

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042094.D
 Acq On : 9 Aug 2019 9:31
 Operator : HP/JU
 Sample : K4147-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AM6

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:18:33 AM

Quant Time: Aug 09 17:29:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 16:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	80087	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	327231	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	229297	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	462027	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	452873	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	543144	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	5781	3.16	ng/uL	0.01
5) Phenol-d5	7.18	99	133559	21.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	68221	19.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	124182	23.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	114893	21.77	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	61666	25.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	75480	26.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	139353	24.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	157183	24.53	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	444900	25.02	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	499261	24.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	54094	18.12	ng/ul	0.00
57) Fluorene-d10	15.68	176	381707	24.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	68184	23.00	ng/ul	0.00
70) Anthracene-d10	17.54	188	574206	25.90	ng/ul	0.00
78) Pyrene-d10	19.83	212	638650	25.27	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	752580	26.52	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.21	94	7825	1.206	ng/ul 95
44) Dimethylphthalate	14.13	163	102939	5.830	ng/ul 98
69) Phenanthrene	17.48	178	28145	1.113	ng/ul 97
76) Fluoranthene	19.49	202	78096m	2.672	ng/ul
79) Pyrene	19.86	202	64069	2.103	ng/ul# 95
82) Benzo(a)anthracene	21.70	228	34306	1.093	ng/ul 95
84) Chrysene	21.77	228	29505	1.007	ng/ul# 95
87) Benzo(b)fluoranthene	23.95	252	36096	1.059	ng/ul# 90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

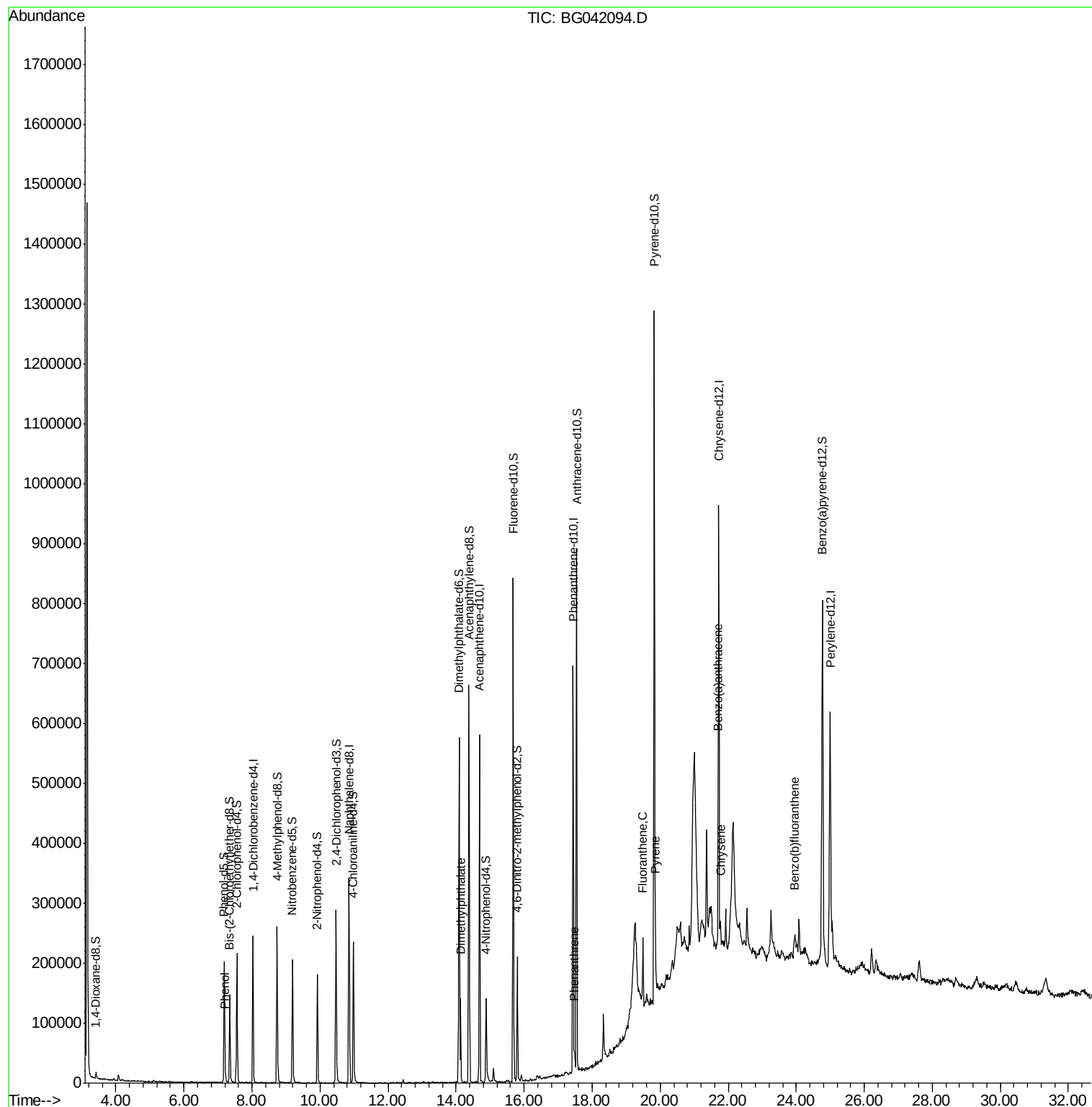
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
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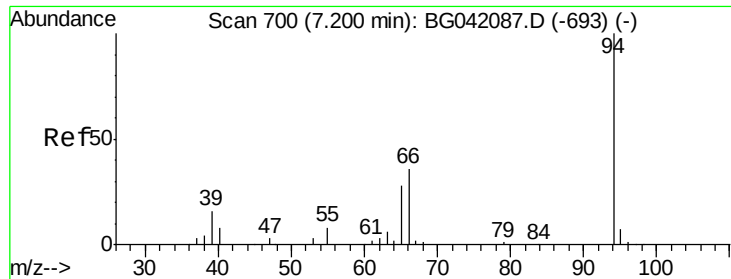
Instrument :
BNA_G
ClientSampleId :
C0AM6

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#6

Phenol

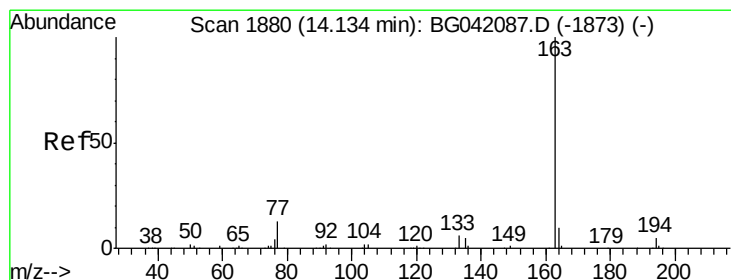
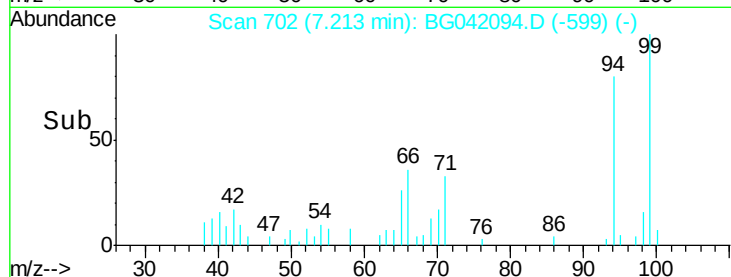
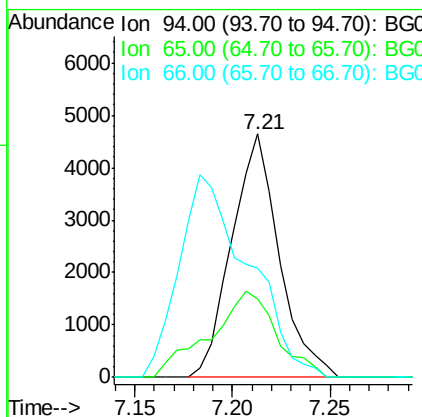
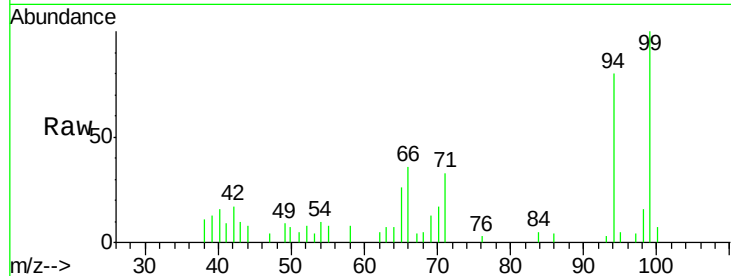
Concen: 1.206 ng/ul
 RT: 7.21 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: BG042094.D
 Acq: 9 Aug 2019 9:31

Instrument :
 BNA_G
 ClientSampled :
 C0AM6

Tot Ion	Ratio	Lower	Upper
94	100		
65	32.2	25.8	38.6
66	45.1	31.8	47.8

Manual Integrations
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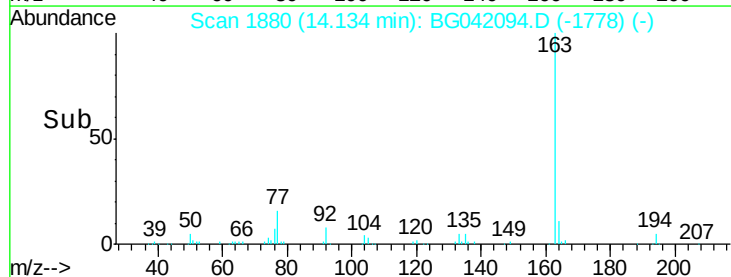
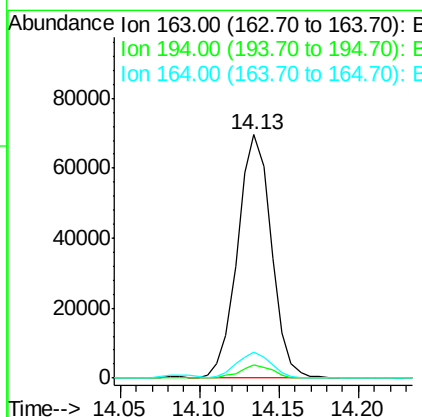
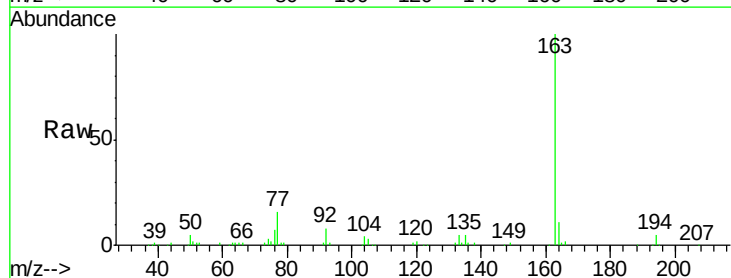


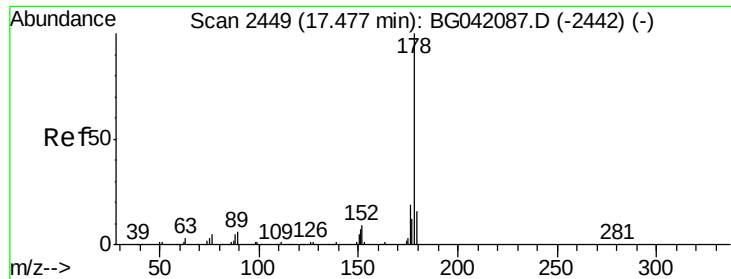
#44

Dimethylphthalate

Concen: 5.830 ng/ul
 RT: 14.13 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BG042094.D
 Acq: 9 Aug 2019 9:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.3	4.2	6.2
164	10.7	7.8	11.8





#69

Phenanthrene

Concen: 1.113 ng/ul

RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG042094.D

Acq: 9 Aug 2019 9:31

Instrument :

BNA_G

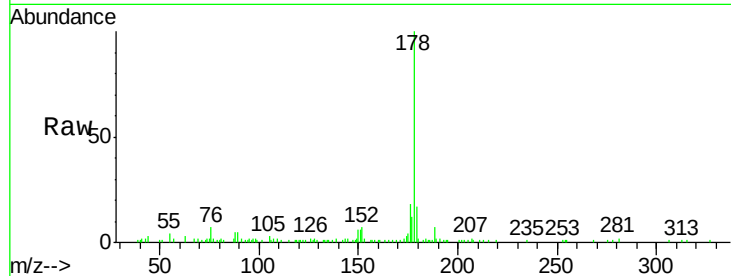
ClientSampled :

C0AM6

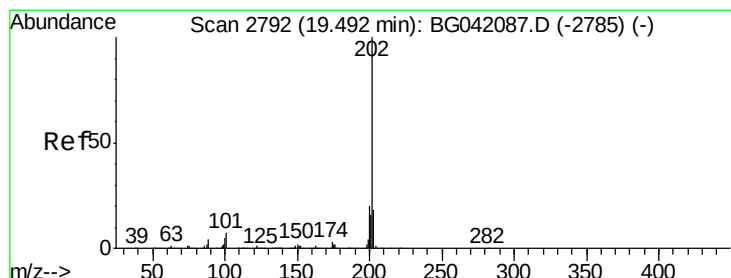
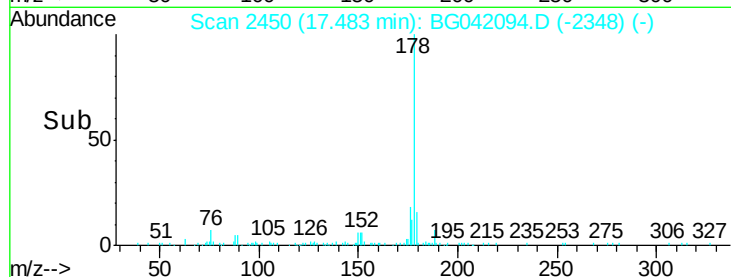
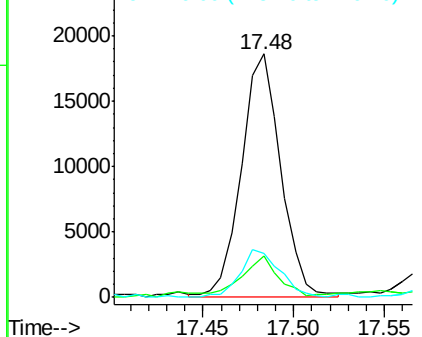
Tot Ion:	178	Resp:	28145
Ion Ratio	Lower	Upper	
178	100		
179	17.0	12.8	19.2
176	18.0	15.4	23.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#76

Fluoranthene

Concen: 2.672 ng/ul m

RT: 19.49 min Scan# 2792

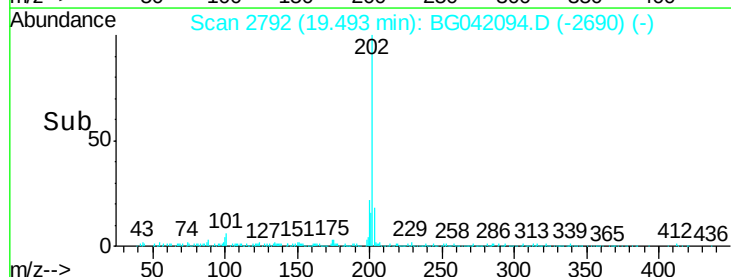
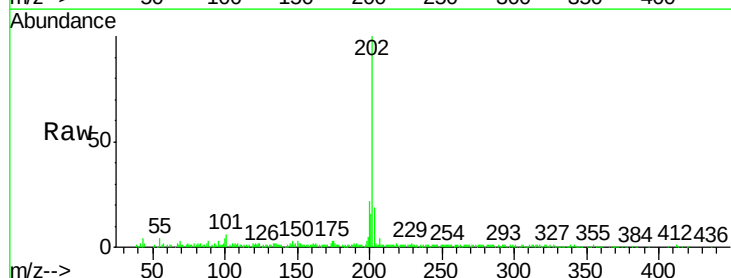
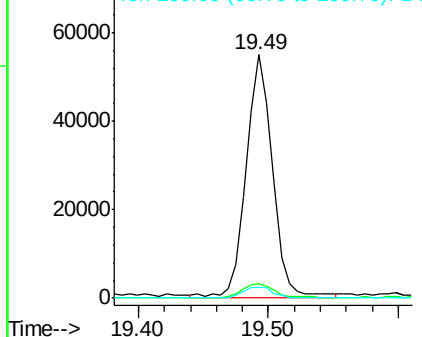
Delta R.T. 0.00 min

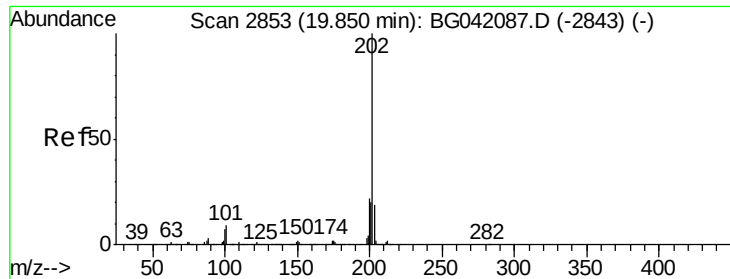
Lab File: BG042094.D

Acq: 9 Aug 2019 9:31

Tgt Ion:	202	Resp:	78096
Ion Ratio	Lower	Upper	
202	100		
101	6.1	6.7	10.1#
100	4.2	5.3	7.9#

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





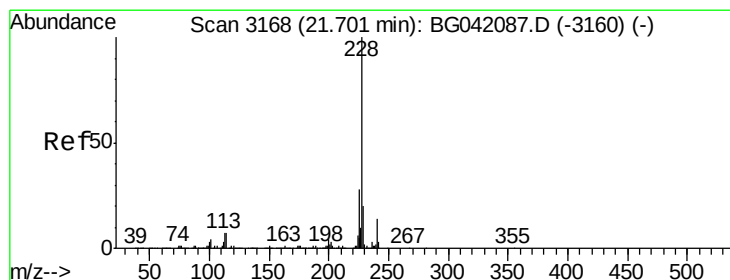
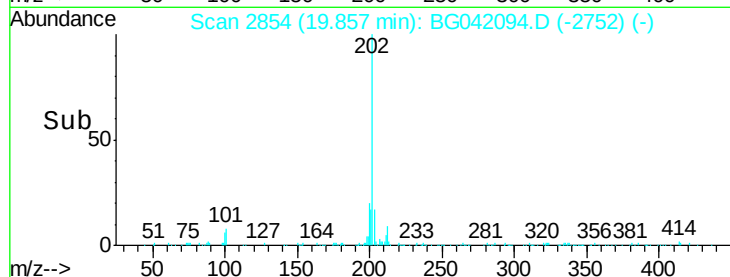
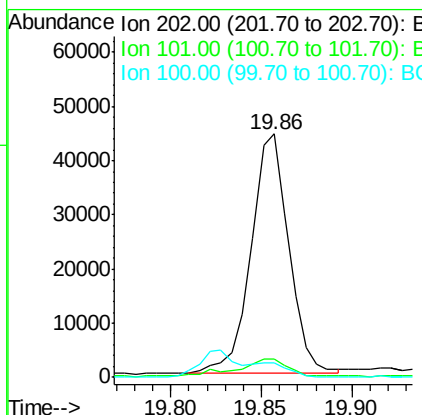
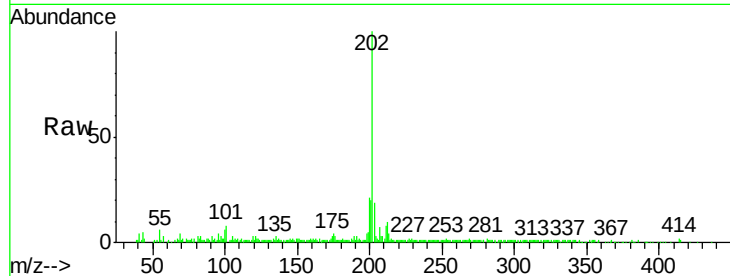
#79
Pvrene
Concen: 2.103 ng/ul
RT: 19.86 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG042094.D
Acq: 9 Aug 2019 9:31

Instrument :
BNA_G
ClientSampleId :
C0AM6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.8	7.6	11.4
100	6.1	6.5	9.7#

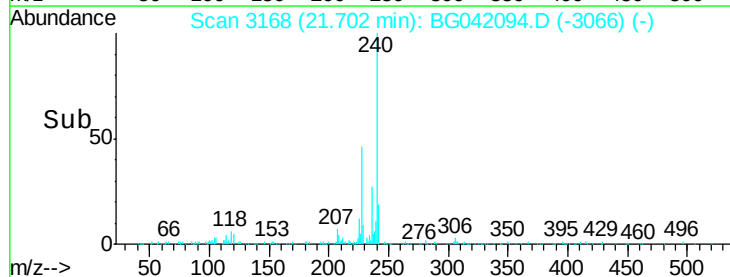
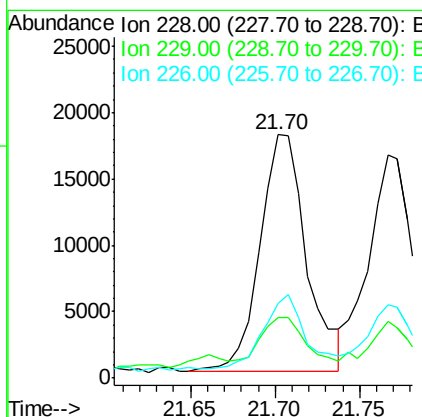
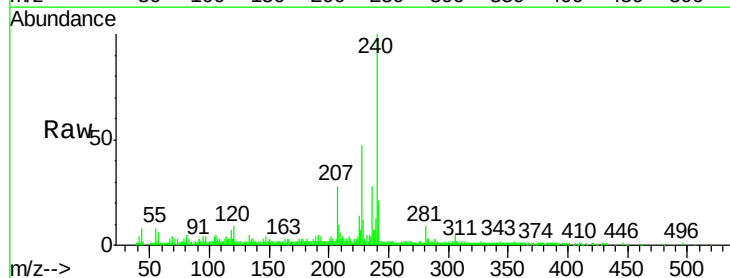
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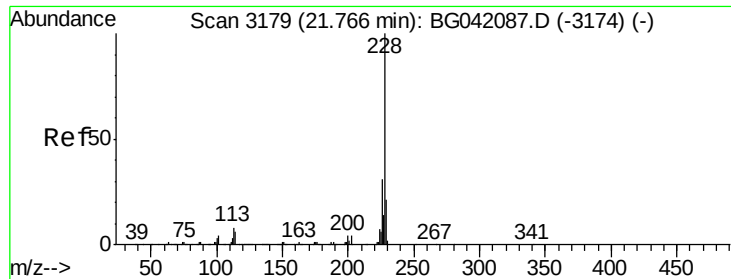
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#82
Benzo(a)anthracene
Concen: 1.093 ng/ul
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG042094.D
Acq: 9 Aug 2019 9:31

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	25.1	17.0	25.6
226	30.9	23.3	34.9





#84

Chrysene

Concen: 1.007 ng/ul

RT: 21.77 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG042094.D

Acq: 9 Aug 2019 9:31

Instrument :

BNA_G

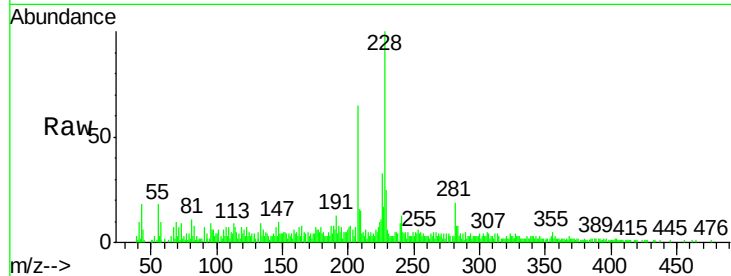
ClientSampled :

C0AM6

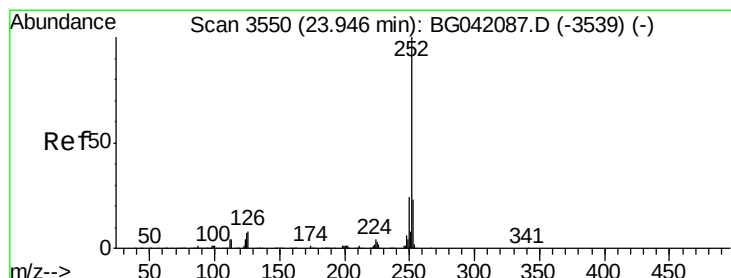
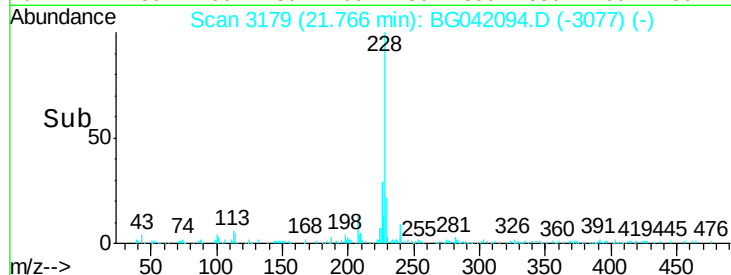
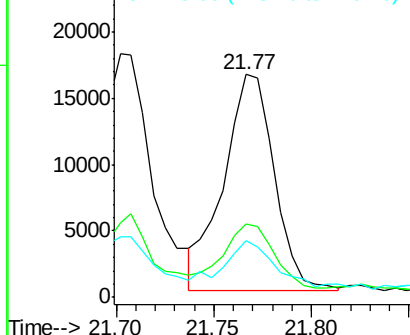
Tot Ion:	228	Resp:	29505
Ion Ratio	Lower	Upper	
228	100		
226	32.8	25.7	38.5
229	25.4	16.6	24.8#

Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 1.059 ng/ul

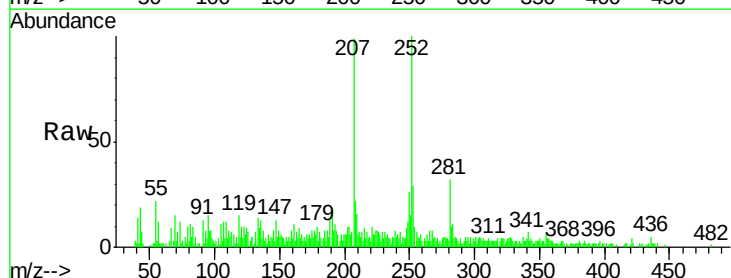
RT: 23.95 min Scan# 3551

Delta R.T. 0.01 min

Lab File: BG042094.D

Acq: 9 Aug 2019 9:31

Tgt Ion:	252	Resp:	36096
Ion Ratio	Lower	Upper	
252	100		
253	28.5	18.4	27.6#
125	8.9	5.8	8.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

