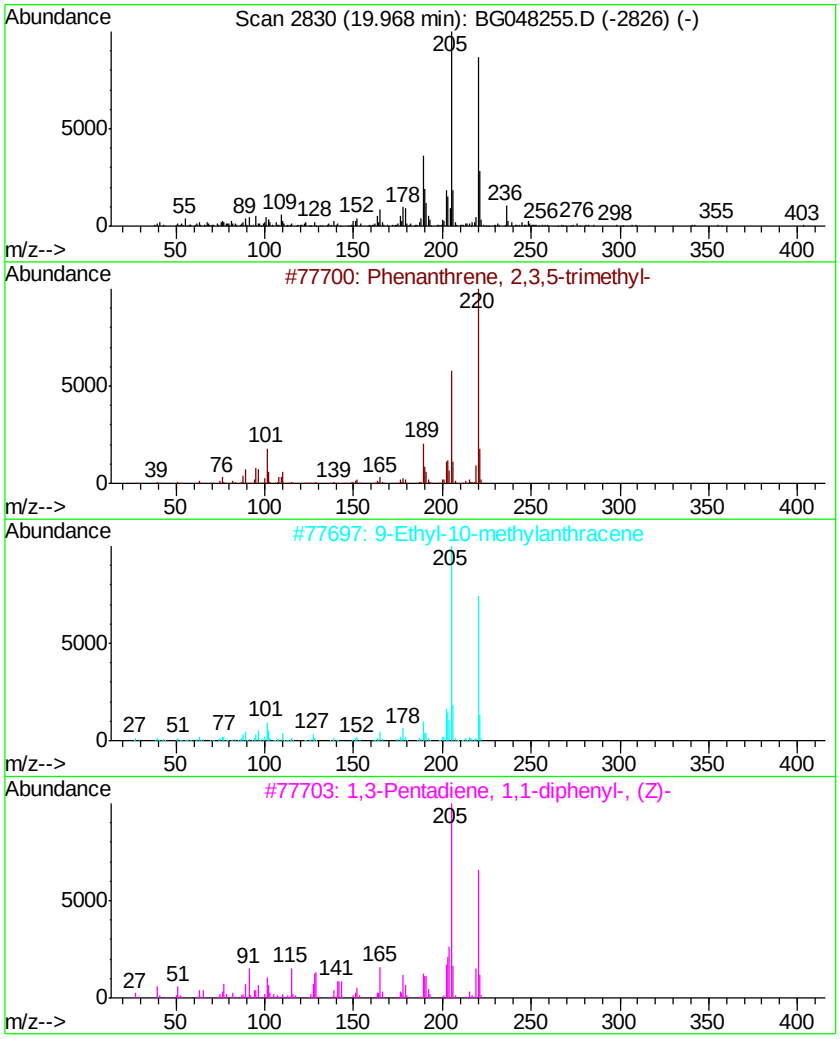
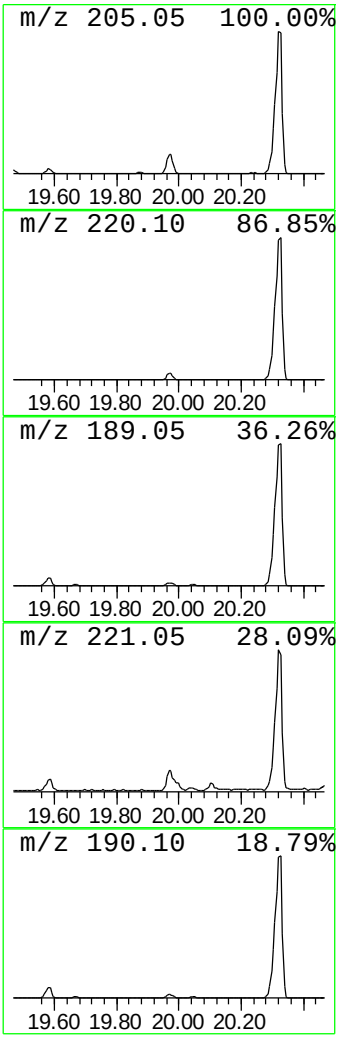
Peak Number 16 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	8.88 ng/ul	381415	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	93
2	9-Ethyl-10-methylanthracene	220	C17H16	019713-49-6	87
3	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	81
4	Anthracene, 9-(1-methylethyl)-	220	C17H16	001498-80-2	64
5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	58





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ClientSampleId : DBH25

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Quant Title : SVOA CALIBRATION

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

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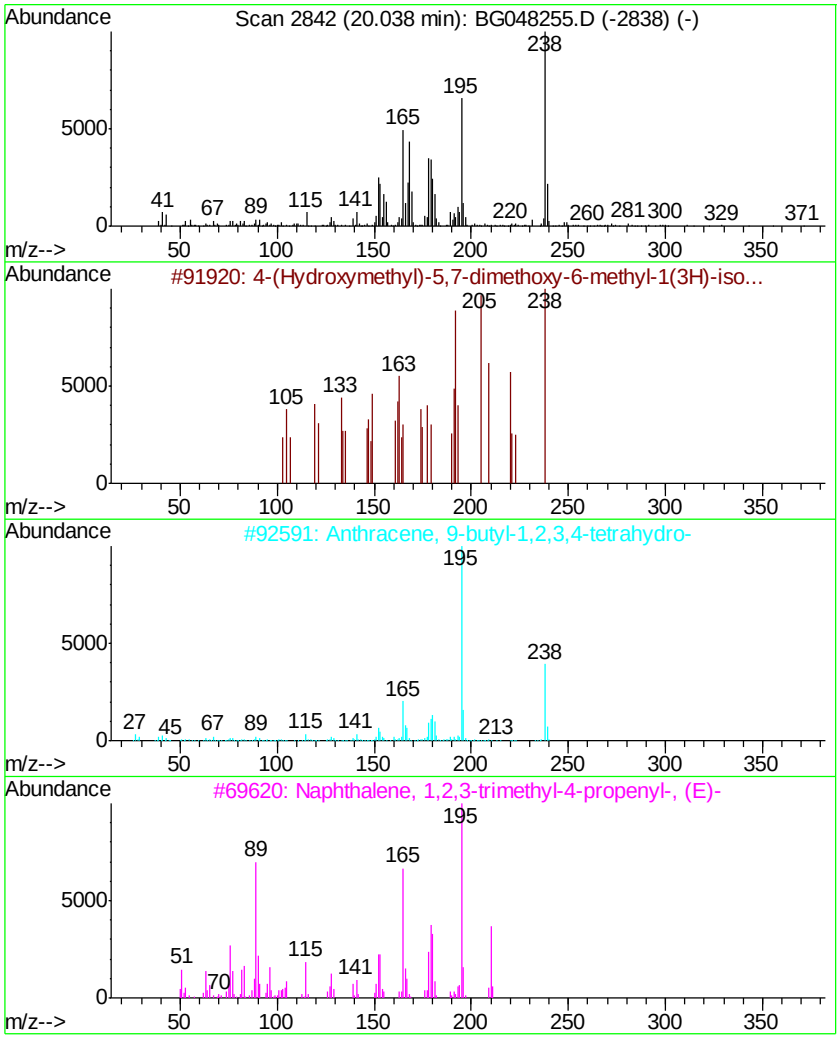
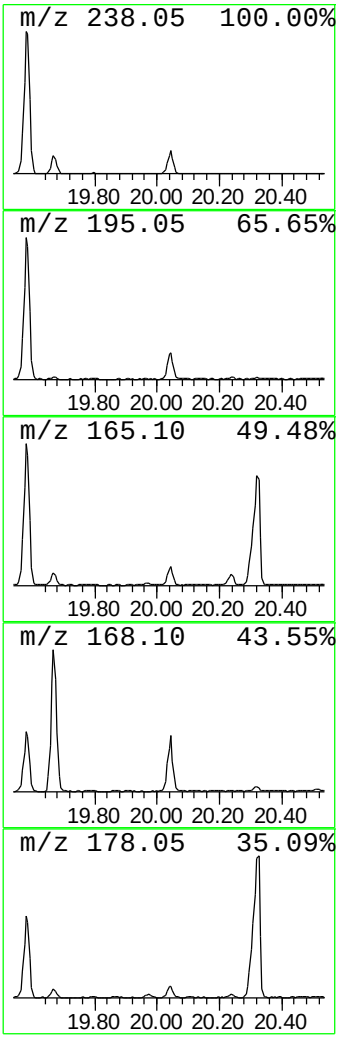
Peak Number 17 4-(Hydroxymethyl)-5,7-dimet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	13.83 ng/ul	594166	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(Hydroxymethyl)-5,7-dimethoxy-...	238	C12H14O5	098567-45-4	64
2	Anthracene, 9-butyl-1,2,3,4-tetr...	238	C18H22	1000151-39-2	60
3	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	38
4	2-Benzimidazolinone, 5-methyl-1-...	238	C15H14N2O	028643-57-4	27
5	Fluorenone oxime	195	C13H9NO	002157-52-0	25





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Data File : BG048255.D
Acq On : 21 Feb 2021 4:13
Operator : CG/JU
Sample : M1415-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

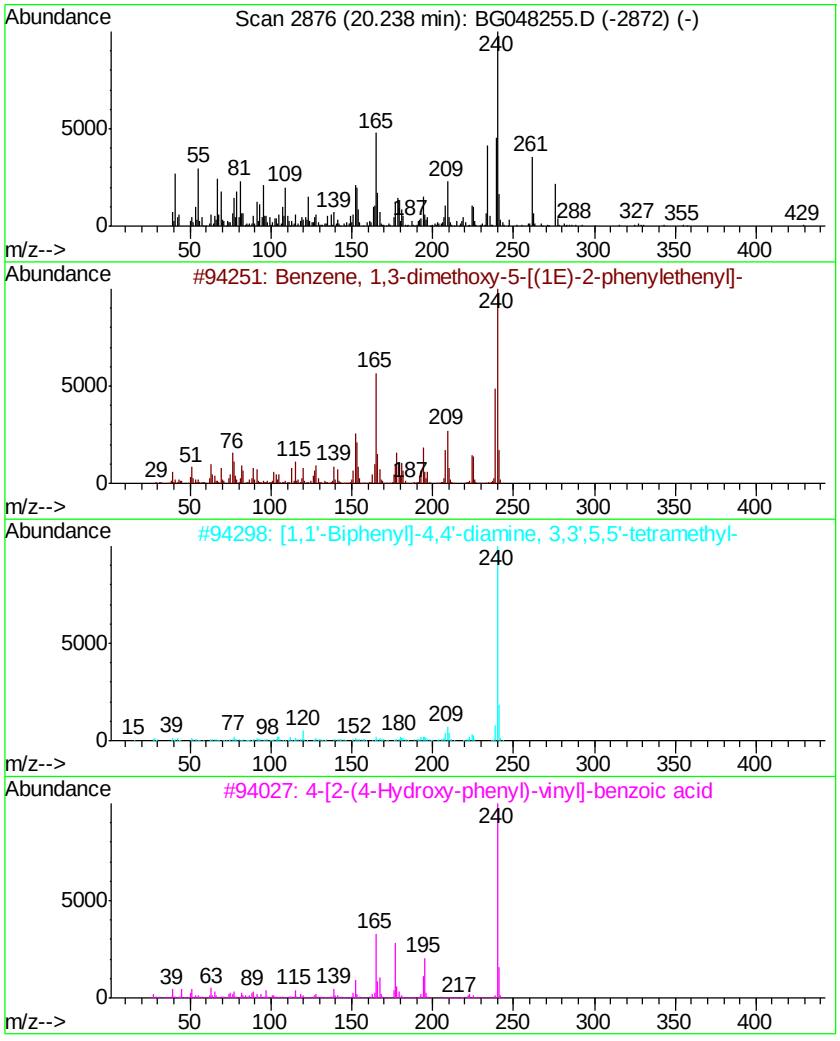
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

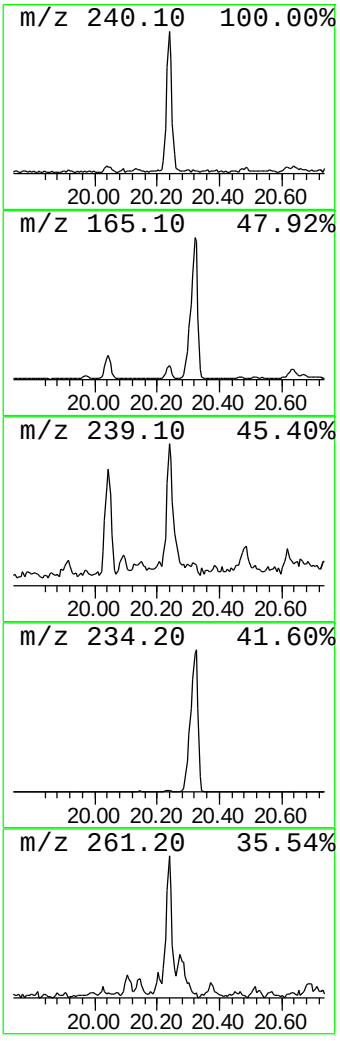
****

Peak Number 18 Benzene, 1,3-dimethoxy-5-[(... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	12.21 ng/ul	524546	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethoxy-5-[(1E)-2...	240	C16H16O2	021956-56-9	99
2	[1,1'-Biphenyl]-4,4'-diamine, 3,...	240	C16H20N2	054827-17-7	60
3	4-[2-(4-Hydroxy-phenyl)-vinyl]-b...	240	C15H12O3	152027-61-7	46
4	9H-Carbazole, 9-ethyl-3-nitro-	240	C14H12N2O2	000086-20-4	35
5	9,10-Anthracenedione, 1,4-diamin...	240	C14H12N2O2	000081-63-0	30





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Data File : BG048255.D
Acq On : 21 Feb 2021 4:13
Operator : CG/JU
Sample : M1415-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

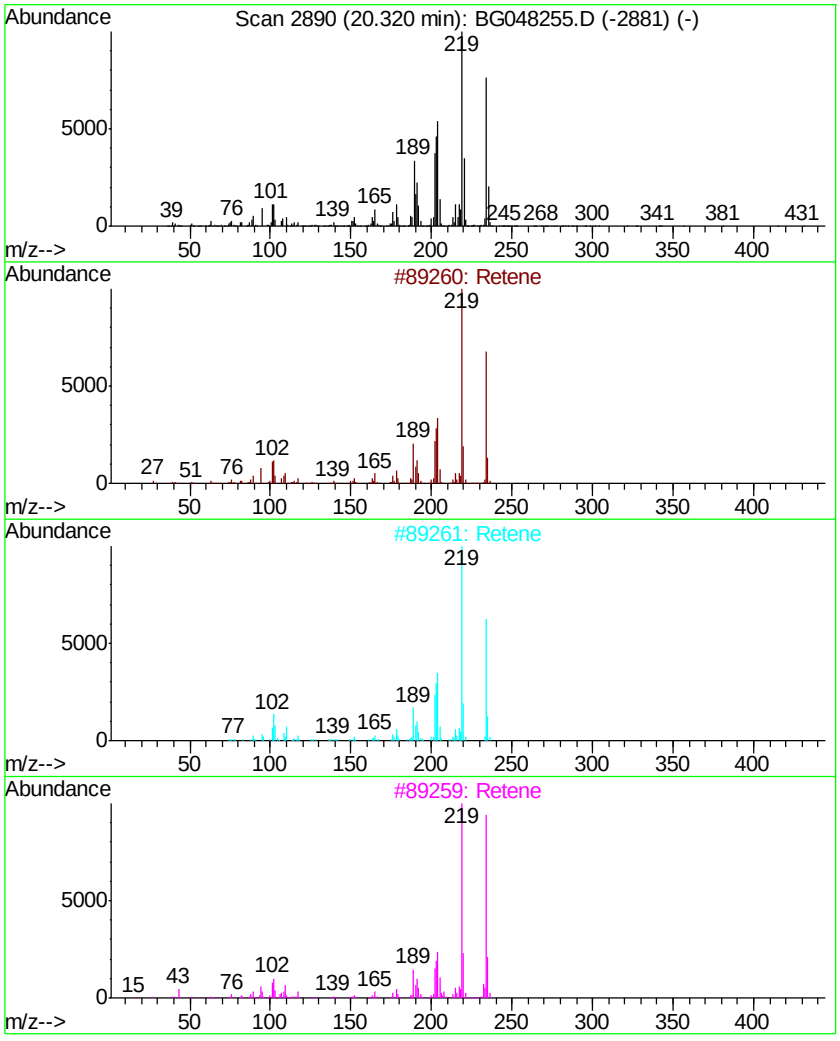
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

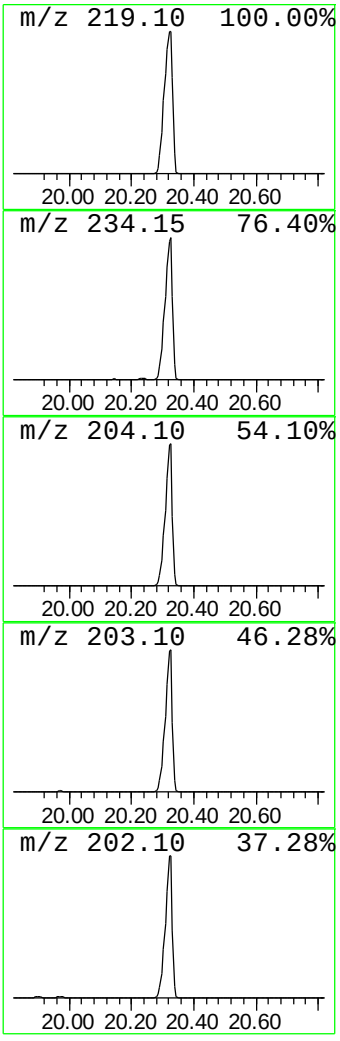
****

Peak Number 19 Retene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	545.52 ng/ul	23431700	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	95
2	Retene	234	C18H18	000483-65-8	93
3	Retene	234	C18H18	000483-65-8	93
4	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	91
5	Retene	234	C18H18	000483-65-8	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
Data File : BG048255.D
Acq On : 21 Feb 2021 4:13
Operator : CG/JU
Sample : M1415-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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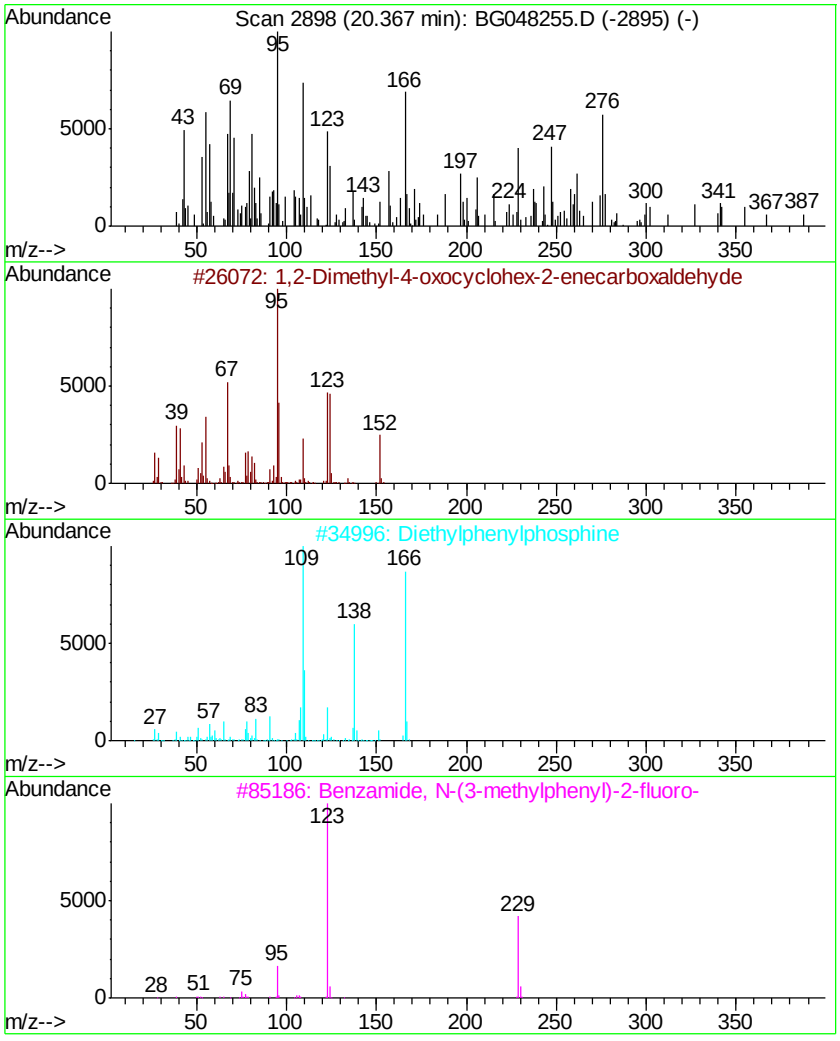
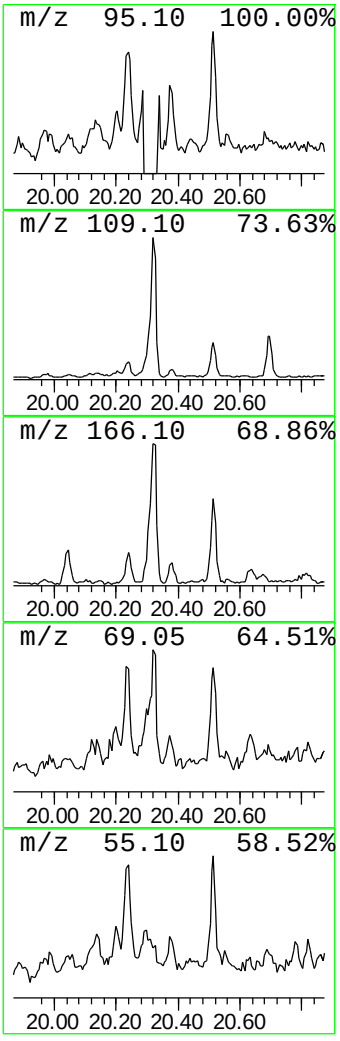
Peak Number 20 unknown-08 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	2.36 ng/ul	101274	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dimethyl-4-oxocyclohex-2-ene...	152	C9H12O2	1000187-01-2	38
2	Diethylphenylphosphine	166	C10H15P	001605-53-4	25
3	Benzamide, N-(3-methylphenyl)-2-...	229	C14H12FNO	1000307-08-0	25
4	4,5,6,7-Tetrahydrobenz[d]isoxazo...	166	C8H10N2O2	1000131-45-3	25
5	Benzamide, N-(3-methylphenyl)-3-...	229	C14H12FNO	1000307-16-4	25





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Acq On : 21 Feb 2021 4:13
Operator : CG/JU
Sample : M1415-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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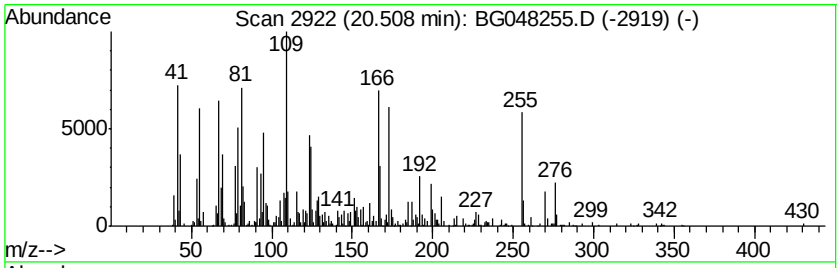
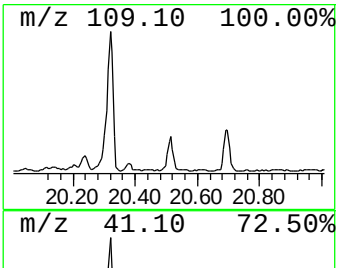
Peak Number 21 unknown-09 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.51	13.48 ng/ul	578928	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	38
2	5-Thiophen-2-yl-2H-pyrazol-3-ol	166	C7H6N2OS	1000278-27-0	30
3	Bicyclo[2.2.2]octane, 1-bromo-	188	C8H13Br	007697-09-8	25
4	3-Hexadecyne	222	C16H30	061886-62-2	22
5	3-Decyne	138	C10H18	002384-85-2	20





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Acq On : 21 Feb 2021 4:13
Operator : CG/JU
Sample : M1415-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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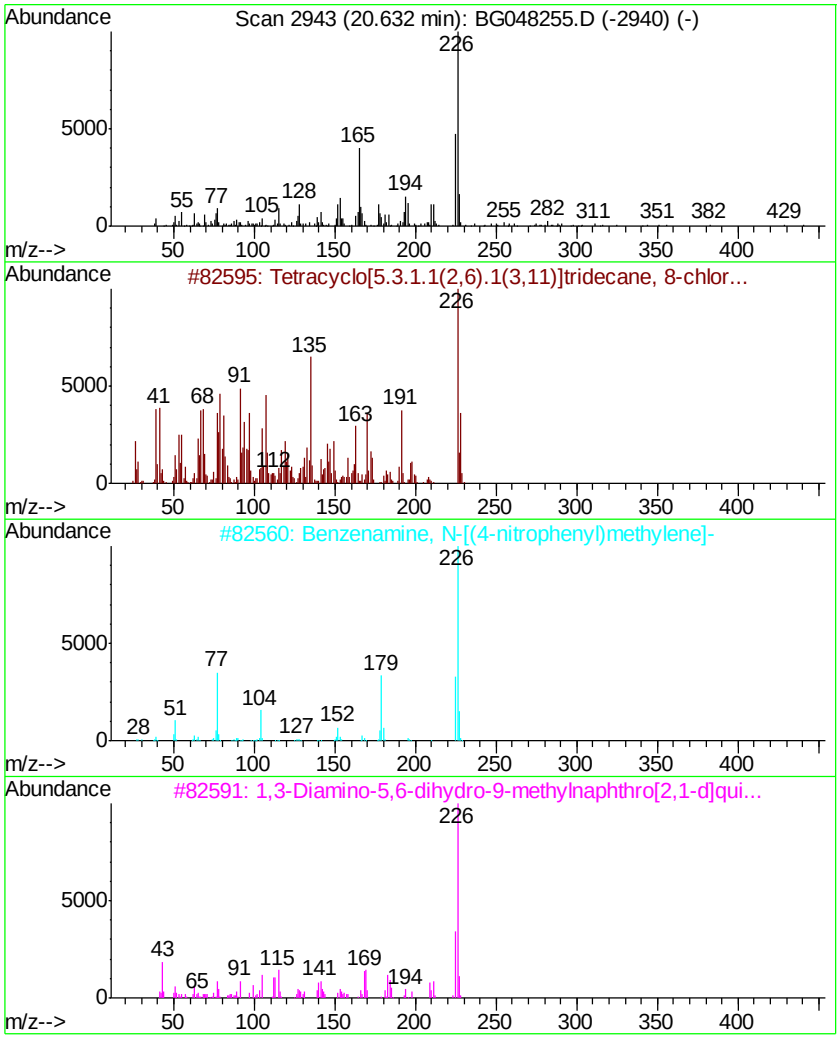
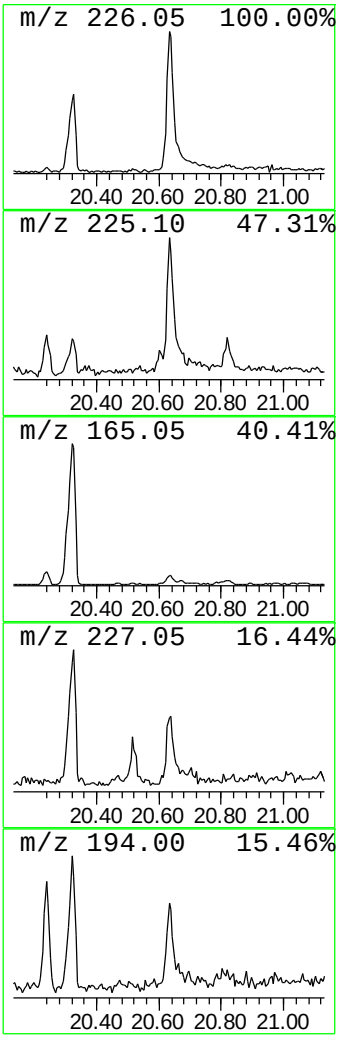
Peak Number 22 Tetracyclo[5.3.1.1(2,6).1(3... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	3.67 ng/ul	157550	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[5.3.1.1(2,6).1(3,11)]...	226	C13H19ClO	1000185-11-5	70
2	Benzenamine, N-[(4-nitrophenyl)m...	226	C13H10N2O2	000785-80-8	55
3	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	50
4	1-Ethyl-4-methoxy-9H-pyrido[3,4-...	226	C14H14N2O	026585-14-8	47
5	9H-Carbazole, 9-methyl-3-nitro-	226	C13H10N2O2	061166-05-0	38





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Operator : CG/JU
Sample : M1415-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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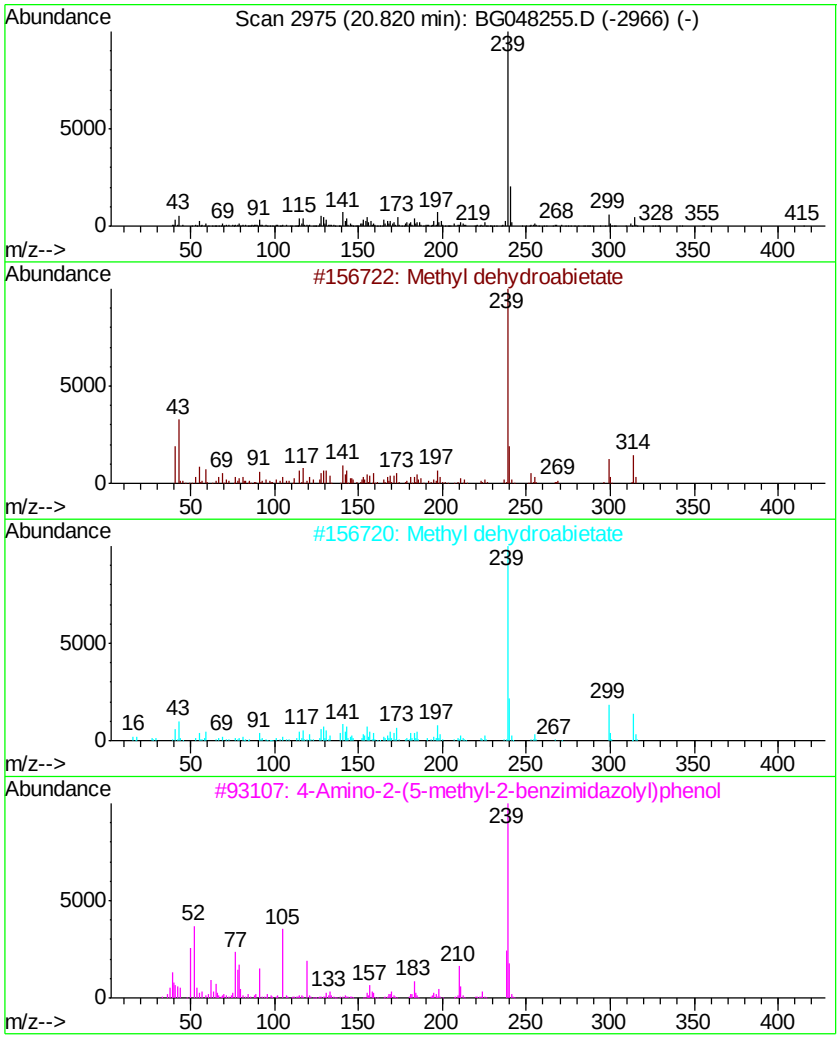
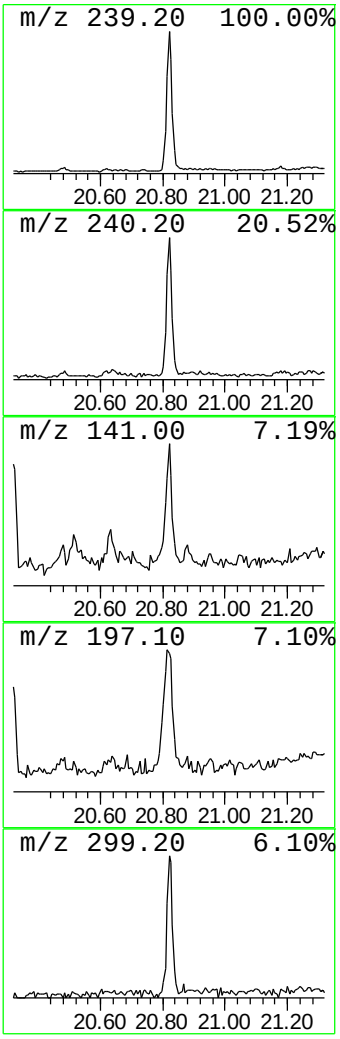
Peak Number 23 Methyl dehydroabietate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	13.77 ng/ul	591538	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl dehydroabietate	314	C21H30O2	001235-74-1	90
2	Methyl dehydroabietate	314	C21H30O2	001235-74-1	86
3	4-Amino-2-(5-methyl-2-benzimidaz...	239	C14H13N3O	1000258-88-5	64
4	1-[(4-Chlorophenyl)thioxomethyl]...	239	C12H14ClNS	003335-29-3	64
5	9,10-Anthracenedione, 2-amino-3-...	239	C14H9NO3	000117-77-1	58





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Data File : BG048255.D
Acq On : 21 Feb 2021 4:13
Operator : CG/JU
Sample : M1415-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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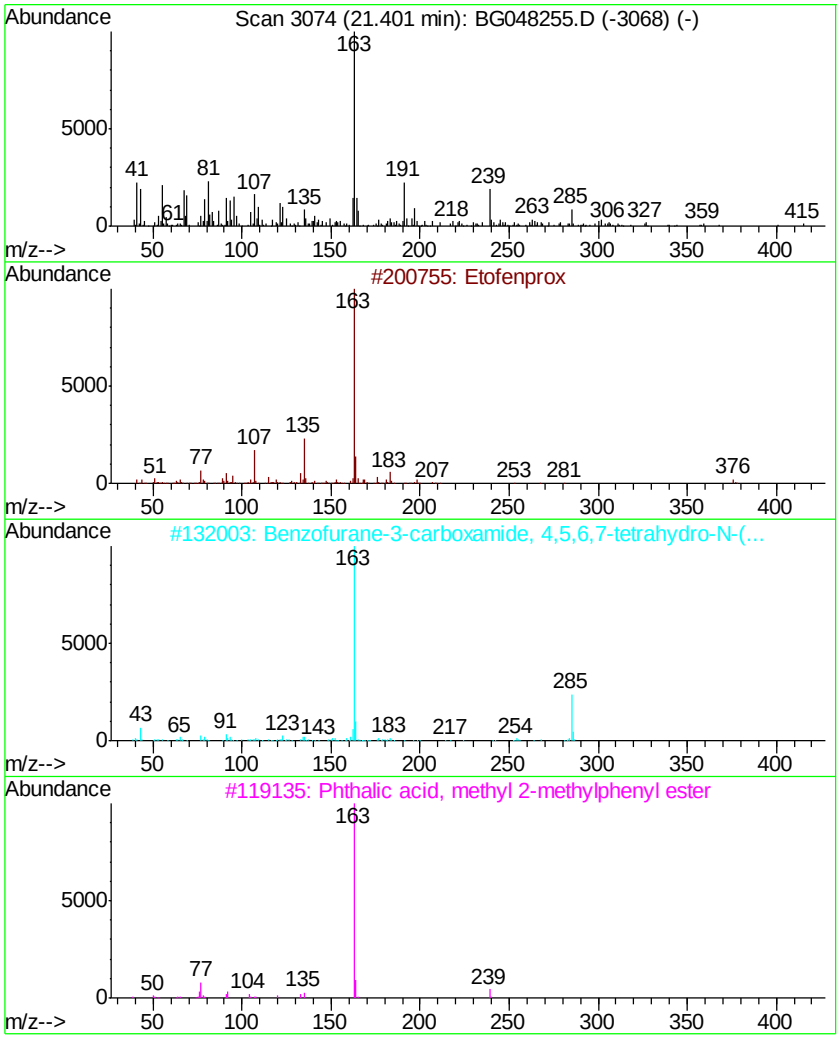
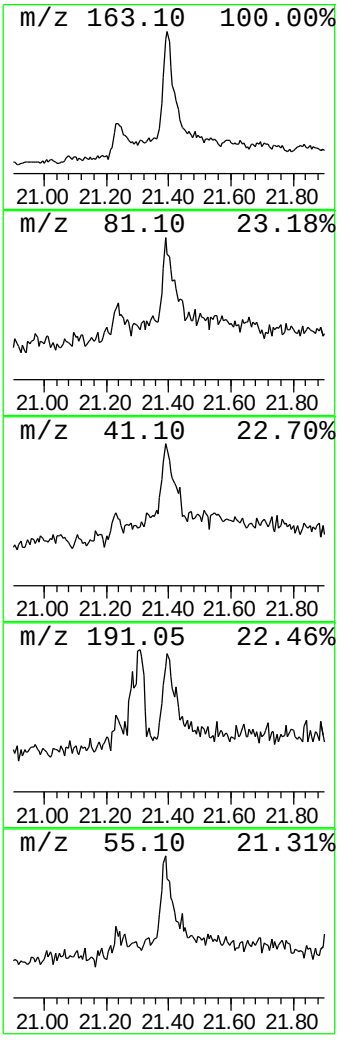
Peak Number 24 Etofenprox Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	7.77 ng/ul	333533	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Etofenprox	376	C25H28O3	080844-07-1	50
2	Benzofurane-3-carboxamide, 4,5,6...	285	C17H19NO3	351065-50-4	50
3	Phthalic acid, methyl 2-methylph...	270	C16H14O4	1000315-59-0	47
4	Methyl pentyl phthalate	250	C14H18O4	1000373-89-5	47
5	Benzyl methyl terephthalate	270	C16H14O4	024318-74-9	47





Library Search Compound Report

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Acq On : 21 Feb 2021 4:13
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Sample : M1415-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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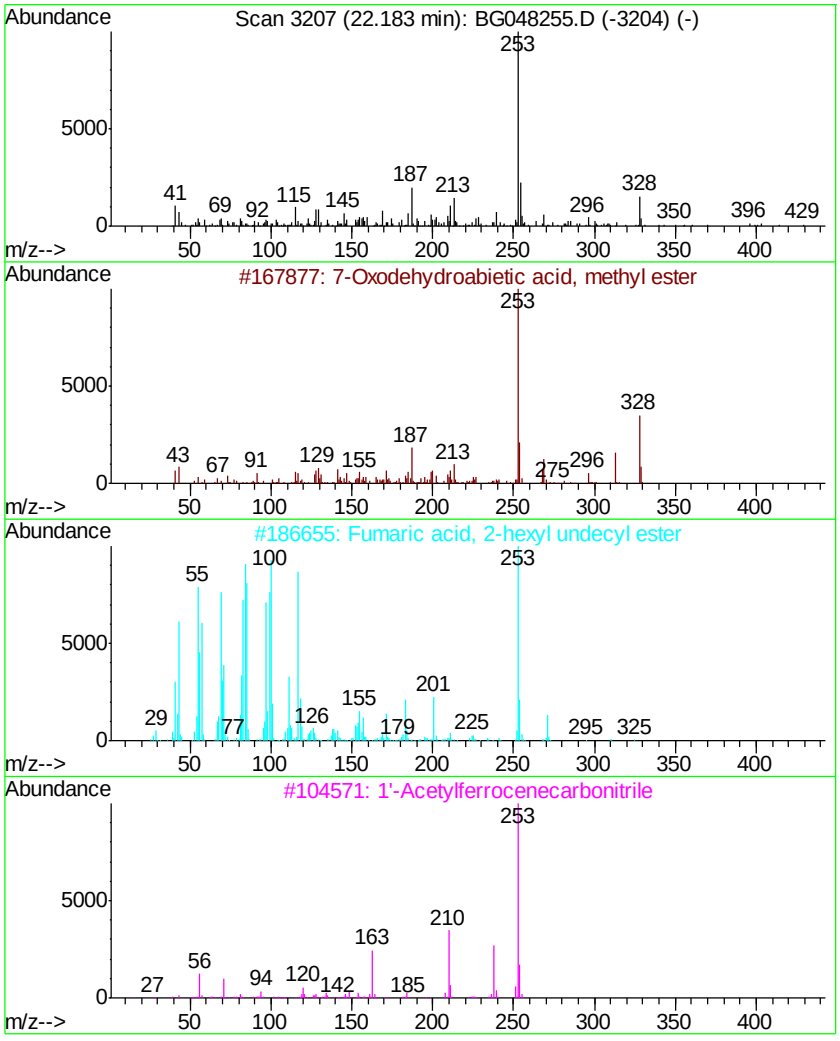
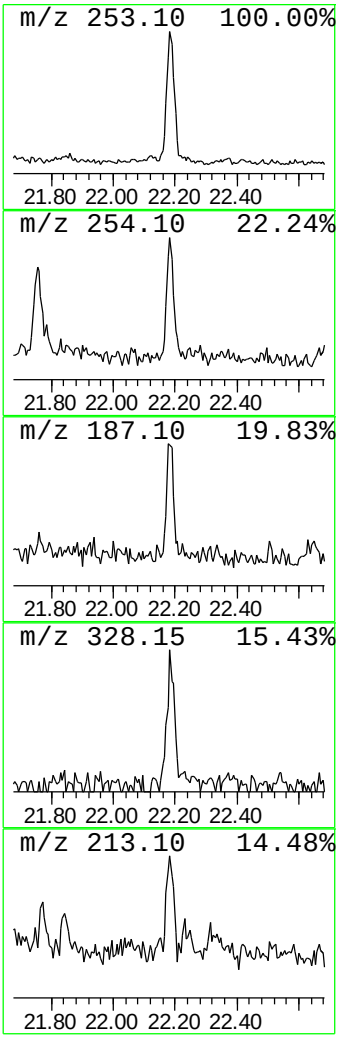
Peak Number 25 7-Oxodehydroabietic acid, m... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.18	3.62 ng/ul	155474	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxodehydroabietic acid, methyl...	328	C21H28O3	110936-78-2	94
2	Fumaric acid, 2-hexyl undecyl ester	354	C21H38O4	1000348-74-9	53
3	1'-Acetylferrocenecarbonitrile	253	C13H11FeNO	012276-85-6	50
4	2H-Benzopyran-6-carbonitrile, 3,...	286	C16H18N2O3	150871-62-8	47
5	Phenol, 2-(1,1-dimethylethyl)-4-...	268	C19H24O	056187-92-9	47





Tentatively Identified Compound (LSC) summary

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Data File : BG048255.D
Acq On : 21 Feb 2021 4:13
Operator : CG/JU
Sample : M1415-11
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	7.52	5.0	ng/ul	69636	1	8.11	281502	20.0
Camphor	10.34	2.6	ng/ul	51874	2	10.93	392989	20.0
endo-Borneol	10.70	2.4	ng/ul	46868	2	10.93	392989	20.0
unknown-01	18.43	2.1	ng/ul	70702	4	17.49	678745	20.0
3,5-Dichlorobenzy...	18.59	25.8	ng/ul	875034	4	17.49	678745	20.0
unknown-02	18.68	5.7	ng/ul	194129	4	17.49	678745	20.0
unknown-03	18.76	101.2	ng/ul	3433970	4	17.49	678745	20.0
18-Norabietane	18.95	76.2	ng/ul	2585780	4	17.49	678745	20.0
unknown-04	19.02	2.6	ng/ul	88802	4	17.49	678745	20.0
unknown-05	19.05	2.8	ng/ul	93570	4	17.49	678745	20.0
4b,8-Dimethyl-2-i...	19.09	132.8	ng/ul	4506720	4	17.49	678745	20.0
10,18-Bisnorabiet...	19.22	18.6	ng/ul	631584	4	17.49	678745	20.0
unknown-06	19.30	12.5	ng/ul	422932	4	17.49	678745	20.0
10,18-Bisnorabiet...	19.58	150.1	ng/ul	5092480	4	17.49	678745	20.0
unknown-07	19.67	11.1	ng/ul	478352	5	21.77	859059	20.0
Phenanthrene, 2,3...	19.97	8.9	ng/ul	381415	5	21.77	859059	20.0
4-(Hydroxymethyl)...	20.04	13.8	ng/ul	594166	5	21.77	859059	20.0
Benzene, 1,3-dime...	20.24	12.2	ng/ul	524546	5	21.77	859059	20.0
Retene	20.32	545.5	ng/ul	23431700	5	21.77	859059	20.0
unknown-08	20.37	2.4	ng/ul	101274	5	21.77	859059	20.0
unknown-09	20.51	13.5	ng/ul	578928	5	21.77	859059	20.0
Tetracyclo[5.3.1....	20.63	3.7	ng/ul	157550	5	21.77	859059	20.0
Methyl dehydroabi...	20.82	13.8	ng/ul	591538	5	21.77	859059	20.0
Etofenprox	21.40	7.8	ng/ul	333533	5	21.77	859059	20.0
7-Oxodehydroabiet...	22.18	3.6	ng/ul	155474	5	21.77	859059	20.0