LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046364.D
Acq On : 20 Aug 2020 4:08
Operator : CG/JU
Sample : L3633-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMA4

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-BG081320PAH.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.141	4	9	27	rVB	1310752	1996224	71.79%	4.994%
2	3.399	49	53	61	rVB2	17460	27072	0.97%	0.068%
3	3.916	135	141	149	rBV	51570	80532	2.90%	0.201%
4	4.052	158	164	172	rVV	12706	23010	0.83%	0.058%
5	7.107	677	684	695	rBV	278593	488543	17.57%	1.222%
6	7.265	704	711	727	rVB	225770	375554	13.51%	0.939%
7	7.471	739	746	758	rBV	294675	508941	18.30%	1.273%
8	7.941	819	826	834	rBV	327252	562209	20.22%	1.406%
9	8.646	938	946	959	rBV	296787	539697	19.41%	1.350%
10	9.093	1012	1022	1034	rBV	266584	487078	17.52%	1.218%
11	9.815	1138	1145	1158	rVB	232427	412786	14.84%	1.033%
12	10.356	1228	1237	1248	rBV	369718	685921	24.67%	1.716%
13	10.732	1291	1301	1308	rBV	477894	869573	31.27%	2.175%
14	10.861	1316	1323	1335	rBV	228455	455358	16.38%	1.139%
15	13.969	1844	1852	1857	rVV	713298	1024847	36.86%	2.564%
16	14.016	1857	1860	1866	rVV	83194	115584	4.16%	0.289%
17	14.257	1894	1901	1920	rVB	820440	1344112	48.34%	3.362%
18	14.569	1943	1954	1960	rBV	842387	1303727	46.88%	3.261%
19	14.627	1960	1964	1972	rVB	26075	42974	1.55%	0.108%
20	14.763	1980	1987	2002	rBV	217278	414618	14.91%	1.037%
21	14.968	2017	2022	2029	rVB2	23166	38651	1.39%	0.097%
22	15.368	2082	2090	2097	rBV6	5929	18489	0.66%	0.046%
23	15.556	2115	2122	2128	rBV	1086926	1691450	60.83%	4.231%
24	15.614	2128	2132	2136	rVV2	46903	68211	2.45%	0.171%
25	15.673	2136	2142	2150	rVV	280700	409647	14.73%	1.025%
26	15.797	2156	2163	2166	rBV4	12530	24799	0.89%	0.062%
27	15.908	2177	2182	2191	rVV	19279	33164	1.19%	0.083%
28	16.055	2202	2207	2215	rVV	18814	38807	1.40%	0.097%
29	16.290	2242	2247	2252	rBV5	12923	19469	0.70%	0.049%
30	16.596	2291	2299	2300	rBV3	9075	17824	0.64%	0.045%
31	16.625	2300	2304	2308	rVV6	12733	22665	0.82%	0.057%
32	16.848	2334	2342	2345	rBV3	20529	35068	1.26%	0.088%
33	16.889	2346	2349	2352	rVV	16594	23748	0.85%	0.059%
34	16.960	2356	2361	2369	rVB2	33698	62931	2.26%	0.157%

LSC Area Percent Report

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Sample : L3633-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMA4

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-BG081320PAH.M
Title : SVOA CALIBRATION

35	17.042	2369	2375	2383	rBV5	18376	54003	1.94%	0.135%
36	17.130	2385	2390	2399	rVB	26157	48576	1.75%	0.122%
37	17.307	2413	2420	2424	rBV	1042267	1607684	57.82%	4.022%
38	17.348	2424	2427	2432	rVV	474929	728383	26.19%	1.822%
39	17.407	2432	2437	2449	rVV2	1164436	1879836	67.60%	4.703%
40	17.500	2449	2453	2459	rVB4	15349	26103	0.94%	0.065%
41	17.706	2478	2488	2493	rBV2	41262	88652	3.19%	0.222%
42	17.753	2493	2496	2500	rVV3	11029	17860	0.64%	0.045%
43	17.824	2504	2508	2513	rVV4	18250	27380	0.98%	0.068%
44	17.888	2515	2519	2524	rBV5	16186	22261	0.80%	0.056%
45	17.988	2530	2536	2540	rBV8	8482	17463	0.63%	0.044%
46	18.188	2561	2570	2574	rBV	89112	165561	5.95%	0.414%
47	18.229	2574	2577	2583	rVV	131235	195399	7.03%	0.489%
48	18.311	2587	2591	2596	rVB	35499	50641	1.82%	0.127%
49	18.376	2596	2602	2606	rBV2	121532	225162	8.10%	0.563%
50	18.417	2606	2609	2615	rVB	72967	101767	3.66%	0.255%
51	18.505	2616	2624	2625	rBV6	11998	26075	0.94%	0.065%
52	18.523	2625	2627	2633	rVB3	13148	20822	0.75%	0.052%
53	18.681	2649	2654	2657	rVV	87671	125495	4.51%	0.314%
54	18.717	2657	2660	2667	rVB	89428	126936	4.56%	0.318%
55	18.805	2672	2675	2683	rVB7	13452	26831	0.96%	0.067%
56	18.928	2688	2696	2701	rBV4	51039	84654	3.04%	0.212%
57	18.981	2701	2705	2708	rVV	26875	38217	1.37%	0.096%
58	19.016	2708	2711	2715	rVB2	30021	39020	1.40%	0.098%
59	19.099	2720	2725	2730	rVV	87350	151739	5.46%	0.380%
60	19.163	2730	2736	2739	rVV3	40865	98717	3.55%	0.247%
61	19.193	2739	2741	2744	rVV	34825	37360	1.34%	0.093%
62	19.234	2744	2748	2756	rVB	80402	143936	5.18%	0.360%
63	19.357	2761	2769	2776	rVB	1003381	1438517	51.73%	3.599%
64	19.422	2777	2780	2783	rBV2	23384	28999	1.04%	0.073%
65	19.457	2783	2786	2791	rVB3	33992	49665	1.79%	0.124%
66	19.510	2791	2795	2798	rBV	40215	53658	1.93%	0.134%
67	19.557	2798	2803	2805	rBV3	32429	46153	1.66%	0.115%
68	19.692	2820	2826	2829	rBV	1621182	2583000	92.89%	6.462%
69	19.721	2829	2831	2839	rVV	980078	1195285	42.98%	2.990%
70	19.792	2839	2843	2851	rVB2	63319	115460	4.15%	0.289%
71	19.898	2857	2861	2867	rVB	56512	84869	3.05%	0.212%

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Sample : L3633-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMA4

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
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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Title : SVOA CALIBRATION

72	19.956	2868	2871	2877	rVB3	42686	66107	2.38%	0.165%
73	20.039	2880	2885	2887	rBV3	90277	166024	5.97%	0.415%
74	20.174	2904	2908	2911	rBV2	69846	121736	4.38%	0.305%
75	20.209	2911	2914	2918	rVB	137529	193891	6.97%	0.485%
76	20.315	2928	2932	2935	rBV	66170	92702	3.33%	0.232%
77	20.368	2936	2941	2946	rVV2	132878	223040	8.02%	0.558%
78	20.456	2952	2956	2961	rBV3	26797	37579	1.35%	0.094%
79	20.509	2962	2965	2969	rVV	73665	94231	3.39%	0.236%
80	20.556	2969	2973	2977	rVB	75046	106559	3.83%	0.267%
81	20.961	3038	3042	3050	rVB	130170	213154	7.67%	0.533%
82	21.143	3067	3073	3077	rBV2	78035	186820	6.72%	0.467%
83	21.190	3077	3081	3083	rVV	104966	150998	5.43%	0.378%
84	21.226	3083	3087	3094	rVV3	234655	473448	17.03%	1.184%
85	21.290	3094	3098	3107	rVB3	109946	216242	7.78%	0.541%
86	21.555	3135	3143	3148	rBV3	1248376	2780712	100.00%	6.956%
87	21.602	3148	3151	3164	rVB	501442	772321	27.77%	1.932%
88	21.766	3173	3179	3182	rBV3	82997	200649	7.22%	0.502%
89	21.948	3206	3210	3217	rBV	61752	110181	3.96%	0.276%
90	22.265	3261	3264	3271	rVB	97433	162175	5.83%	0.406%
91	22.342	3273	3277	3280	rBV2	58709	117655	4.23%	0.294%
92	23.682	3497	3505	3513	rBV	390522	1313023	47.22%	3.285%
93	23.805	3522	3526	3530	rVB	55987	84786	3.05%	0.212%
94	23.922	3543	3546	3554	rVB	88223	177492	6.38%	0.444%
95	24.381	3616	3624	3628	rBV	193139	492904	17.73%	1.233%
96	24.451	3628	3636	3642	rVV	732248	1987910	71.49%	4.973%
97	24.516	3643	3647	3661	rVB	351311	813930	29.27%	2.036%
98	24.663	3664	3672	3679	rBV	639151	1654053	59.48%	4.138%
99	25.803	3860	3866	3877	rVB3	90146	252009	9.06%	0.630%
100	28.170	4262	4269	4290	rVB4	140755	676507	24.33%	1.692%

Sum of corrected areas: 39974260

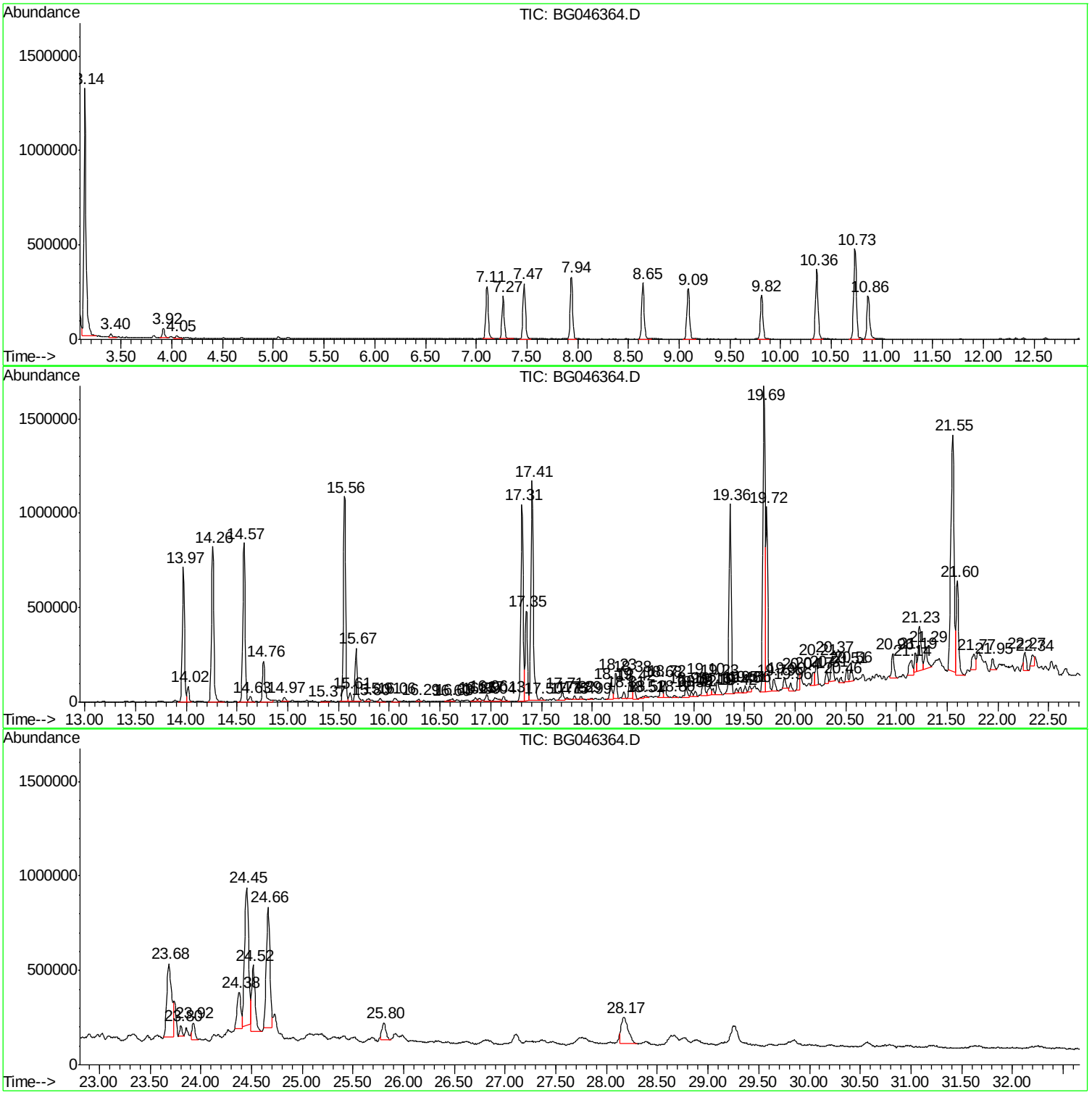
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046364.D
Acq On : 20 Aug 2020 4:08
Operator : CG/JU
Sample : L3633-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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Acq On : 20 Aug 2020 4:08
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Instrument : BNA_G
ClientSampleId : BFMA4

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Quant Title : SVOA CALIBRATION

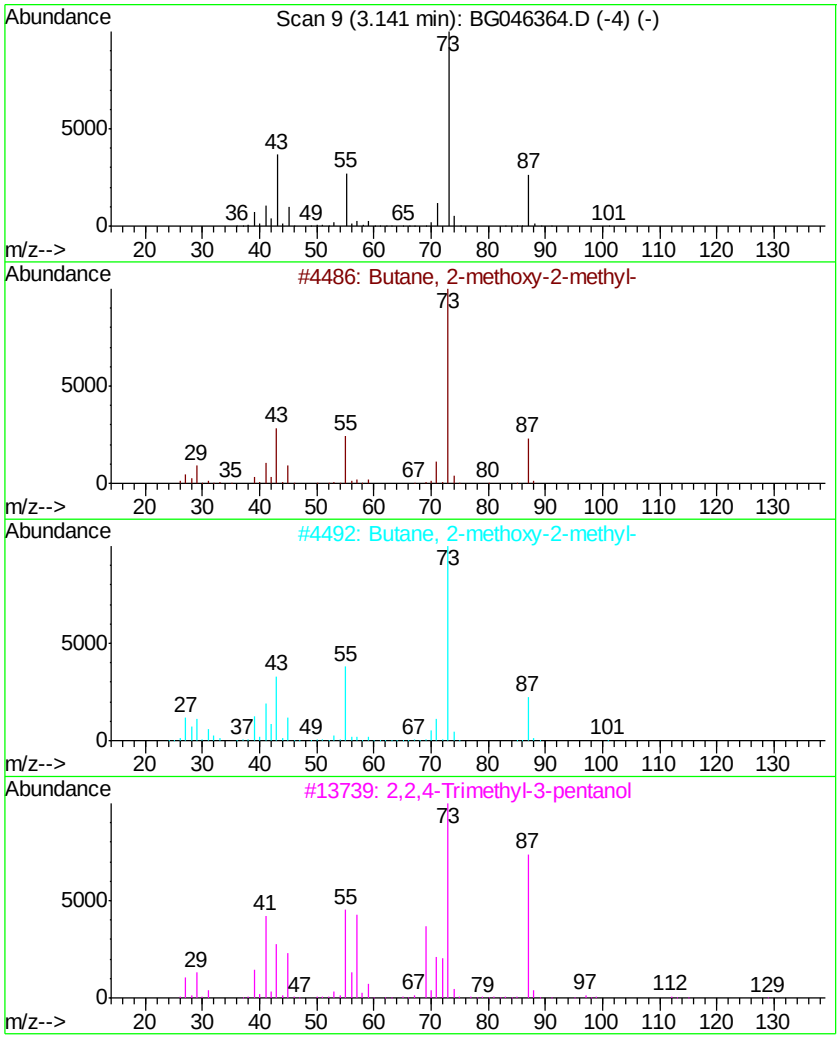
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

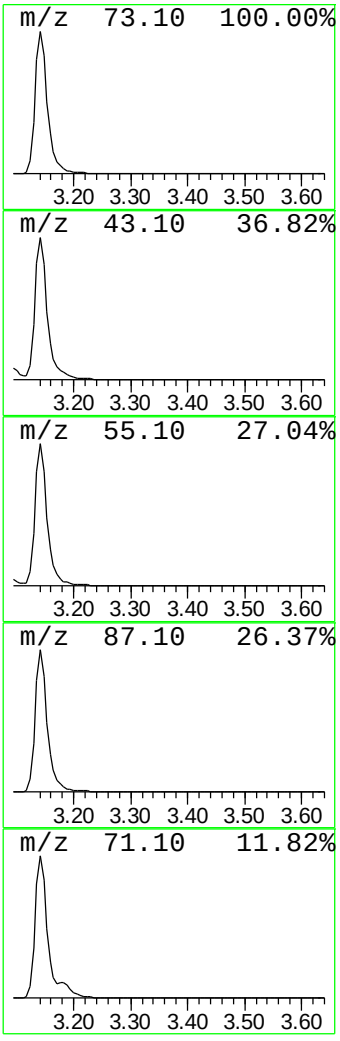
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	71.01 ng/ul	1996220	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046364.D
Acq On : 20 Aug 2020 4:08
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Sample : L3633-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

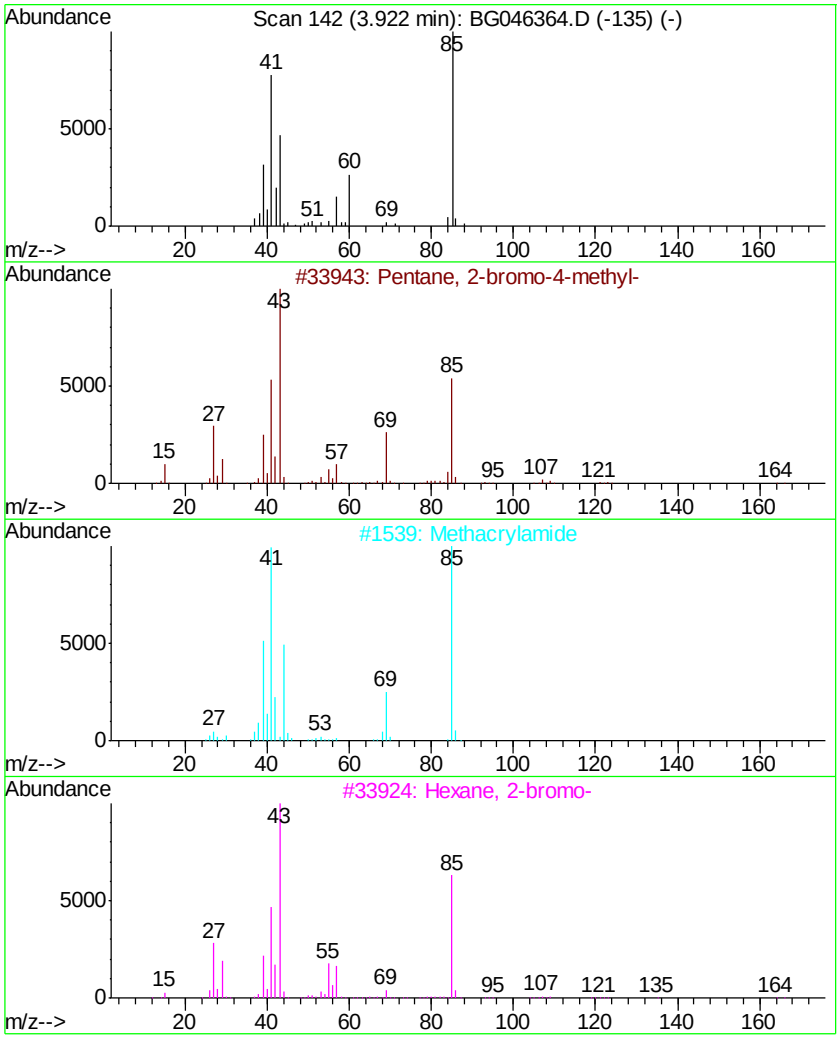
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

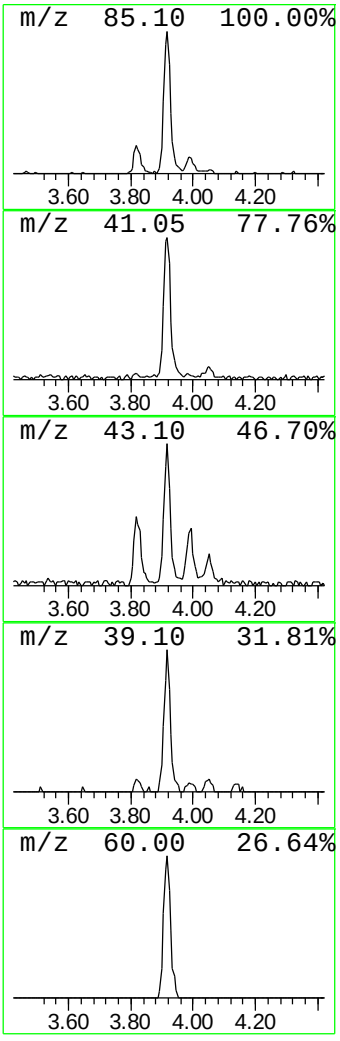
****

Peak Number 2 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	2.86 ng/ul	80532	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	39
2	Methacrylamide	85	C4H7NO	000079-39-0	38
3	Hexane, 2-bromo-	164	C6H13Br	003377-86-4	38
4	Thiazole	85	C3H3NS	000288-47-1	37
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	33





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046364.D
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Operator : CG/JU
Sample : L3633-06
Misc :
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Instrument : BNA_G
ClientSampleId : BFMA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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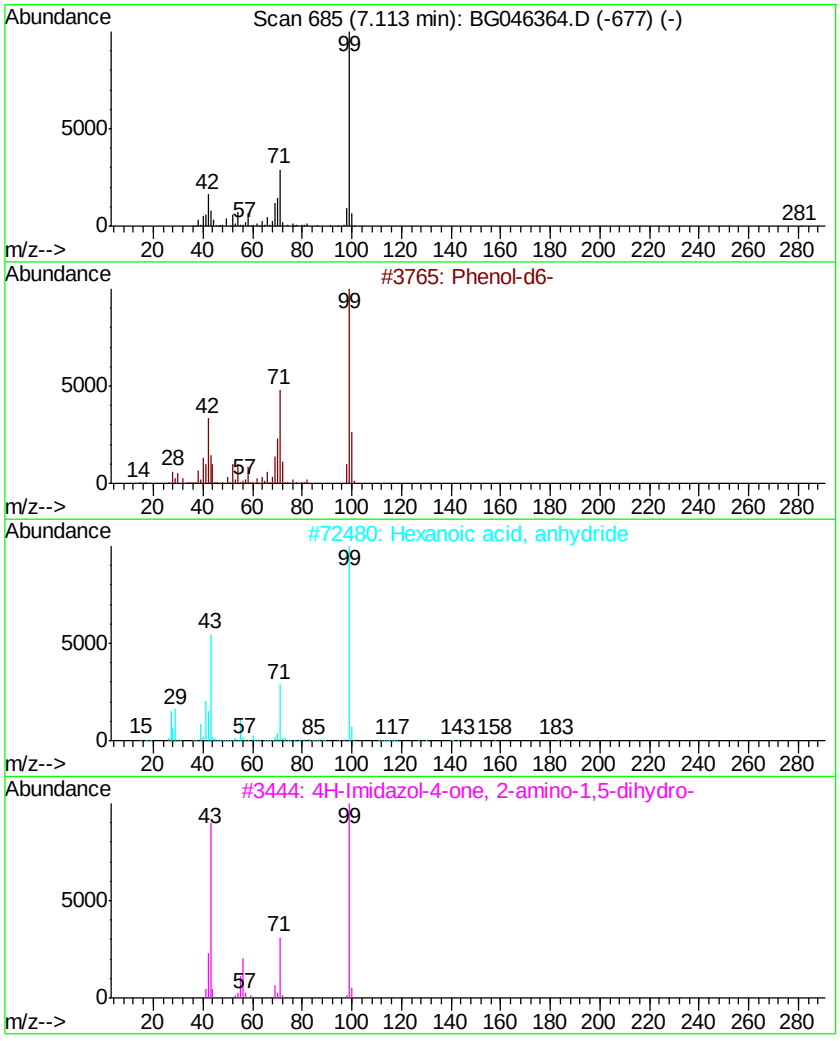
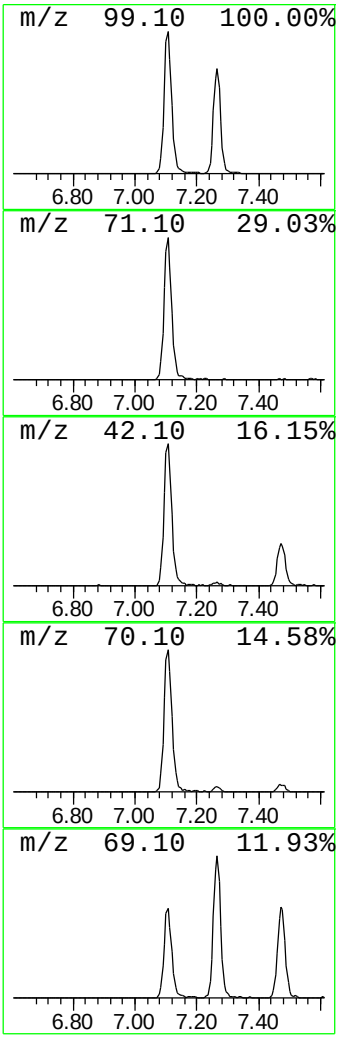
Peak Number 3 Hexanoic acid, anhydride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	17.38 ng/ul	488543	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol-d6-	100	C6D6O	013127-88-3	64
2	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50
3	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	45
4	n-Heptyl methylphosphonofluoridate	196	C8H18FO2P	162085-82-7	45
5	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	45





Library Search Compound Report

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Sample : L3633-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

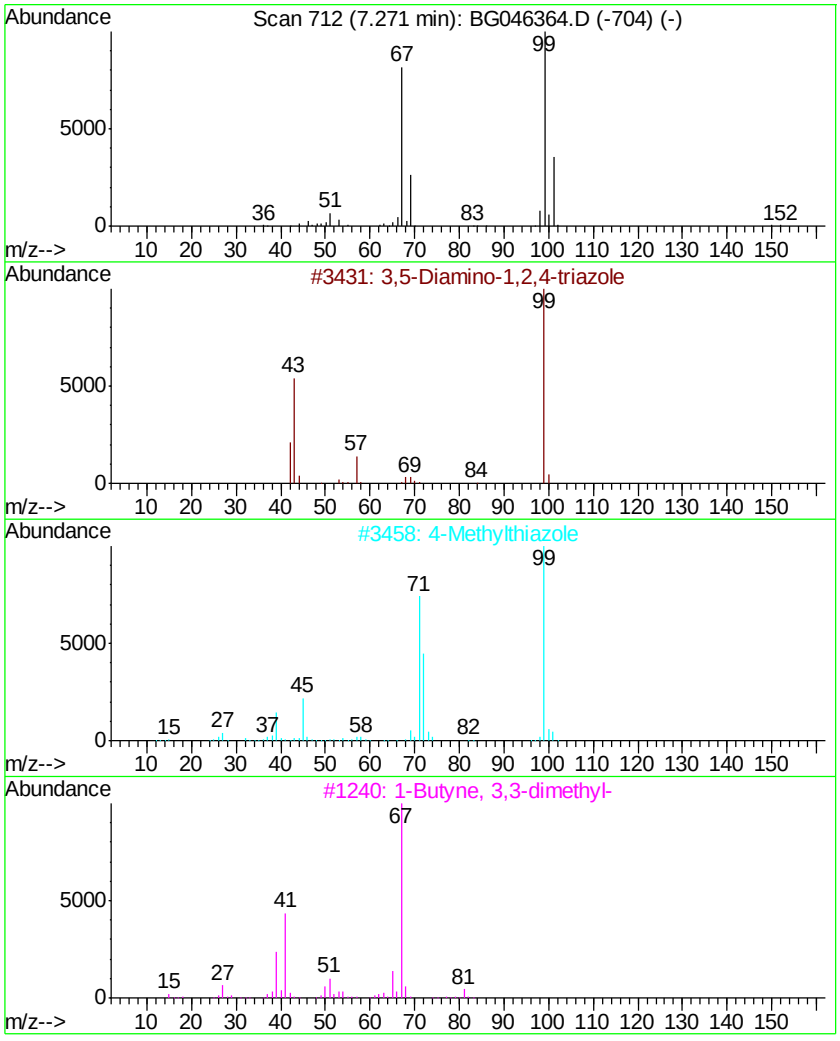
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

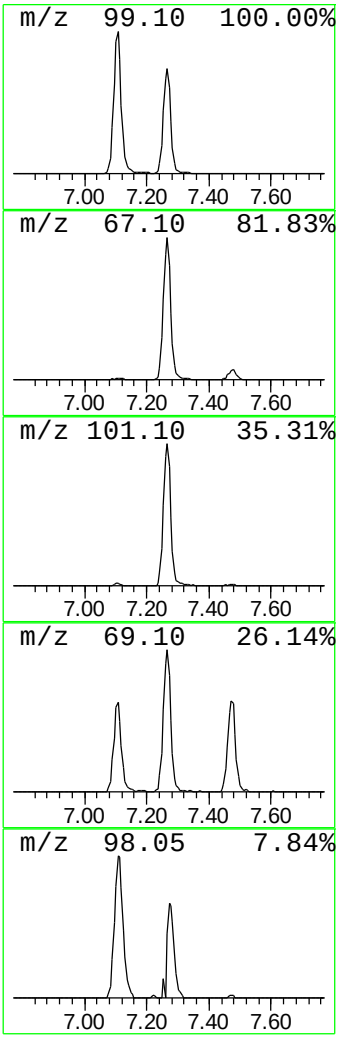
****

Peak Number 4 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	13.36 ng/ul	375554	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
2	4-Methylthiazole	99	C4H5NS	000693-95-8	9
3	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	9
4	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	7
5	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	5





Library Search Compound Report

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Data File : BG046364.D
Acq On : 20 Aug 2020 4:08
Operator : CG/JU
Sample : L3633-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

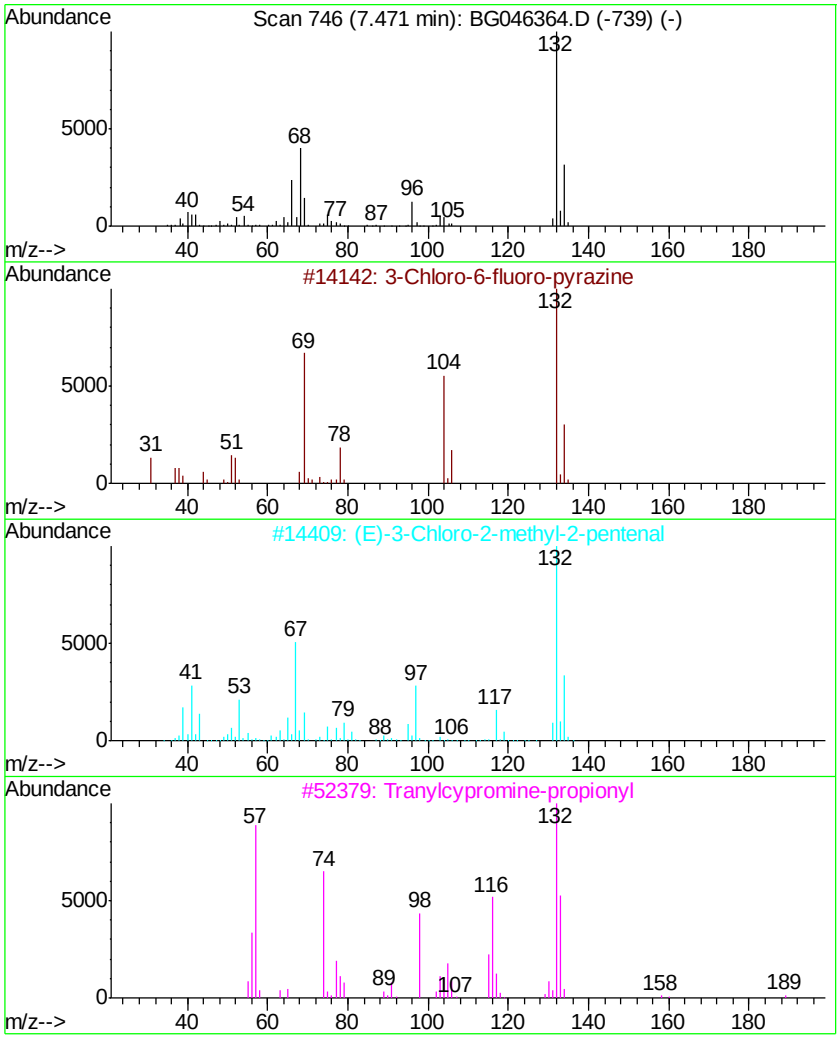
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

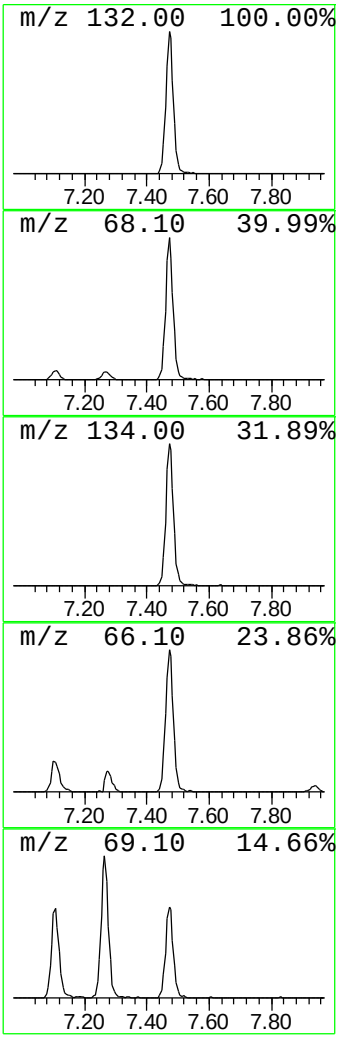
****

Peak Number 5 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	18.11 ng/ul	508941	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	Xenon	132	Xe	007440-63-3	9





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Acq On : 20 Aug 2020 4:08
Operator : CG/JU
Sample : L3633-06
Misc :
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Instrument : BNA_G
ClientSampleId : BFMA4

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Quant Title : SVOA CALIBRATION

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

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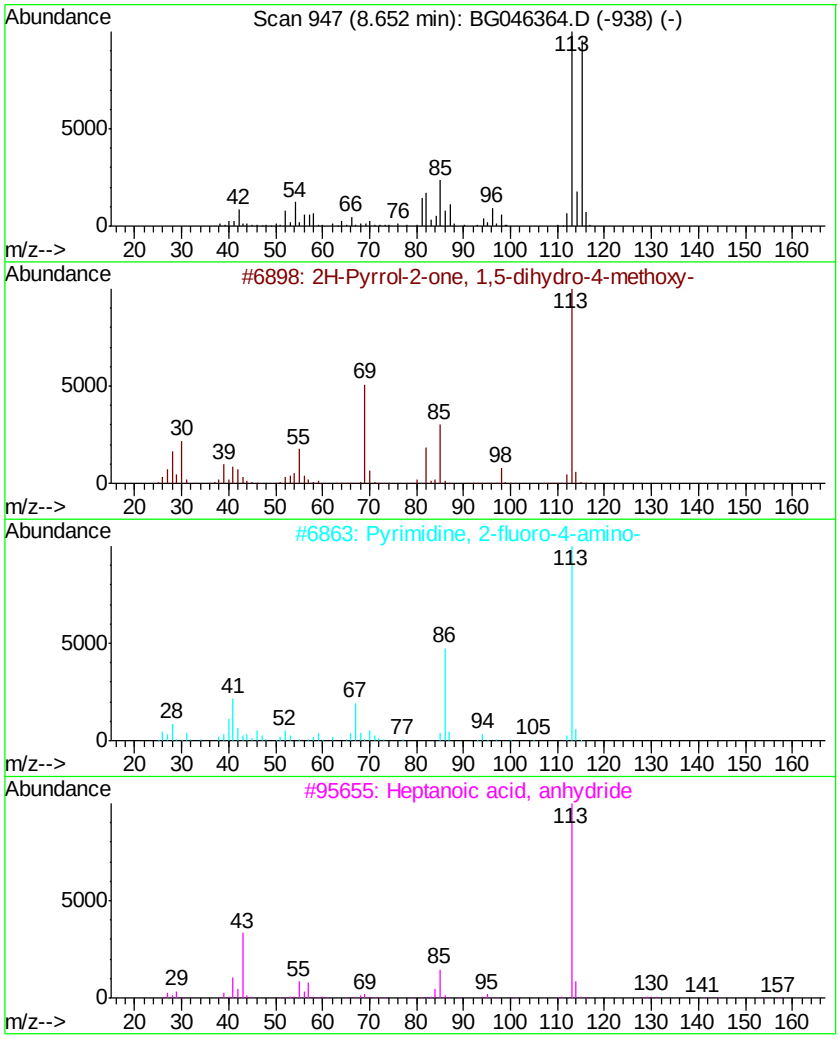
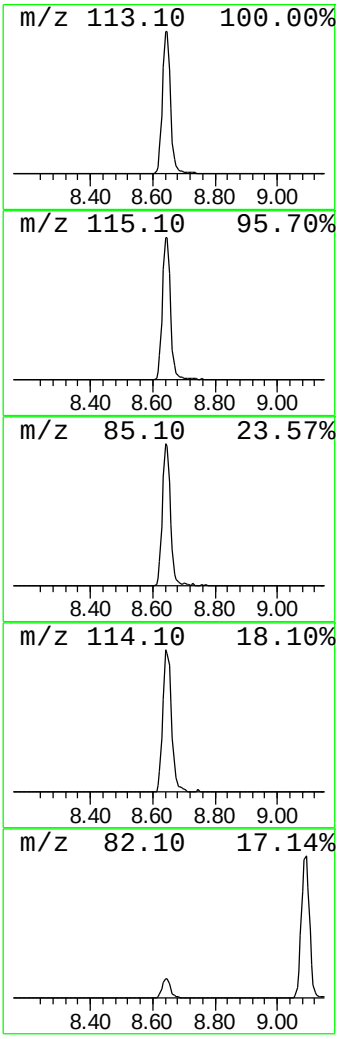
Peak Number 6 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	19.20 ng/ul	539697	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
2	Pyrimidine, 2-fluoro-4-amino-	113	C4H4FN3	096548-91-3	27
3	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	25
4	.alpha.-Methyl-.alpha.-propylsuc...	155	C8H13NO2	001497-19-4	25
5	3,4-Methylpropylsuccinimide	155	C8H13NO2	1000248-78-0	25





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Instrument : BNA_G
ClientSampleId : BFMA4

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Quant Title : SVOA CALIBRATION

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

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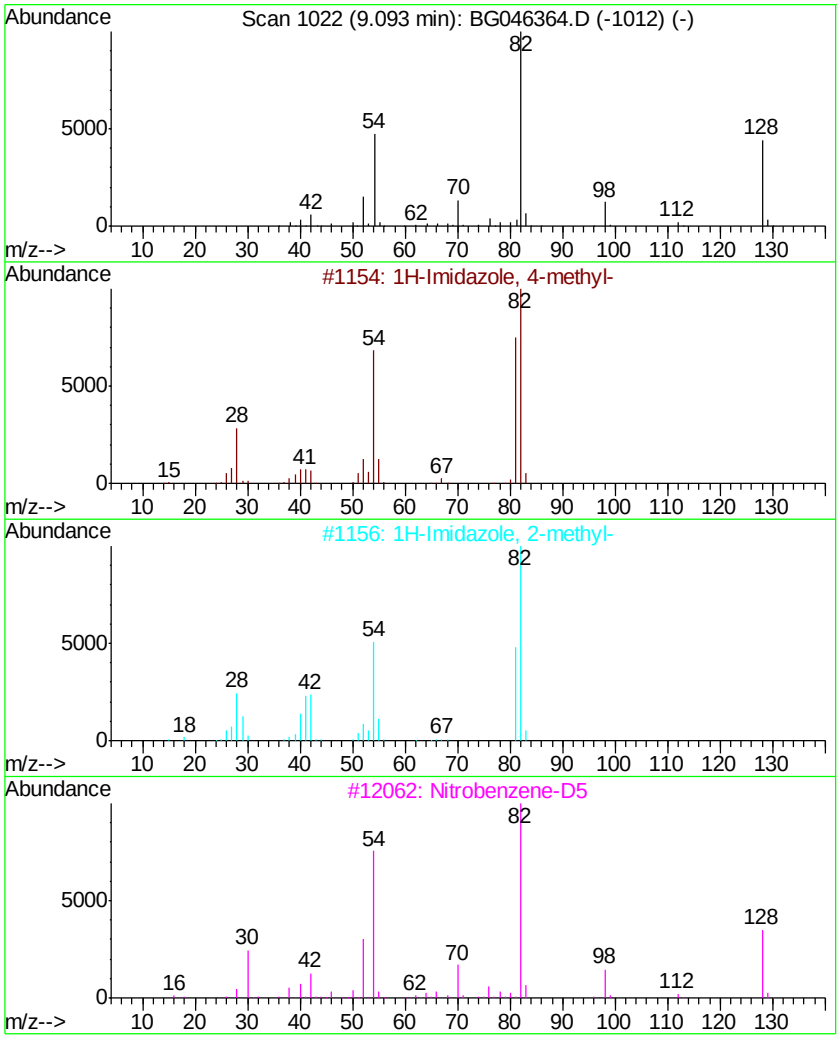
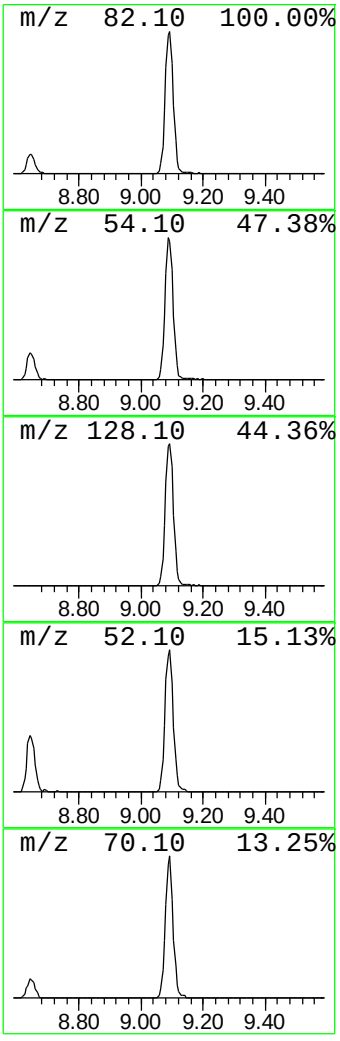
Peak Number 7 1H-Imidazole, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	17.33 ng/ul	487078	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
2	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	40
3	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	38
4	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	12
5	Maleic anhydride	98	C4H2O3	000108-31-6	7





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ClientSampleId : BFMA4

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Quant Title : SVOA CALIBRATION

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

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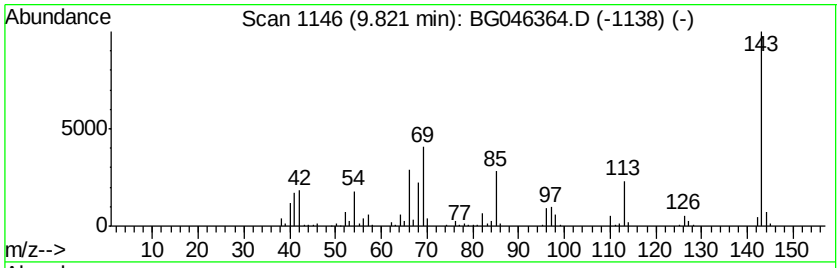
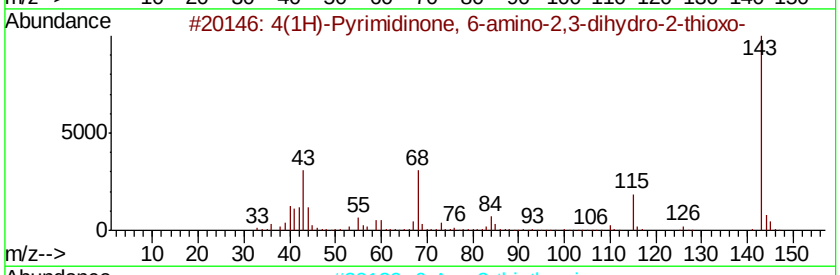
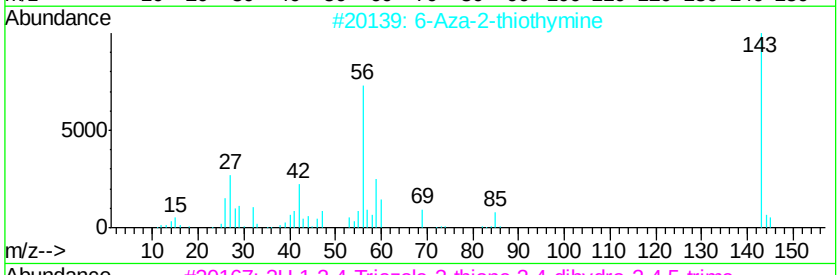
Peak Number 8 unknown-05 Concentration Rank 9

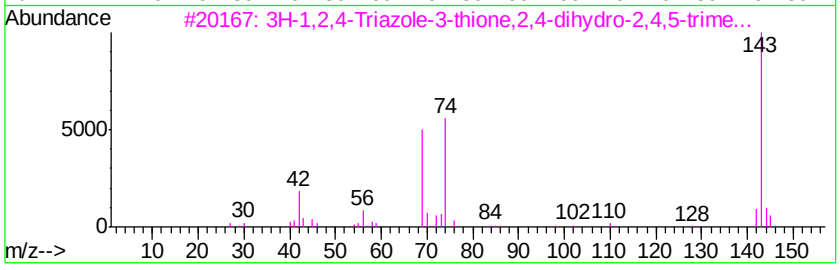
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	9.49 ng/ul	412786	Naphthalene-d8	10.73

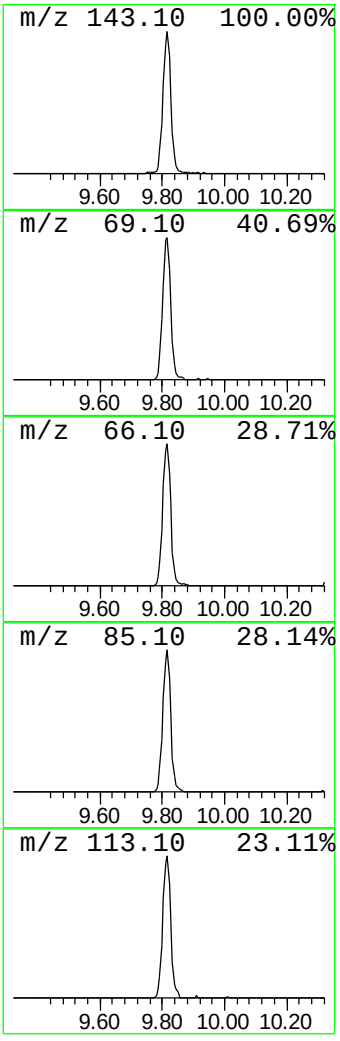
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	16
2	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	12
3	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	12
4	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-10-9	10
5	3-Aminophthalonitrile	143	C8H5N3	058632-96-5	10











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Sample : L3633-06
Misc :
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Instrument : BNA_G
ClientSampleId : BFMA4

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Quant Title : SVOA CALIBRATION

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

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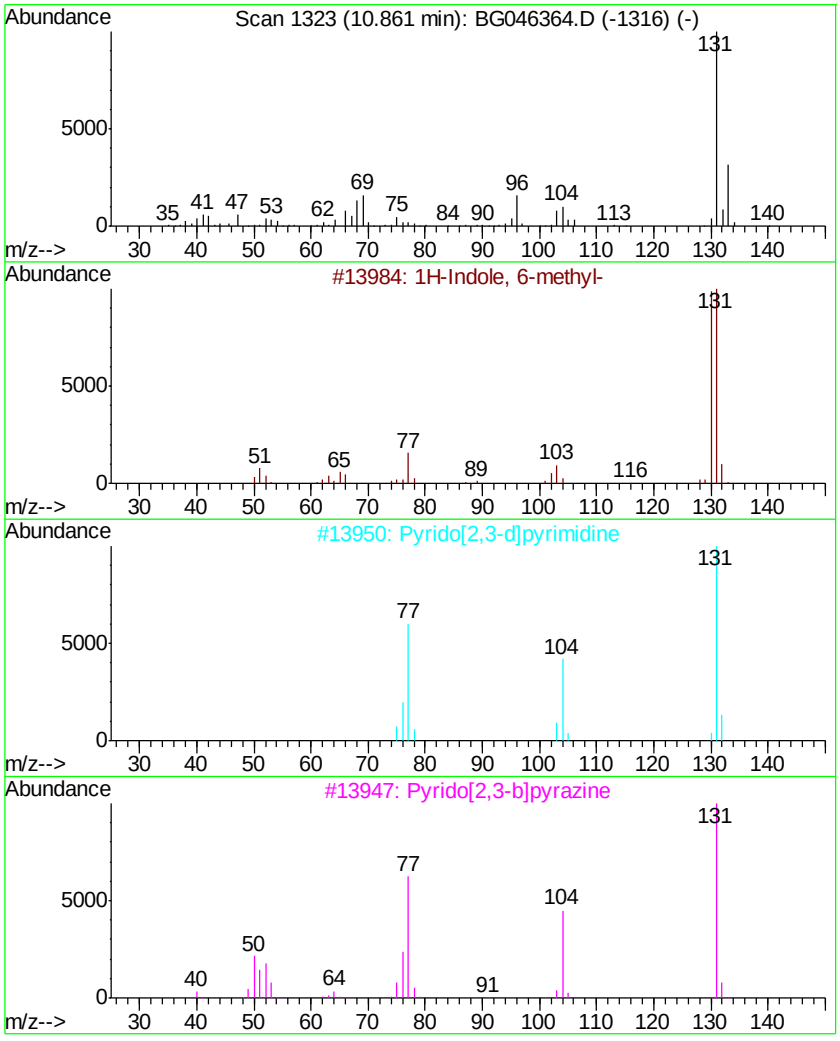
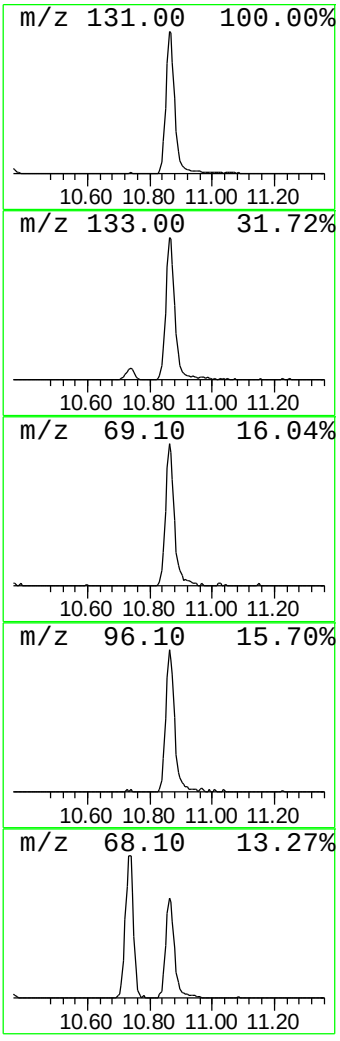
Peak Number 9 unknown-06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	10.47 ng/ul	455358	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 6-methyl-	131	C9H9N	003420-02-8	47
2	Pyrido[2,3-d]pyrimidine	131	C7H5N3	000254-61-5	40
3	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	38
4	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
5	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28





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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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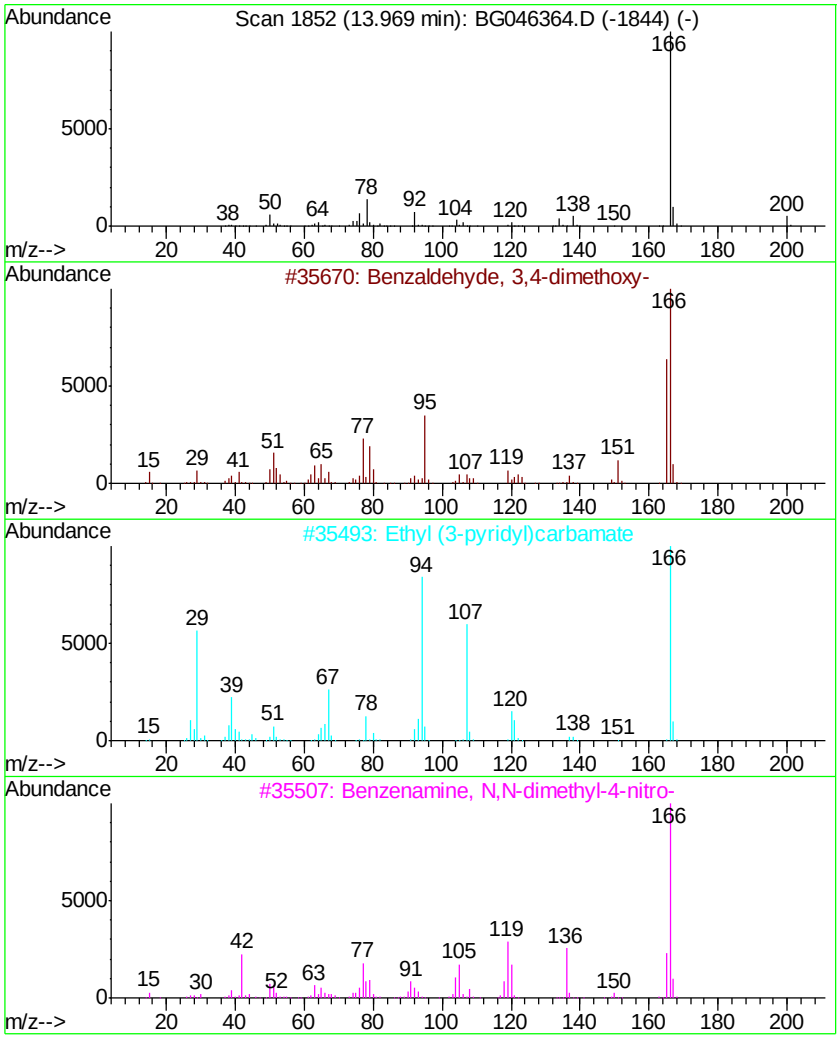
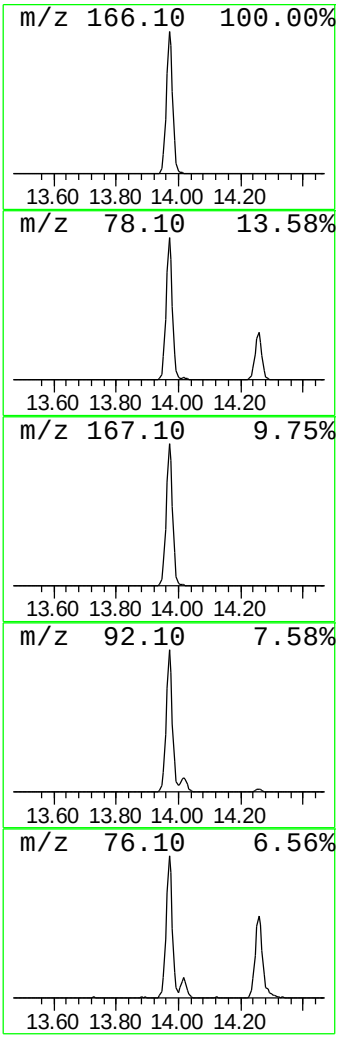
Peak Number 10 unknown-07 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	15.72 ng/ul	1024850	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	45
2	Ethyl (3-pyridyl)carbamate	166	C8H10N2O2	006276-11-5	39
3	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
4	3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36
5	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	9





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ClientSampleId : BFMA4

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Quant Title : SVOA CALIBRATION

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

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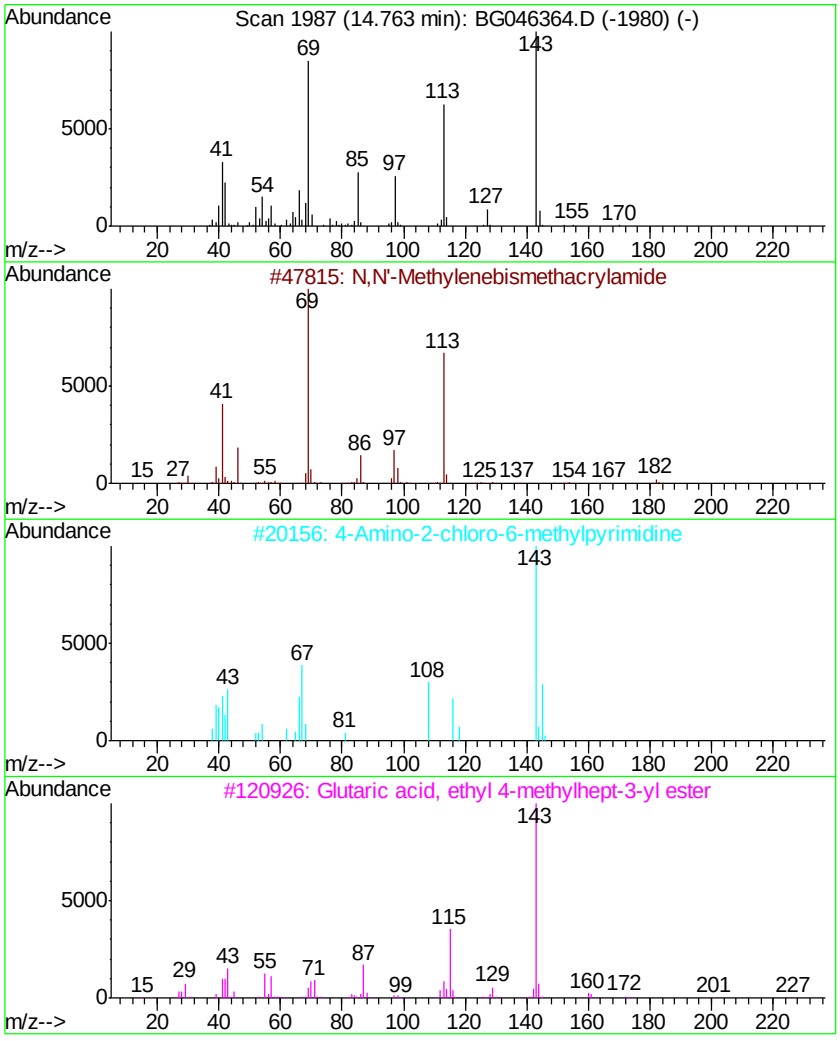
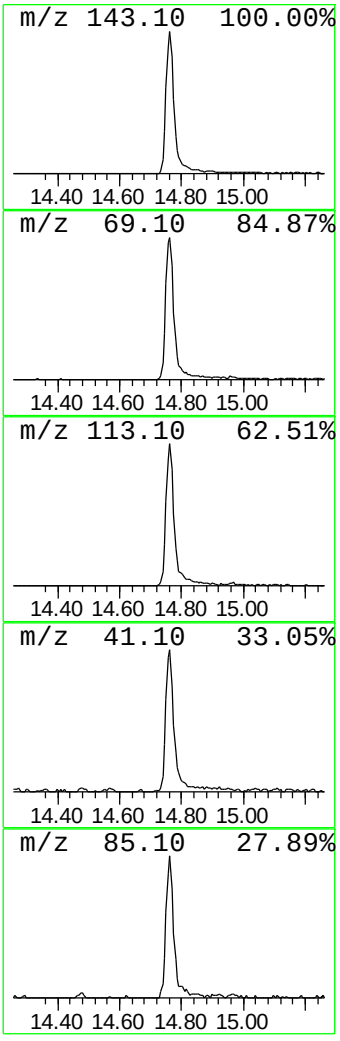
Peak Number 11 unknown-08 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	6.36 ng/ul	414618	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	35
2	4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	27
3	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	22
4	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	14
5	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	12





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Sample : L3633-06
Misc :
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Instrument : BNA_G
ClientSampleId : BFMA4

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Quant Title : SVOA CALIBRATION

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

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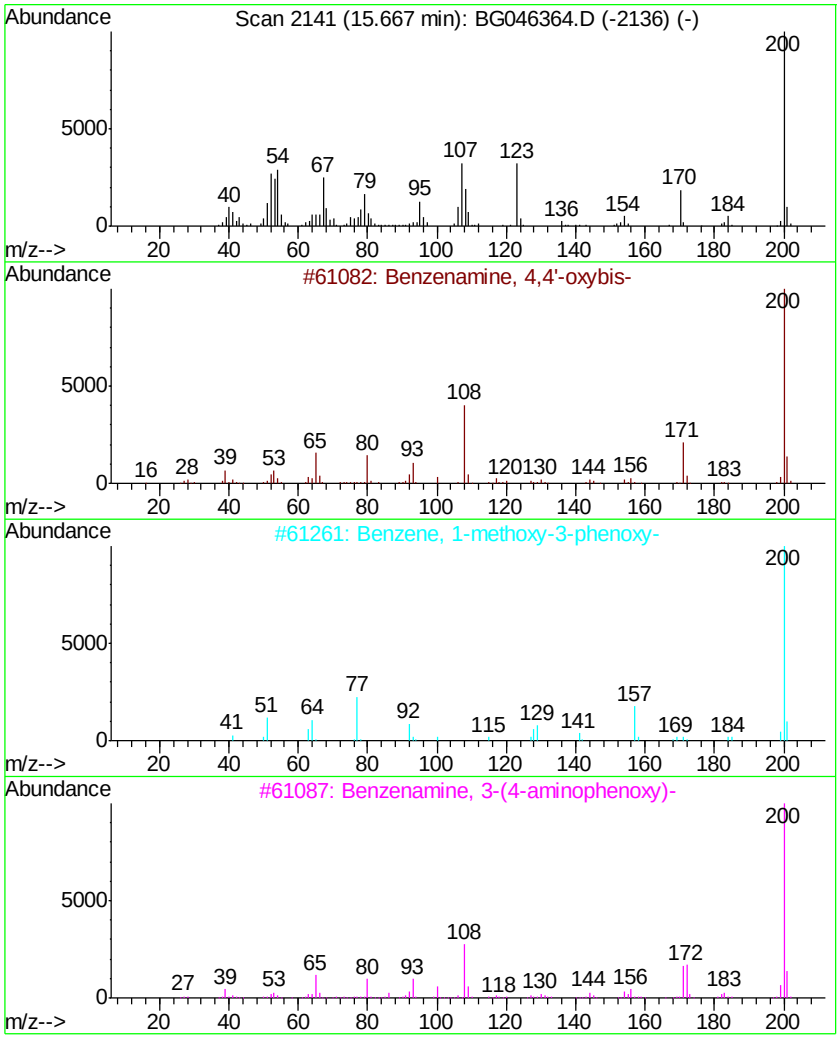
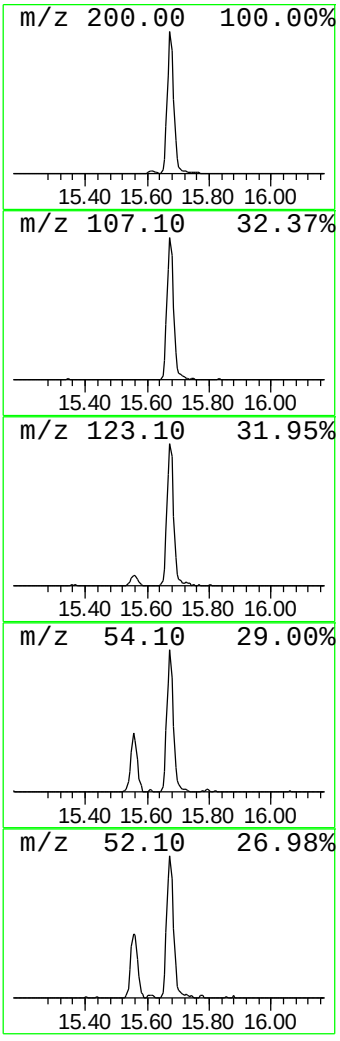
Peak Number 12 unknown-09 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	6.28 ng/ul	409647	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	14
2	Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	14
3	Benzenamine, 3-(4-aminophenoxy)-	200	C12H12N2O	002657-87-6	10
4	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	9
5	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	9





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ClientSampleId : BFMA4

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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 Anthracene, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	2.06 ng/ul	165561	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
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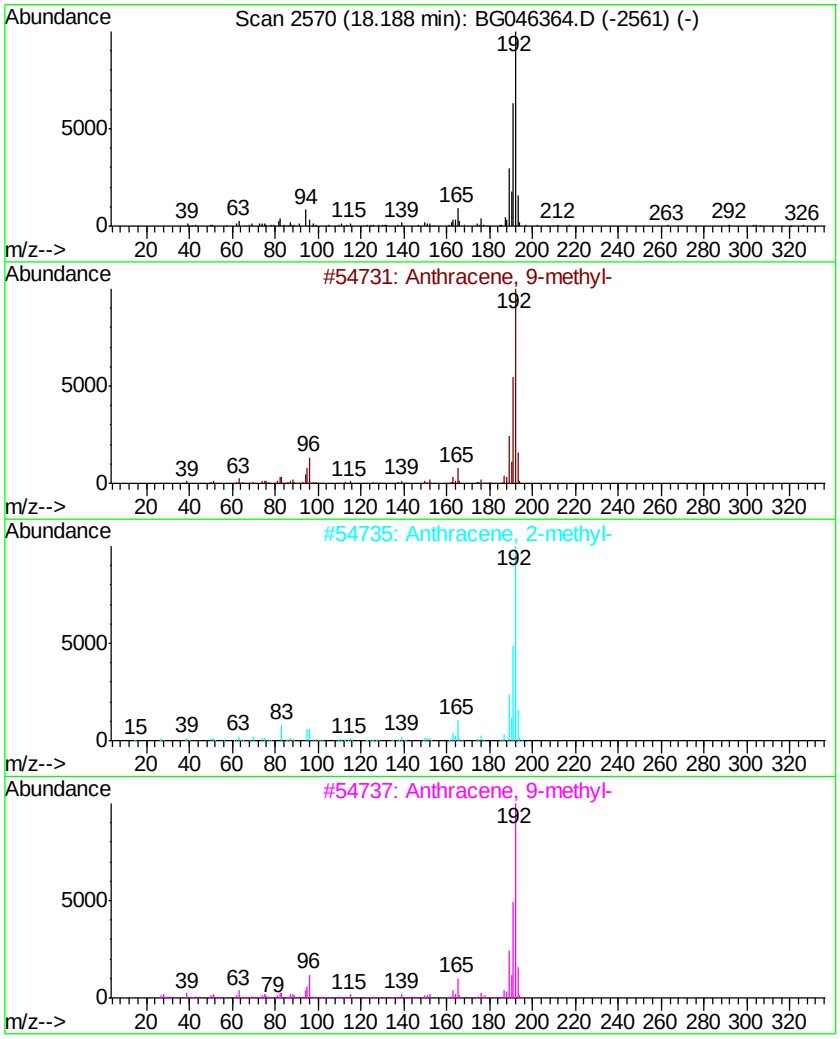

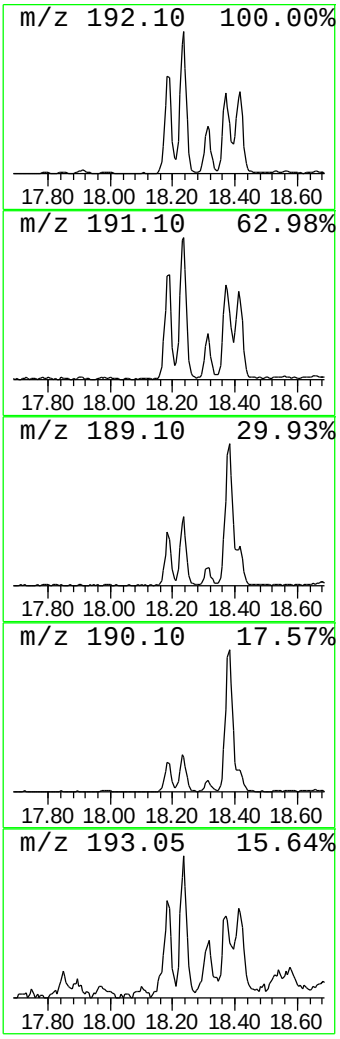

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Misc :
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Instrument : BNA_G
ClientSampleId : BFMA4

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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 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.43 ng/ul	195399	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
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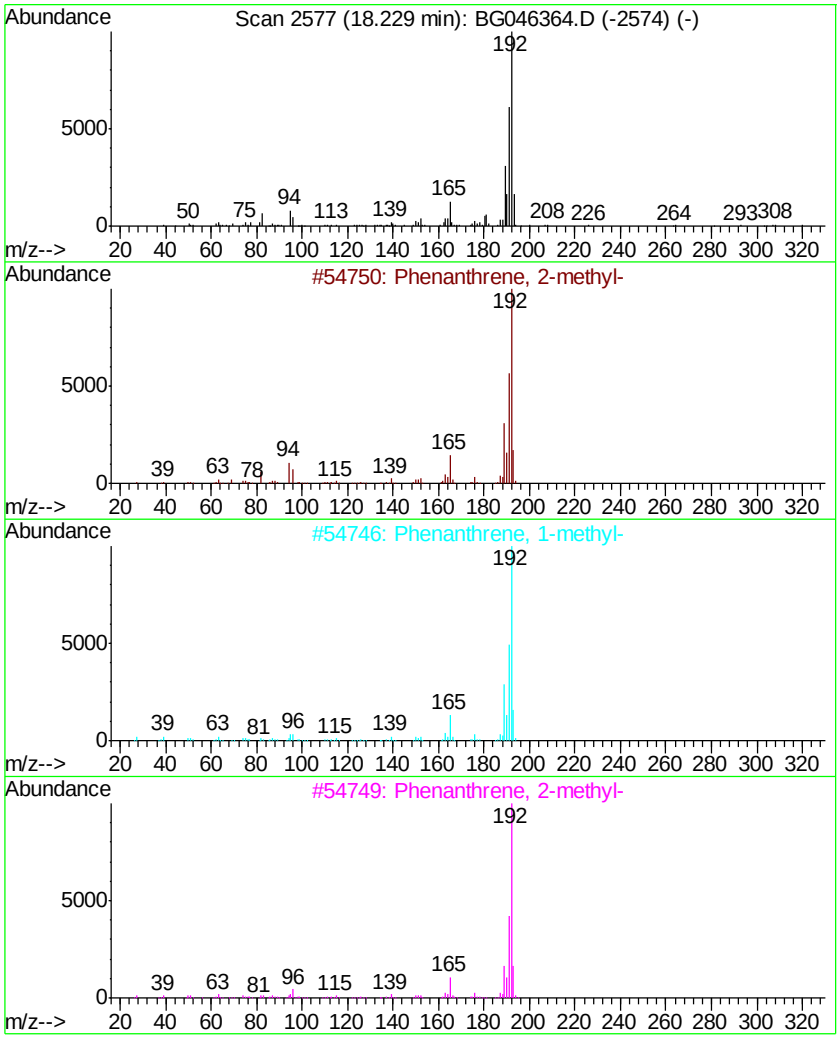

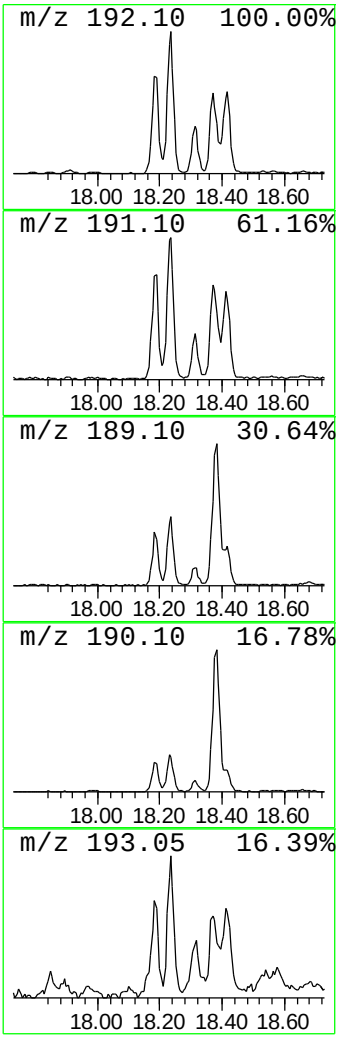

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Instrument : BNA_G
ClientSampleId : BFMA4

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Quant Title : SVOA CALIBRATION

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

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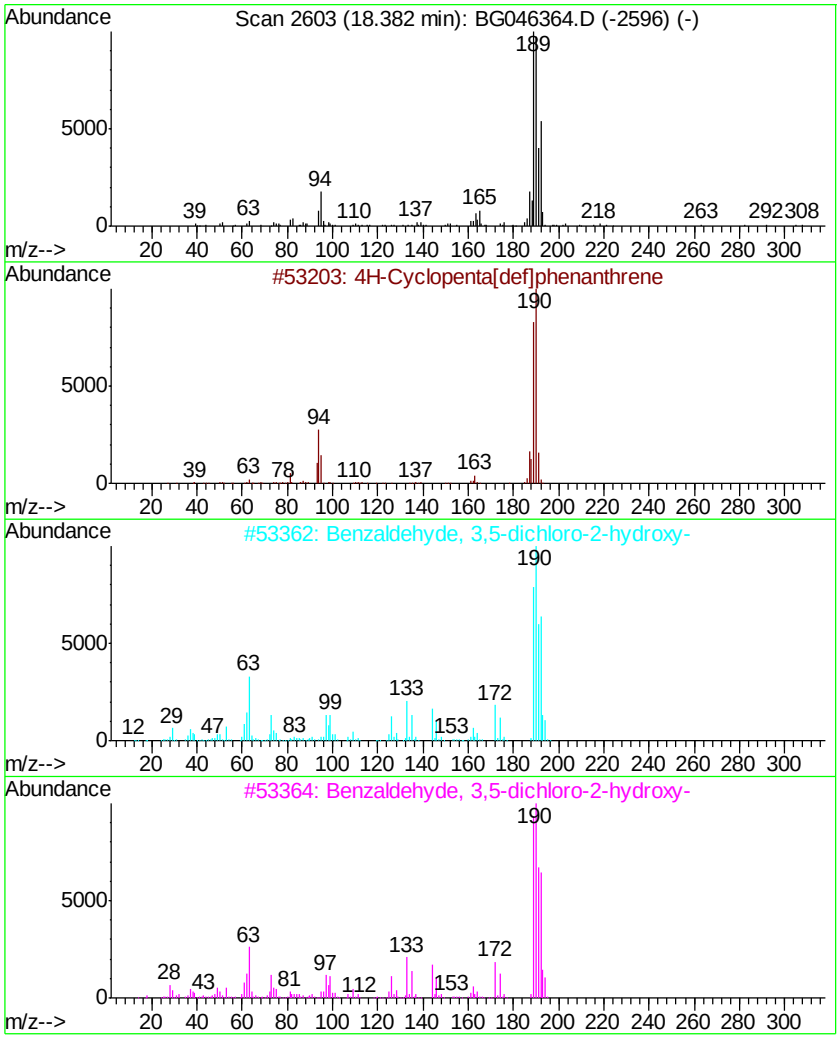
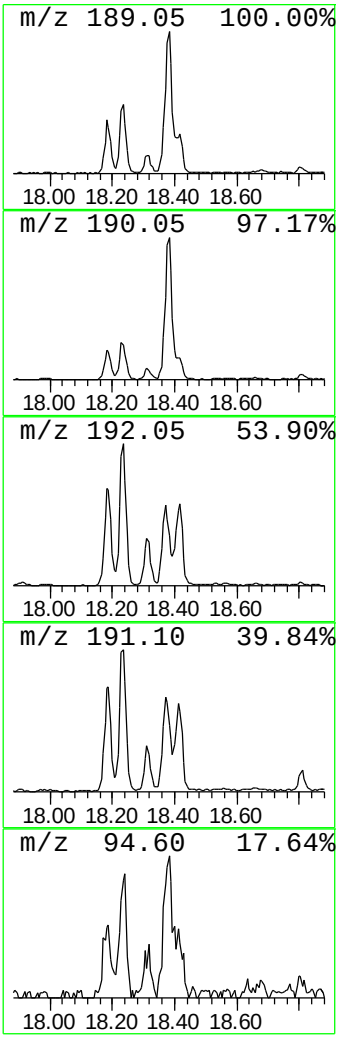
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.80 ng/ul	225162	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42





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Instrument : BNA_G
ClientSampleId : BFMA4

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Quant Title : SVOA CALIBRATION

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

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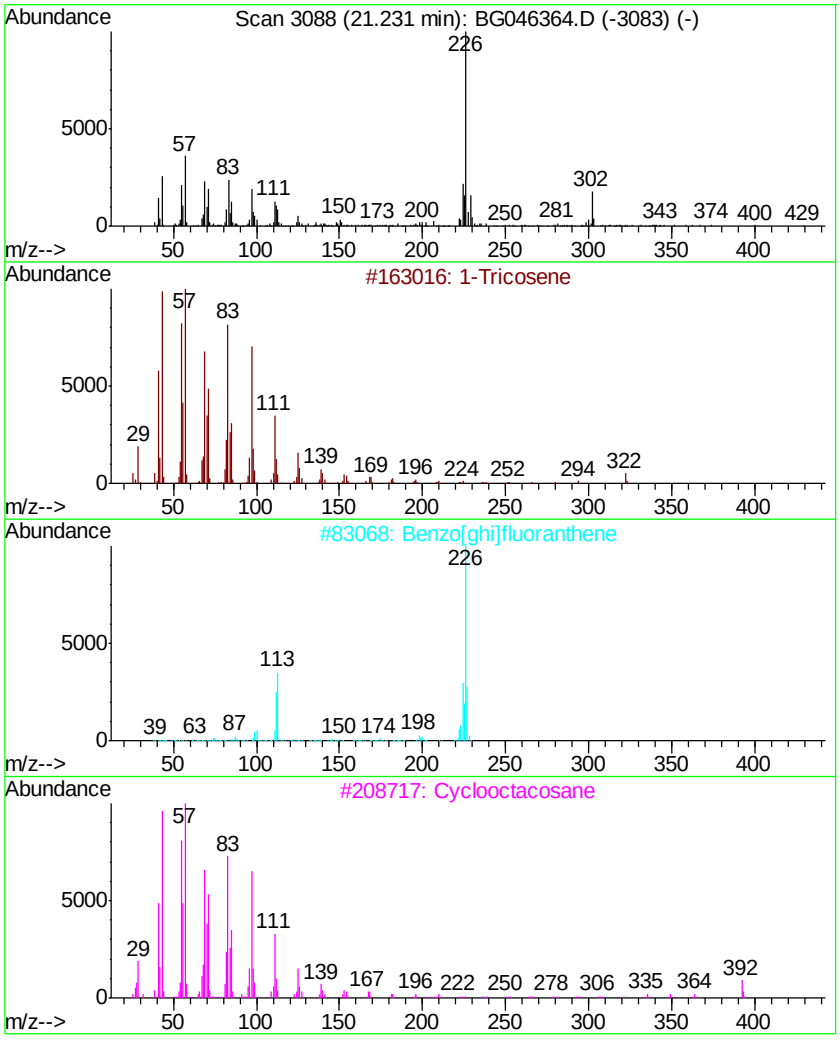
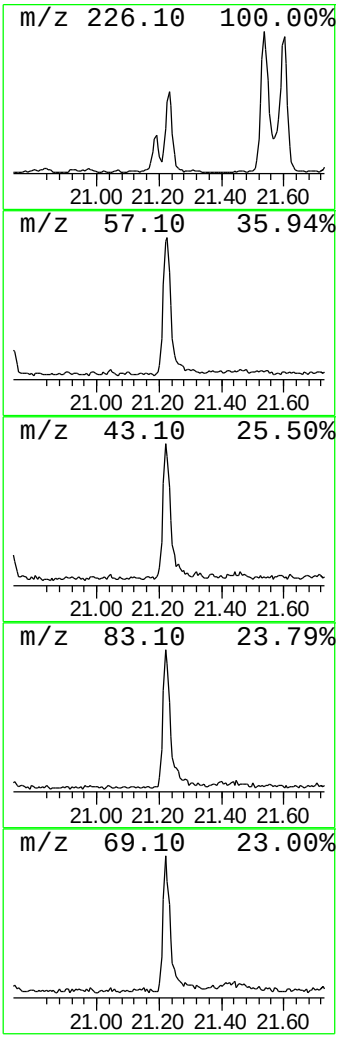
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	3.41 ng/ul	473448	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	38
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	30
3	Cyclooctacosane	392	C28H56	000297-24-5	30
4	1-Heptacosanol	396	C27H56O	002004-39-9	30
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046364.D
Acq On : 20 Aug 2020 4:08
Operator : CG/JU
Sample : L3633-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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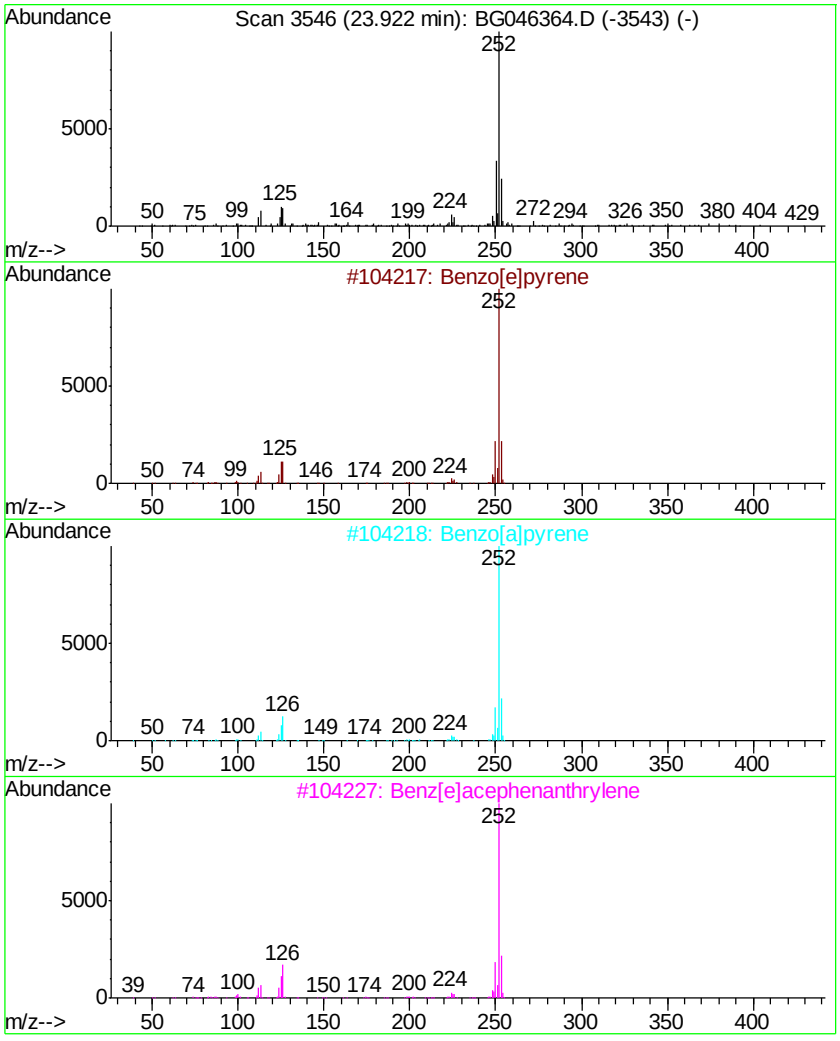
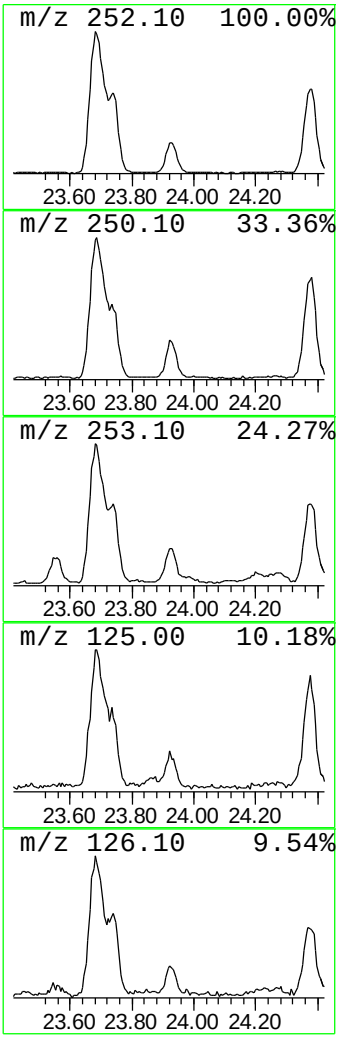
Peak Number 17 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	2.15 ng/ul	177492	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
5	Perylene	252	C20H12	000198-55-0	81





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Data File : BG046364.D
Acq On : 20 Aug 2020 4:08
Operator : CG/JU
Sample : L3633-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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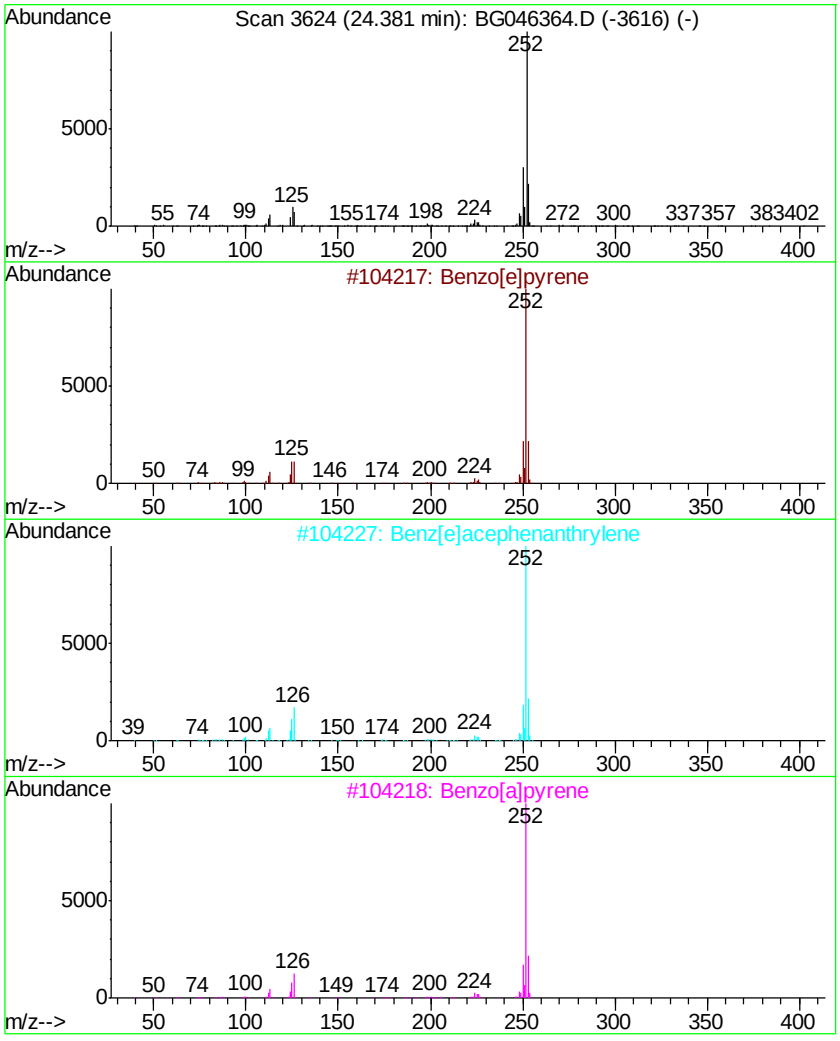
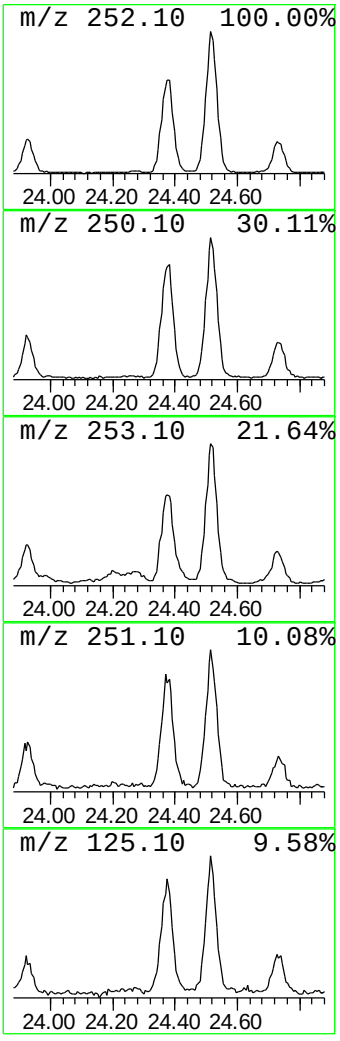
Peak Number 18 Benzo[j]fluoranthene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.38	5.96 ng/ul	492904	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046364.D
Acq On : 20 Aug 2020 4:08
Operator : CG/JU
Sample : L3633-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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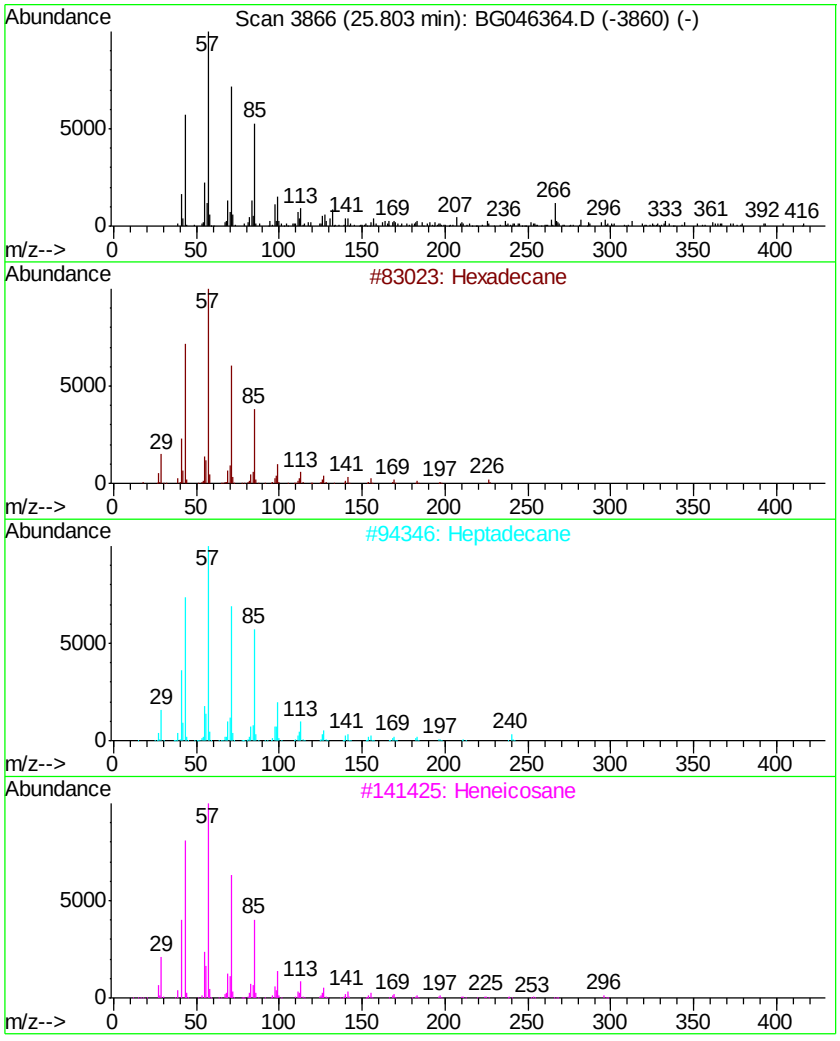
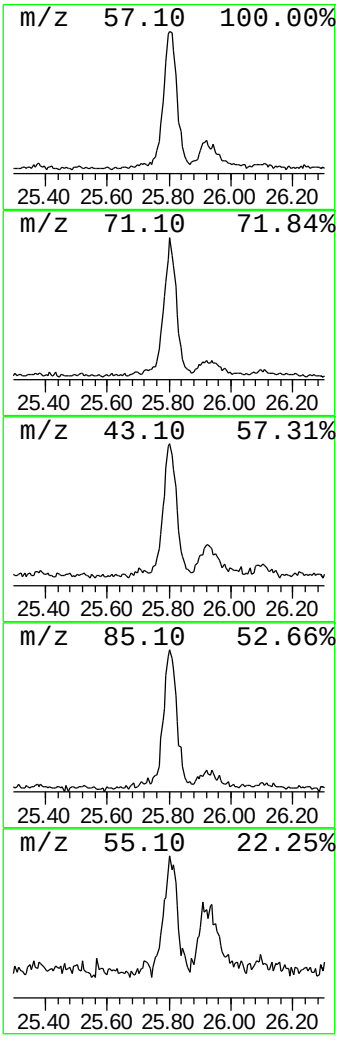
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.80	3.05 ng/ul	252009	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046364.D
Acq On : 20 Aug 2020 4:08
Operator : CG/JU
Sample : L3633-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.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
Butane, 2-methoxy...	3.14	71.0	ng/ul	1996220	1	7.94	562209	20.0
unknown-01	3.92	2.9	ng/ul	80532	1	7.94	562209	20.0
Hexanoic acid, an...	7.11	17.4	ng/ul	488543	1	7.94	562209	20.0
unknown-02	7.27	13.4	ng/ul	375554	1	7.94	562209	20.0
unknown-03	7.47	18.1	ng/ul	508941	1	7.94	562209	20.0
unknown-04	8.65	19.2	ng/ul	539697	1	7.94	562209	20.0
1H-Imidazole, 4-m...	9.09	17.3	ng/ul	487078	1	7.94	562209	20.0
unknown-05	9.82	9.5	ng/ul	412786	2	10.73	869573	20.0
unknown-06	10.86	10.5	ng/ul	455358	2	10.73	869573	20.0
unknown-07	13.97	15.7	ng/ul	1024850	3	14.57	1303730	20.0
unknown-08	14.76	6.4	ng/ul	414618	3	14.57	1303730	20.0
unknown-09	15.67	6.3	ng/ul	409647	3	14.57	1303730	20.0
Anthracene, 9-met...	18.19	2.1	ng/ul	165561	4	17.31	1607680	20.0
Phenanthrene, 2-m...	18.23	2.4	ng/ul	195399	4	17.31	1607680	20.0
4H-Cyclopenta[def...	18.38	2.8	ng/ul	225162	4	17.31	1607680	20.0
(DEL) Alkane: Str...	21.23	3.4	ng/ul	473448	5	21.55	2780710	20.0
Benzo[e]pyrene	23.92	2.1	ng/ul	177492	6	24.66	1654050	20.0
Benzo[j]fluoranthene	24.38	6.0	ng/ul	492904	6	24.66	1654050	20.0
(DEL) Alkane: Str...	25.80	3.0	ng/ul	252009	6	24.66	1654050	20.0