

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
 Data File : BG042021.D
 Acq On : 7 Aug 2019 8:34
 Operator : HP/JU
 Sample : K4028-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENZ1

Manual Integrations
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 8/7/2019 4:40:29 PM

Quant Time: Aug 07 11:07:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 07 10:54:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	61104	20.00	ng/ul	0.02
18) Naphthalene-d8	10.87	136	263070	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.70	164	200143	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.45	188	461018	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	434169	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	517935	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	4769	3.41	ng/uL	0.01
5) Phenol-d5	7.20	99	96034	20.03	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.36	67	52980	19.75	ng/ul	0.02
9) 2-Chlorophenol-d4	7.58	132	90562	22.09	ng/ul	0.02
13) 4-Methylphenol-d8	8.76	113	74012	18.38	ng/ul	0.02
19) Nitrobenzene-d5	9.21	128	45109	22.78	ng/ul	0.02
22) 2-Nitrophenol-d4	9.94	143	53828	23.41	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.48	165	103627	22.33	ng/ul	0.02
29) 4-Chloroaniline-d4	11.00	131	95130	18.47	ng/ul	0.02
43) Dimethylphthalate-d6	14.10	166	382797	24.66	ng/ul	0.01
46) Acenaphthylene-d8	14.39	160	436992	24.64	ng/ul	0.01
51) 4-Nitrophenol-d4	14.88	143	45139	17.32	ng/ul	0.00
57) Fluorene-d10	15.69	176	352544	25.53	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.80	200	59436	20.09	ng/ul	0.00
70) Anthracene-d10	17.55	188	581030	26.27	ng/ul	0.01
78) Pyrene-d10	19.83	212	658253	27.17	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	736391	27.22	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	7.22	94	5655	1.142	ng/ul 90
44) Dimethylphthalate	14.14	163	134799	8.746	ng/ul 98
69) Phenanthrene	17.49	178	218001	8.638	ng/ul 99
71) Anthracene	17.58	178	32301	1.262	ng/ul 97
74) Carbazole	17.85	167	29222	1.378	ng/ul 94
76) Fluoranthene	19.50	202	656332	22.507	ng/ul 97
79) Pyrene	19.86	202	566719	19.405	ng/ul 98
82) Benzo(a)anthracene	21.71	228	299042	9.934	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.62	149	22650	1.444	ng/ul 96
84) Chrysene	21.77	228	369496	13.151	ng/ul 97
87) Benzo(b)fluoranthene	23.96	252	545197	16.774	ng/ul 99
88) Benzo(k)fluoranthene	24.02	252	183842m	5.883	ng/ul
90) Benzo(a)pyrene	24.84	252	350306	11.310	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	28.72	276	279082	7.725	ng/ul 99
92) Dibenzo(a,h)anthracene	28.76	278	67637m	2.295	ng/ul
93) Benzo(g,h,i)perylene	29.88	276	278705	9.240	ng/ul 98

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

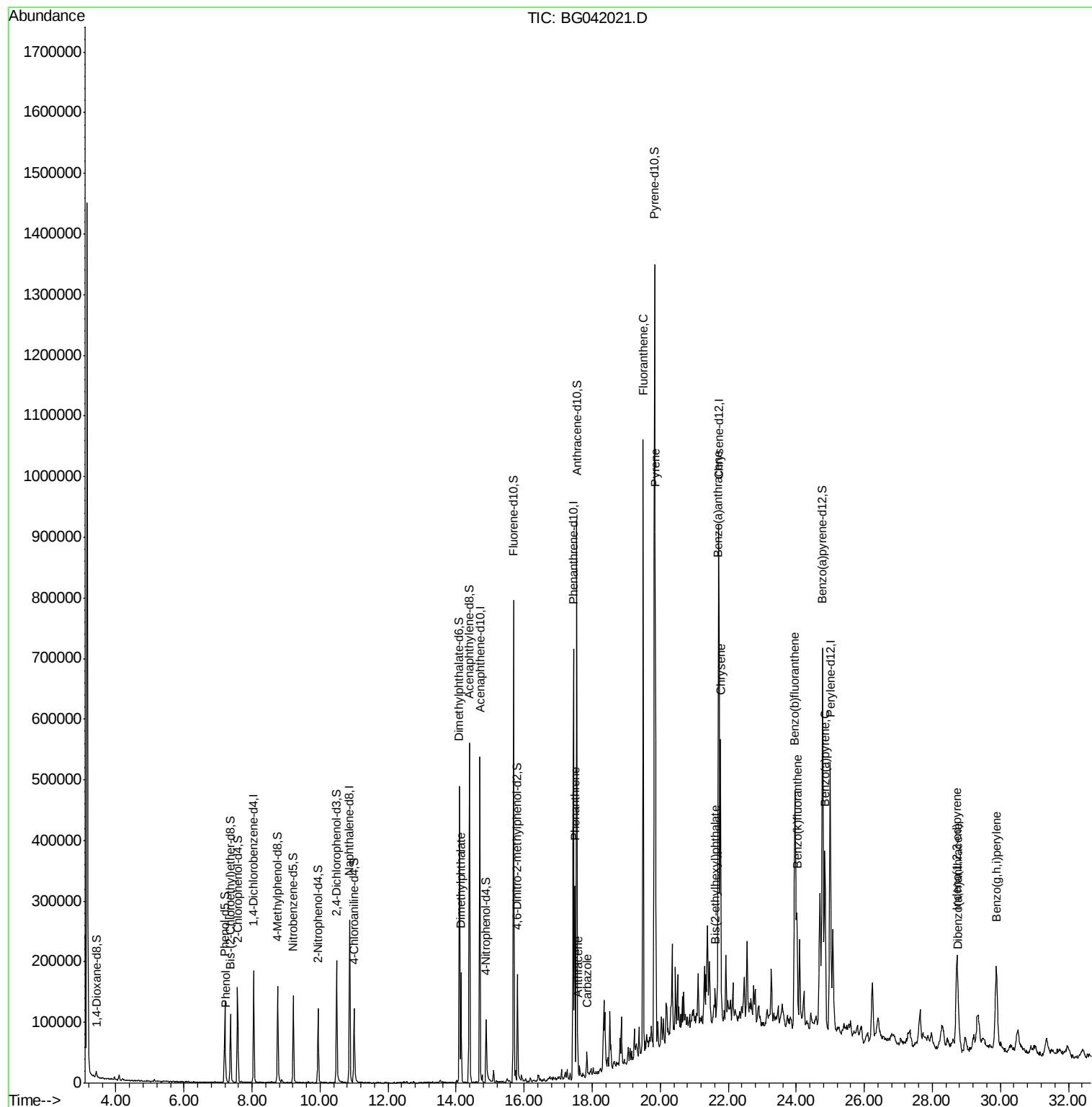
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042021.D
Acq On : 7 Aug 2019 8:34
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

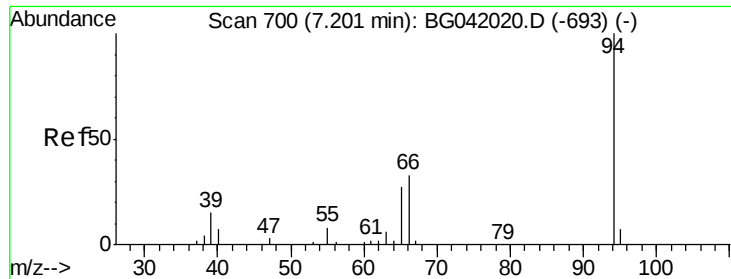
Instrument :
BNA_G
ClientSampled :
BENZ1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
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#6

Phenol

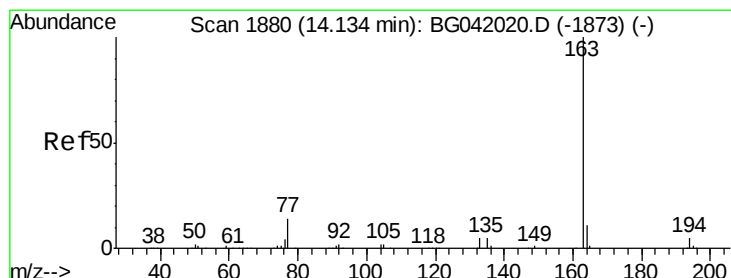
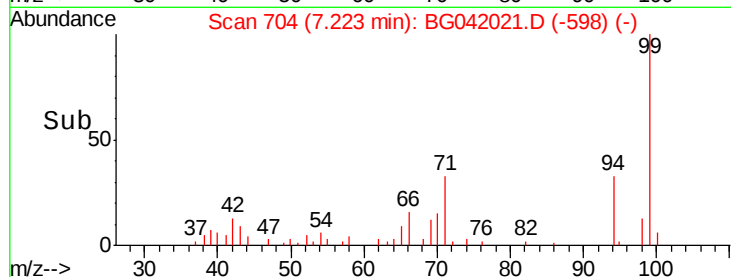
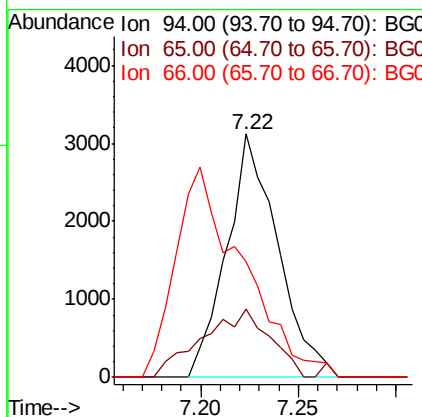
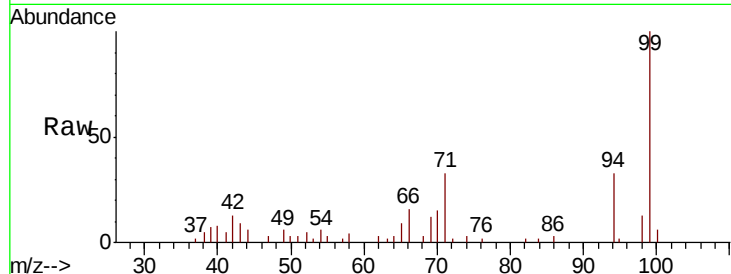
Concen: 1.142 ng/ul
 RT: 7.22 min Scan# 704
 Delta R.T. 0.02 min
 Lab File: BG042021.D
 Acq: 7 Aug 2019 8:34

Instrument :
 BNA_G
 ClientSampleId :
 BENZ1

Tot Ion	Ratio	Lower	Upper
94	100		
65	28.0	25.8	38.6
66	47.7	31.8	47.8

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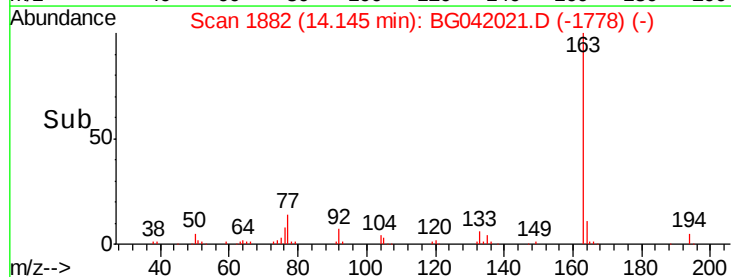
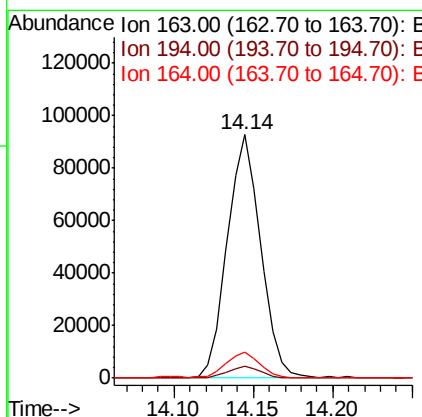
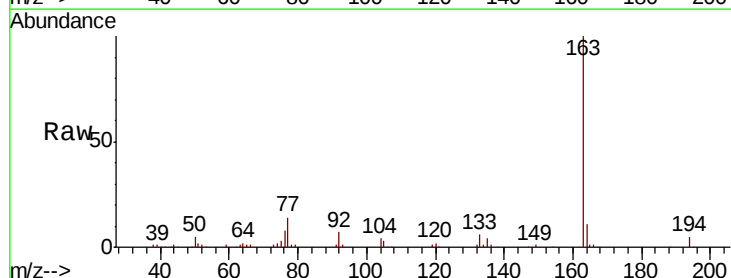


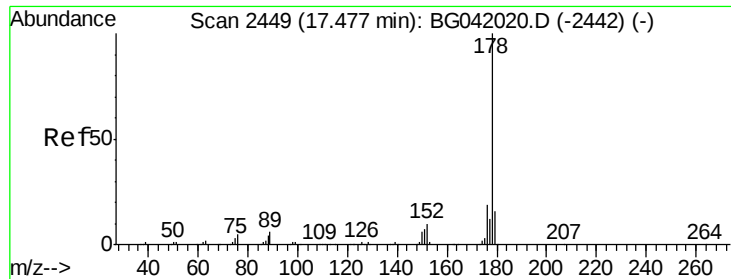
#44

Dimethylphthalate

Concen: 8.746 ng/ul
 RT: 14.14 min Scan# 1882
 Delta R.T. 0.01 min
 Lab File: BG042021.D
 Acq: 7 Aug 2019 8:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.2	6.2
164	10.7	7.8	11.8





#69

Phenanthrene

Concen: 8.638 ng/ul

RT: 17.49 min Scan# 2451

Delta R.T. 0.01 min

Lab File: BG042021.D

Acq: 7 Aug 2019 8:34

Instrument :

BNA_G

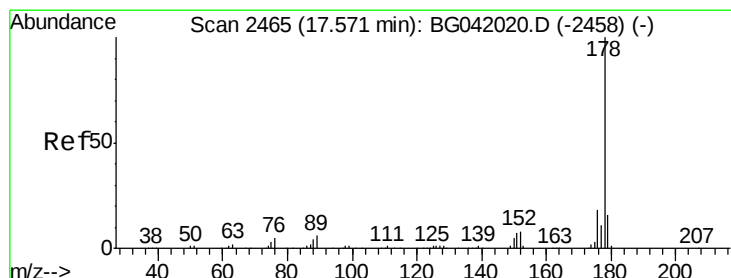
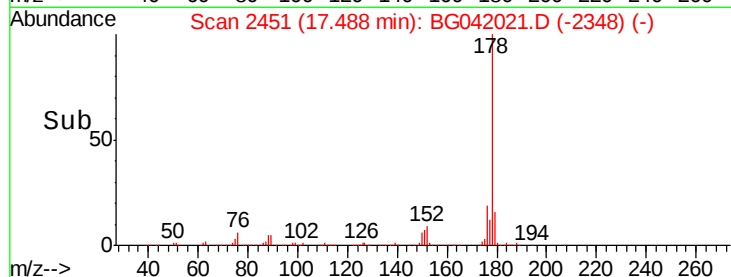
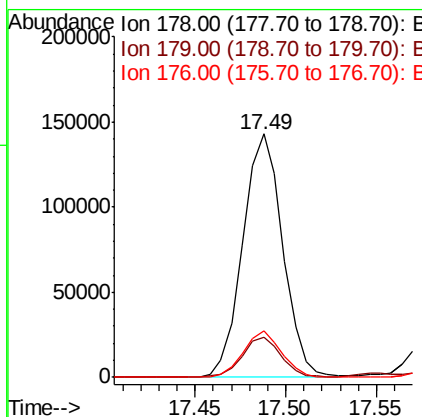
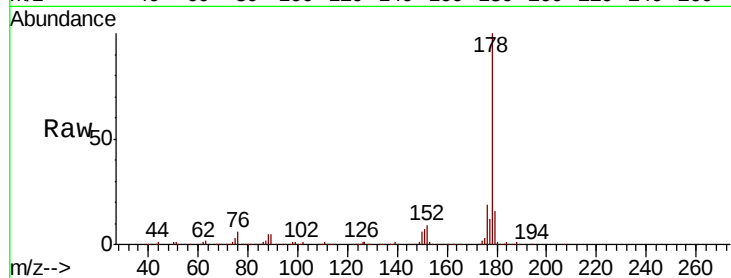
ClientSampleId :

BENZ1

Tot Ion:	178	Resp:	218001
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.8	19.2
176	18.9	15.4	23.2

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#71

Anthracene

Concen: 1.262 ng/ul

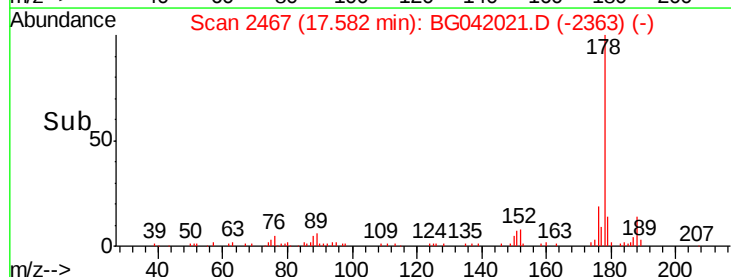
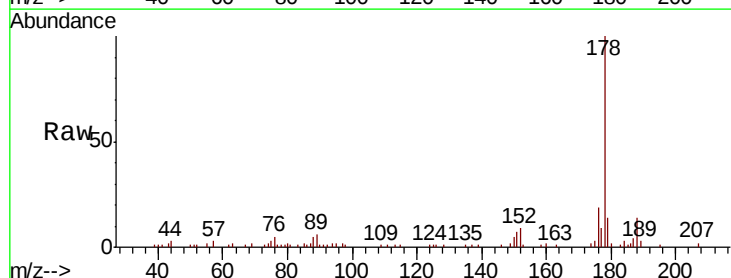
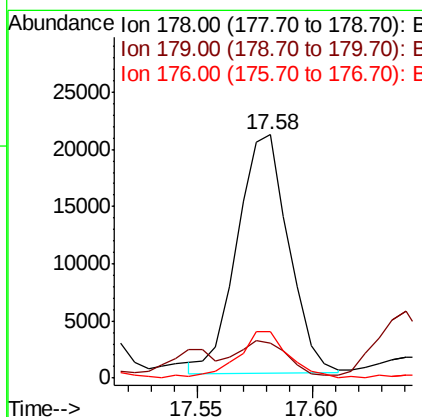
RT: 17.58 min Scan# 2467

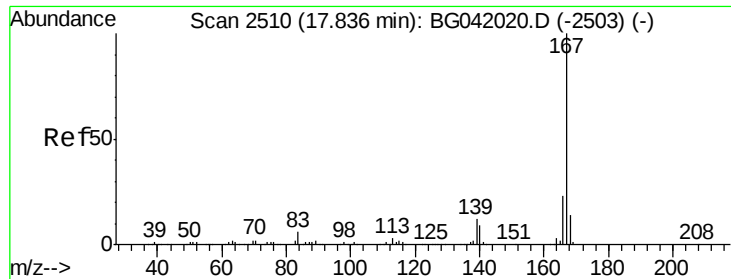
Delta R.T. 0.01 min

Lab File: BG042021.D

Acq: 7 Aug 2019 8:34

Tgt Ion:	178	Resp:	32301
Ion Ratio	Lower	Upper	
178	100		
179	14.4	13.4	20.0
176	19.0	15.4	23.2





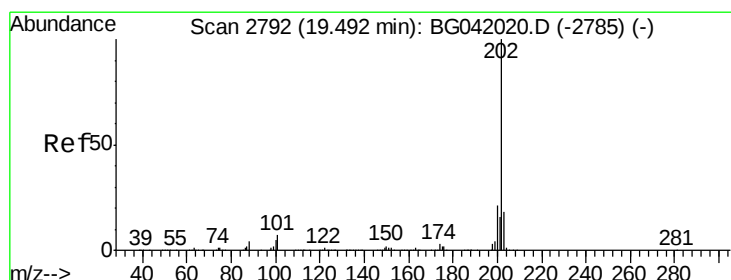
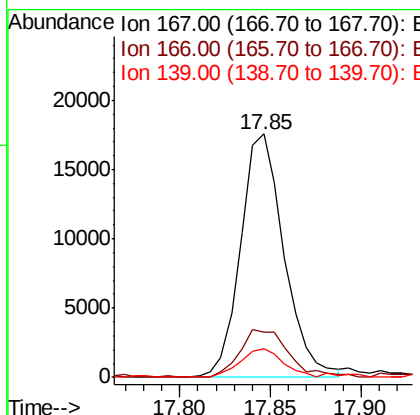
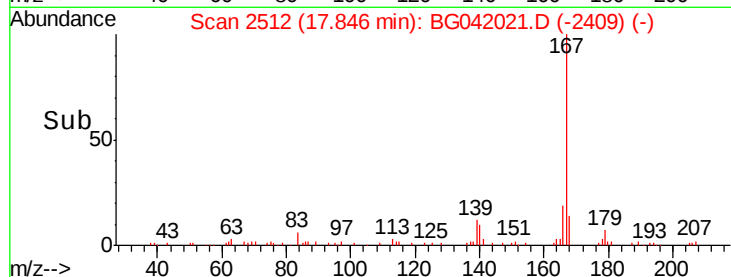
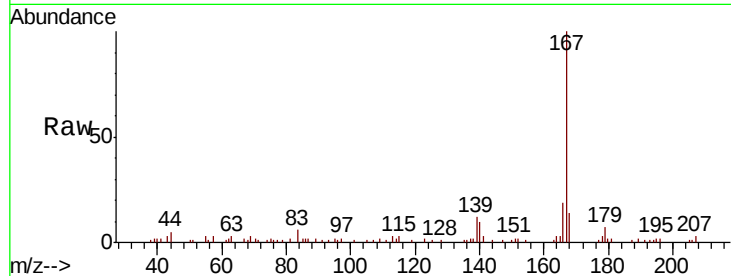
#74
 Carbazole
 Concen: 1.378 ng/ul
 RT: 17.85 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BG042021.D
 Acq: 7 Aug 2019 8:34

Instrument :
 BNA_G
 ClientSampleId :
 BENZ1

Tot Ion	Ratio	Lower	Upper
167	100		
166	18.8	18.2	27.4
139	11.5	9.6	14.4

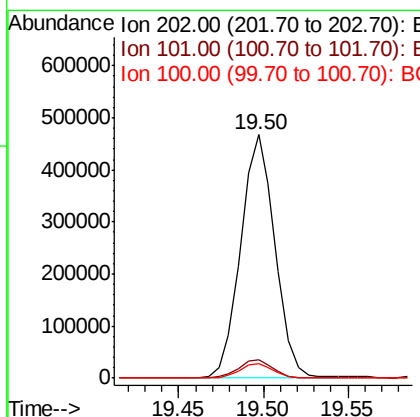
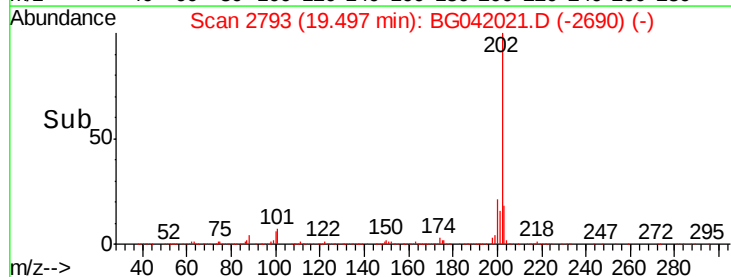
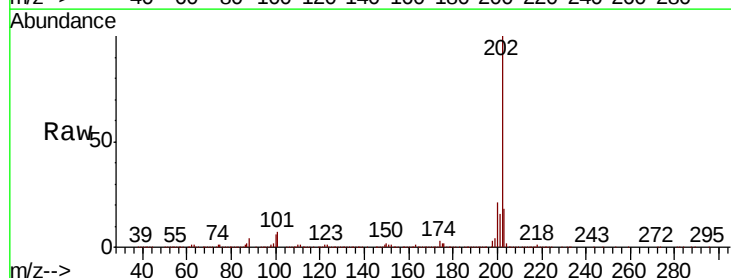
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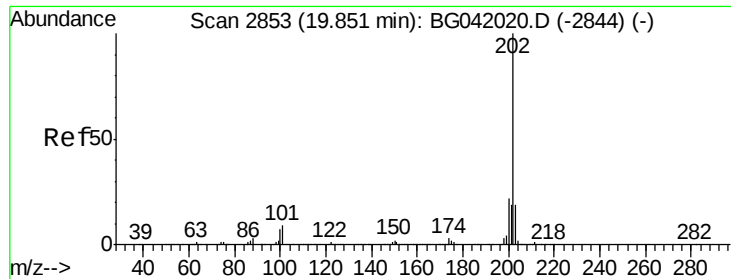
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#76
 Fluoranthene
 Concen: 22.507 ng/ul
 RT: 19.50 min Scan# 2793
 Delta R.T. 0.01 min
 Lab File: BG042021.D
 Acq: 7 Aug 2019 8:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.7	10.1
100	5.7	5.3	7.9





#79

Pvrene

Concen: 19.405 ng/ul

RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG042021.D

Acq: 7 Aug 2019 8:34

Instrument :

BNA_G

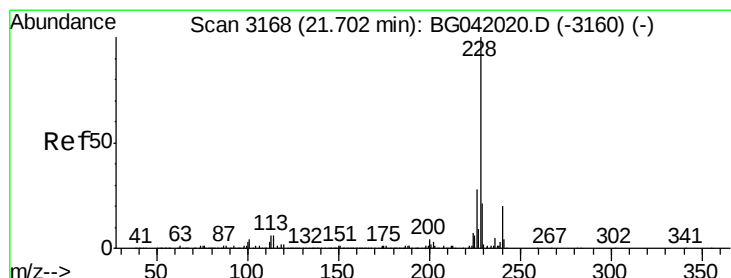
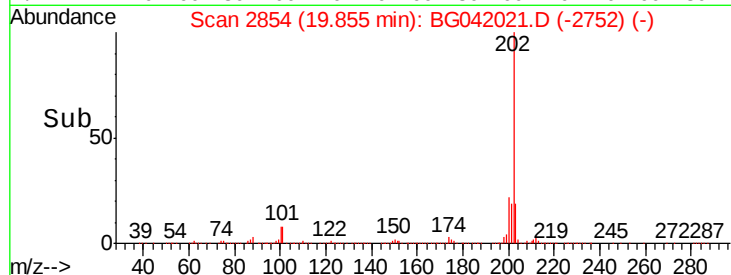
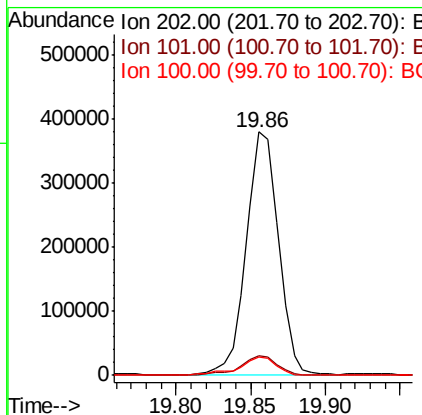
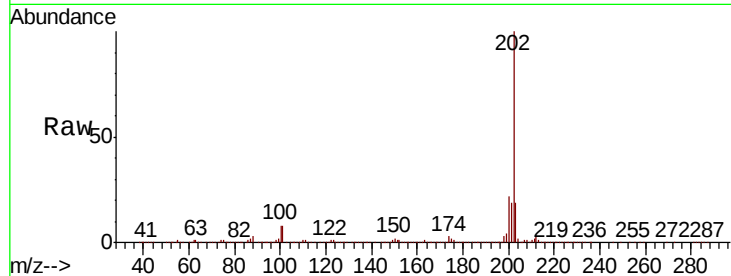
ClientSampleId :

BENZ1

Tot Ion:	202	Resp:	566719
Ion Ratio	Lower	Upper	
202	100		
101	8.3	7.6	11.4
100	7.7	6.5	9.7

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#82

Benzo(a)anthracene

Concen: 9.934 ng/ul

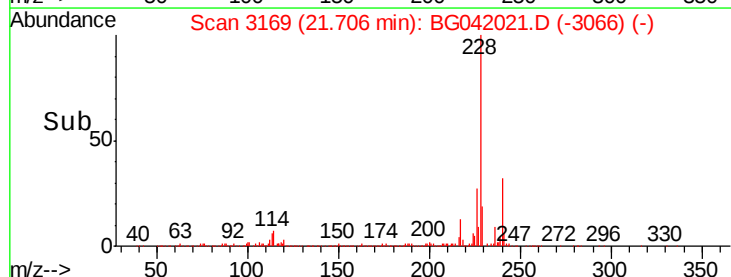
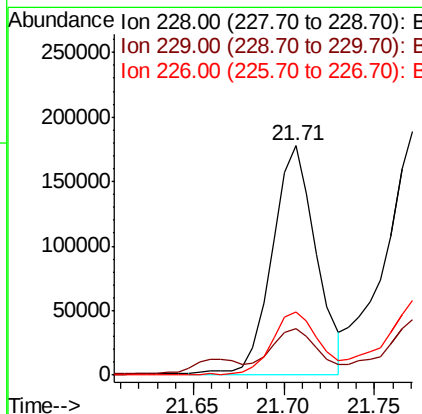
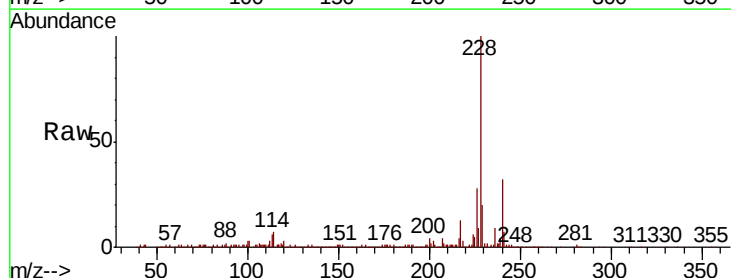
RT: 21.71 min Scan# 3169

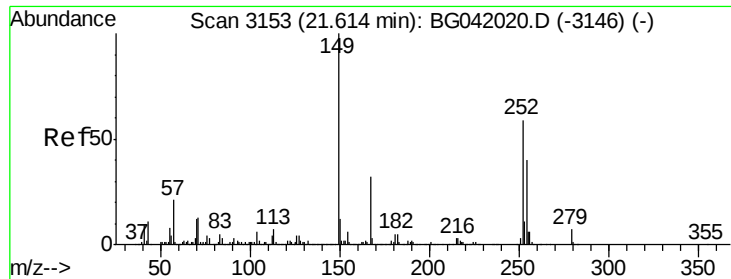
Delta R.T. 0.01 min

Lab File: BG042021.D

Acq: 7 Aug 2019 8:34

Tgt Ion:	228	Resp:	299042
Ion Ratio	Lower	Upper	
228	100		
229	20.3	17.0	25.6
226	27.6	23.3	34.9





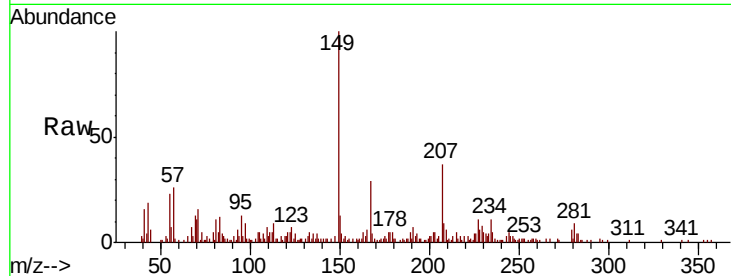
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.444 ng/ul
 RT: 21.62 min Scan# 3154
 Delta R.T. 0.01 min
 Lab File: BG042021.D
 Acq: 7 Aug 2019 8:34

Instrument :
 BNA_G
 ClientSampleId :
 BENZ1

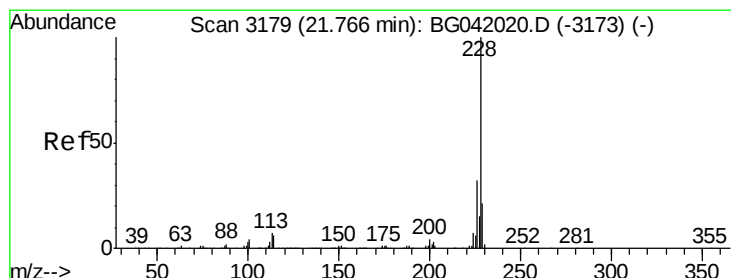
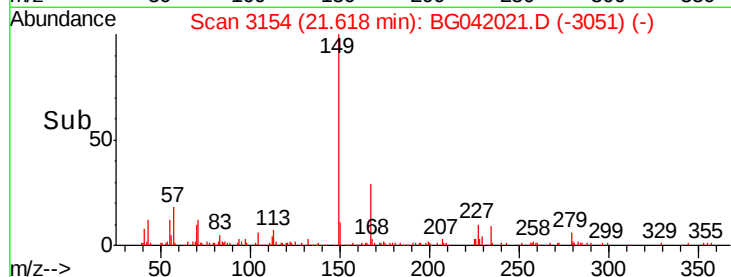
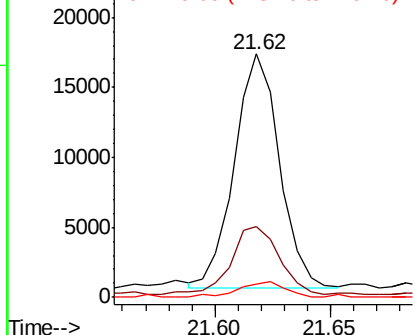
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.2	25.0	37.4
279	5.5	5.2	7.8

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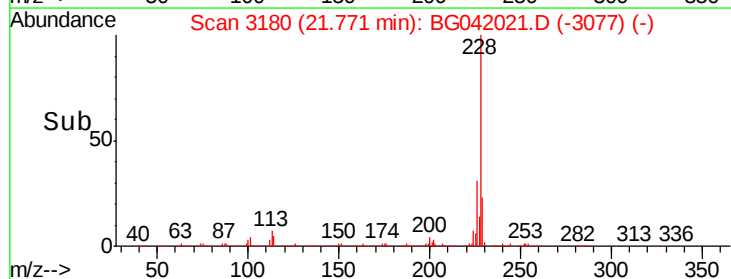
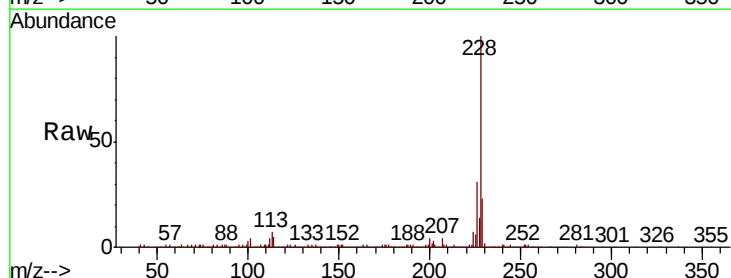
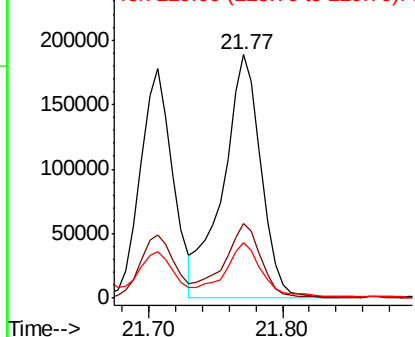
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

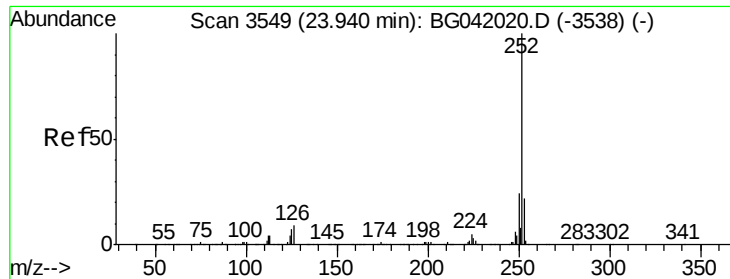


#84
 Chrysene
 Concen: 13.151 ng/ul
 RT: 21.77 min Scan# 3180
 Delta R.T. 0.01 min
 Lab File: BG042021.D
 Acq: 7 Aug 2019 8:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.7	38.5
229	22.9	16.6	24.8

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: 16.774 ng/uL

RT: 23.96 min Scan# 3553

Delta R.T. 0.01 min

Lab File: BG042021.D

Acq: 7 Aug 2019 8:34

Instrument :

BNA_G

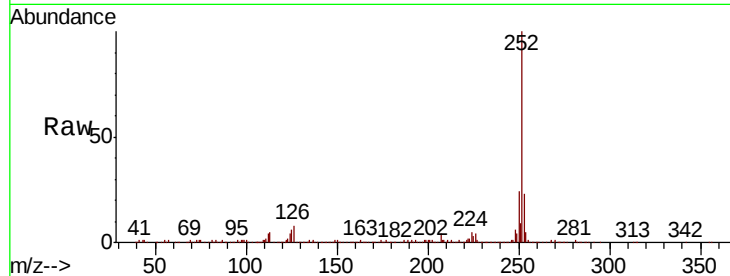
ClientSampled :

BENZ1

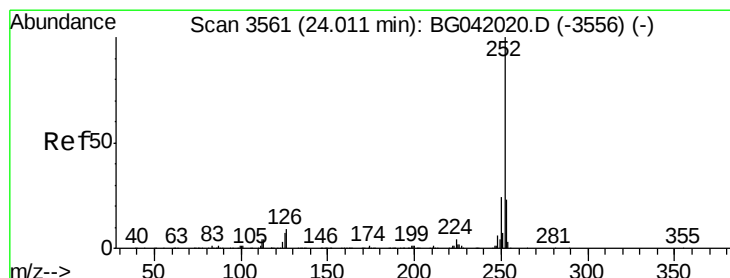
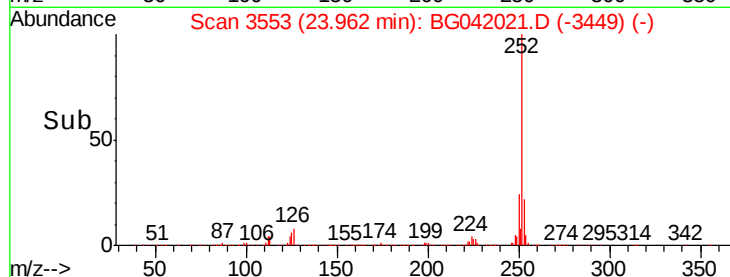
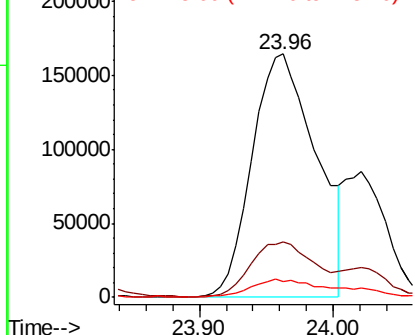
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	6.3	5.8	8.8

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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



#88

Benzo(k)fluoranthene

Concen: 5.883 ng/uL

RT: 24.02 min Scan# 3563

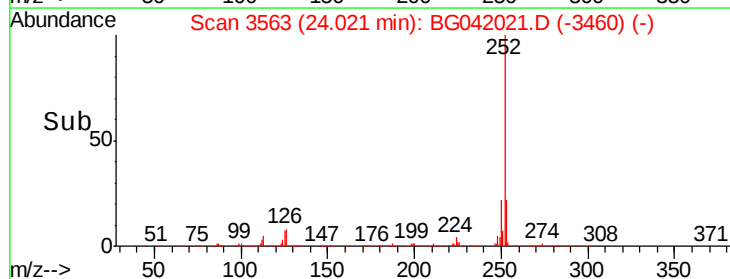
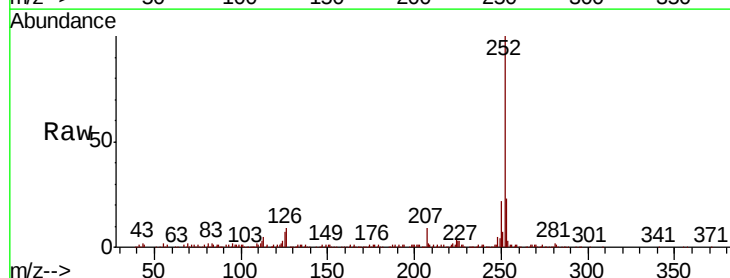
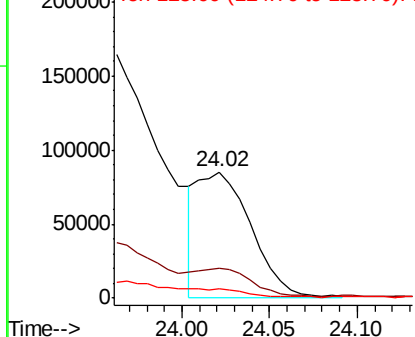
Delta R.T. 0.01 min

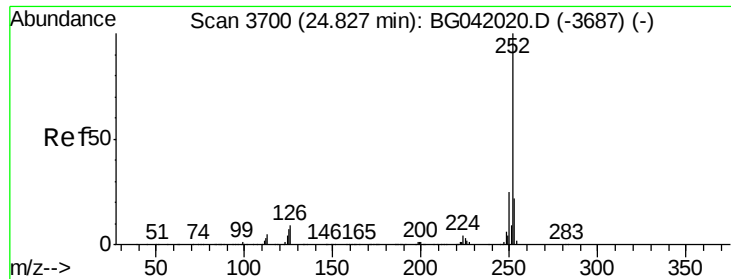
Lab File: BG042021.D

Acq: 7 Aug 2019 8:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	7.5	5.5	8.3

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





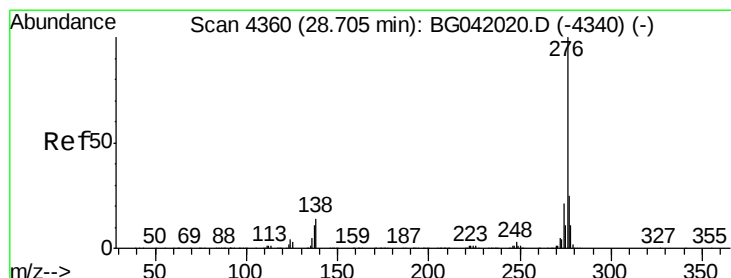
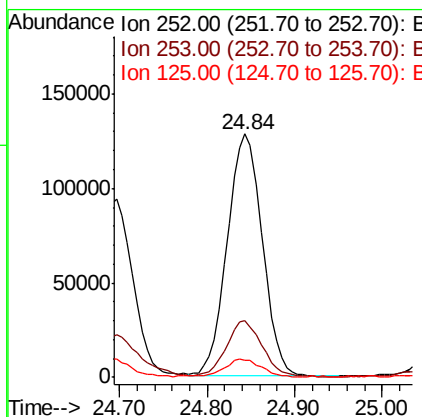
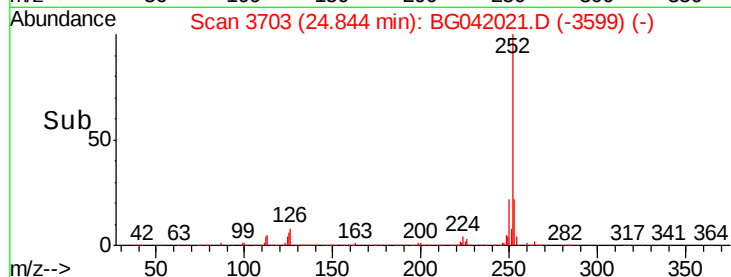
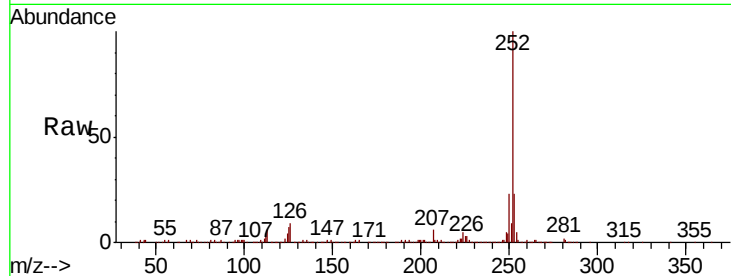
#90
Benzo(a)pyrene
Concen: 11.310 ng/ul
RT: 24.84 min Scan# 3703
Delta R.T. 0.01 min
Lab File: BG042021.D
Acq: 7 Aug 2019 8:34

Instrument :
BNA_G
ClientSampleId :
BENZ1

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	18.3	27.5
125	6.8	6.5	9.7

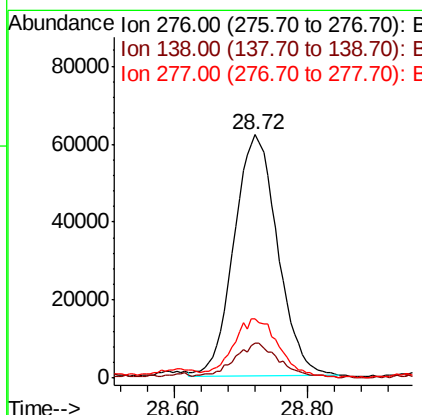
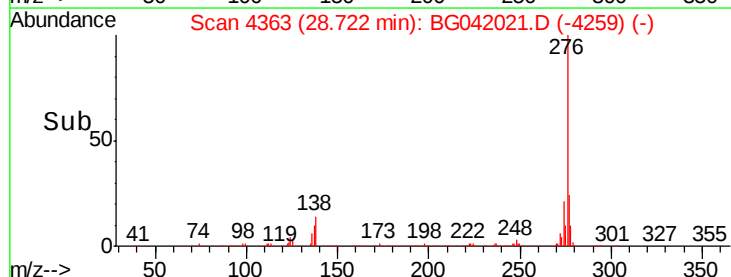
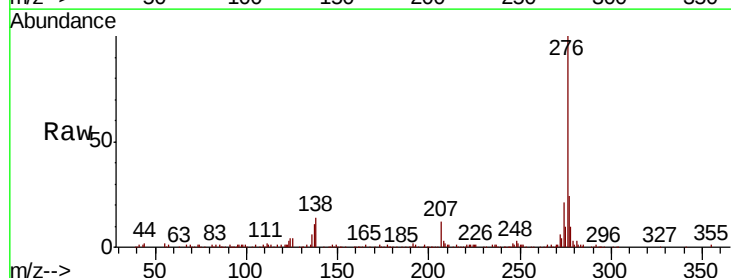
Manual Integrations
APPROVED

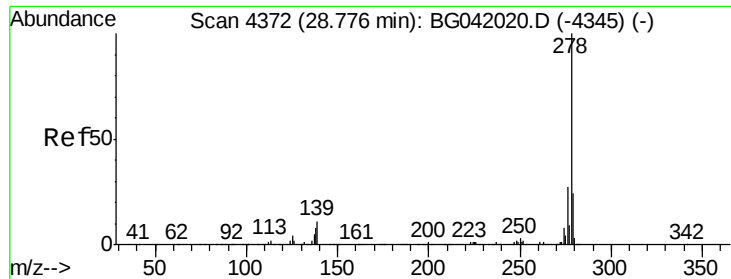
mohammad
8/7/2019 4:40:29 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 7.725 ng/ul
RT: 28.72 min Scan# 4363
Delta R.T. 0.01 min
Lab File: BG042021.D
Acq: 7 Aug 2019 8:34

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	14.2	12.0	18.0
277	24.2	19.2	28.8





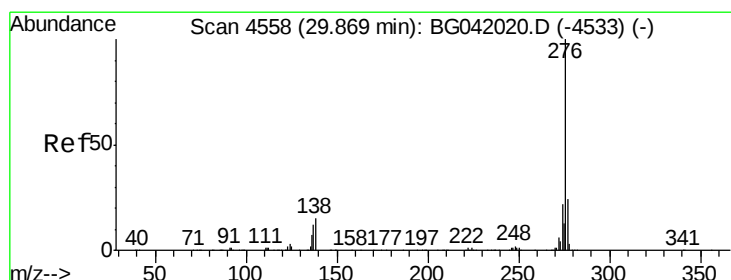
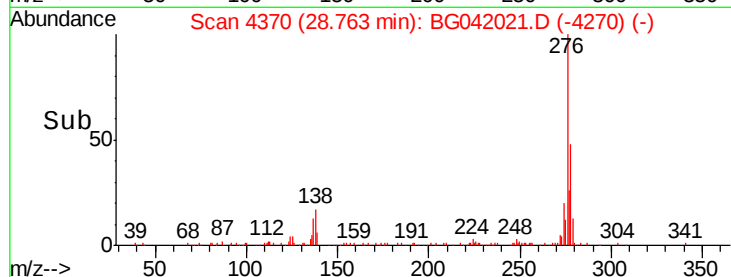
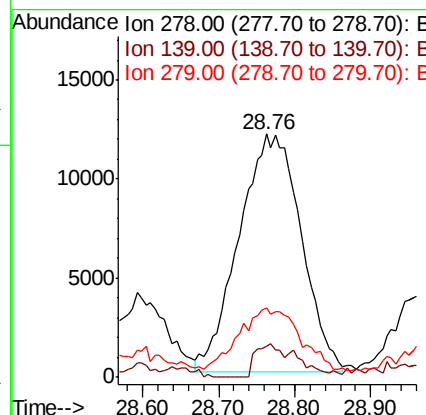
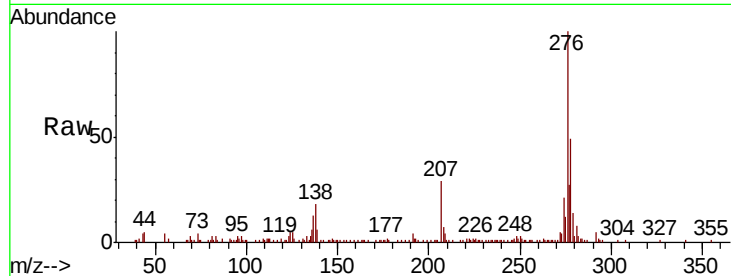
#92
Dibenzo(a,h)anthracene
Concen: 2.295 ng/ul m
RT: 28.76 min Scan# 4370
Delta R.T. -0.01 min
Lab File: BG042021.D
Acq: 7 Aug 2019 8:34

Instrument :
BNA_G
ClientSampleId :
BENZ1

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.0	9.4	14.0
279	28.8	19.2	28.8

Manual Integrations
APPROVED

mohammad
8/7/2019 4:40:29 PM



#93
Benzo(g,h,i)perylene
Concen: 9.240 ng/ul
RT: 29.88 min Scan# 4560
Delta R.T. 0.01 min
Lab File: BG042021.D
Acq: 7 Aug 2019 8:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.6	12.6	18.8
277	22.8	19.2	28.8

