

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042073.D
 Acq On : 8 Aug 2019 18:47
 Operator : HP/JU
 Sample : K4028-17DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENR4DL

Manual Integrations
 APPROVED

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 8/9/2019 4:31:55 PM

Quant Time: Aug 09 08:58:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 08 15:44:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	83913	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	361483	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.69	164	260768	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	552152	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	535215	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	633081	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	515	0.27	ng/uL	0.01
5) Phenol-d5	7.20	99	15650	2.38	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.36	67	8686	2.36	ng/ul	0.01
9) 2-Chlorophenol-d4	7.57	132	14385	2.56	ng/ul	0.02
13) 4-Methylphenol-d8	8.75	113	11129	2.01	ng/ul	0.02
19) Nitrobenzene-d5	9.21	128	7463	2.74	ng/ul	0.01
22) 2-Nitrophenol-d4	9.94	143	8023	2.54	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.49	165	15195	2.38	ng/ul	0.02
29) 4-Chloroaniline-d4	11.00	131	14796	2.09	ng/ul	0.03
43) Dimethylphthalate-d6	14.09	166	66113	3.27	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	74340	3.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.90	143	4298m	1.27	ng/ul	0.03
57) Fluorene-d10	15.69	176	60572	3.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	4282	1.21	ng/ul	0.00
70) Anthracene-d10	17.54	188	97223	3.67	ng/ul	0.00
78) Pyrene-d10	19.82	212	111284	3.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	116371	3.52	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	14.14	163	22669	1.129 ng/ul#	94
69) Phenanthrene	17.49	178	82130	2.717 ng/ul	99
76) Fluoranthene	19.49	202	125946	3.606 ng/ul	98
79) Pyrene	19.85	202	148892	4.136 ng/ul	97
82) Benzo(a)anthracene	21.70	228	82890	2.234 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	598091	30.934 ng/ul	99
84) Chrysene	21.77	228	78187	2.257 ng/ul	98
87) Benzo(b)fluoranthene	23.95	252	81936	2.062 ng/ul#	97
90) Benzo(a)pyrene	24.83	252	68391	1.806 ng/ul	99
93) Benzo(a,h,i)perylene	29.87	276	37805m	1.025 ng/ul	

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

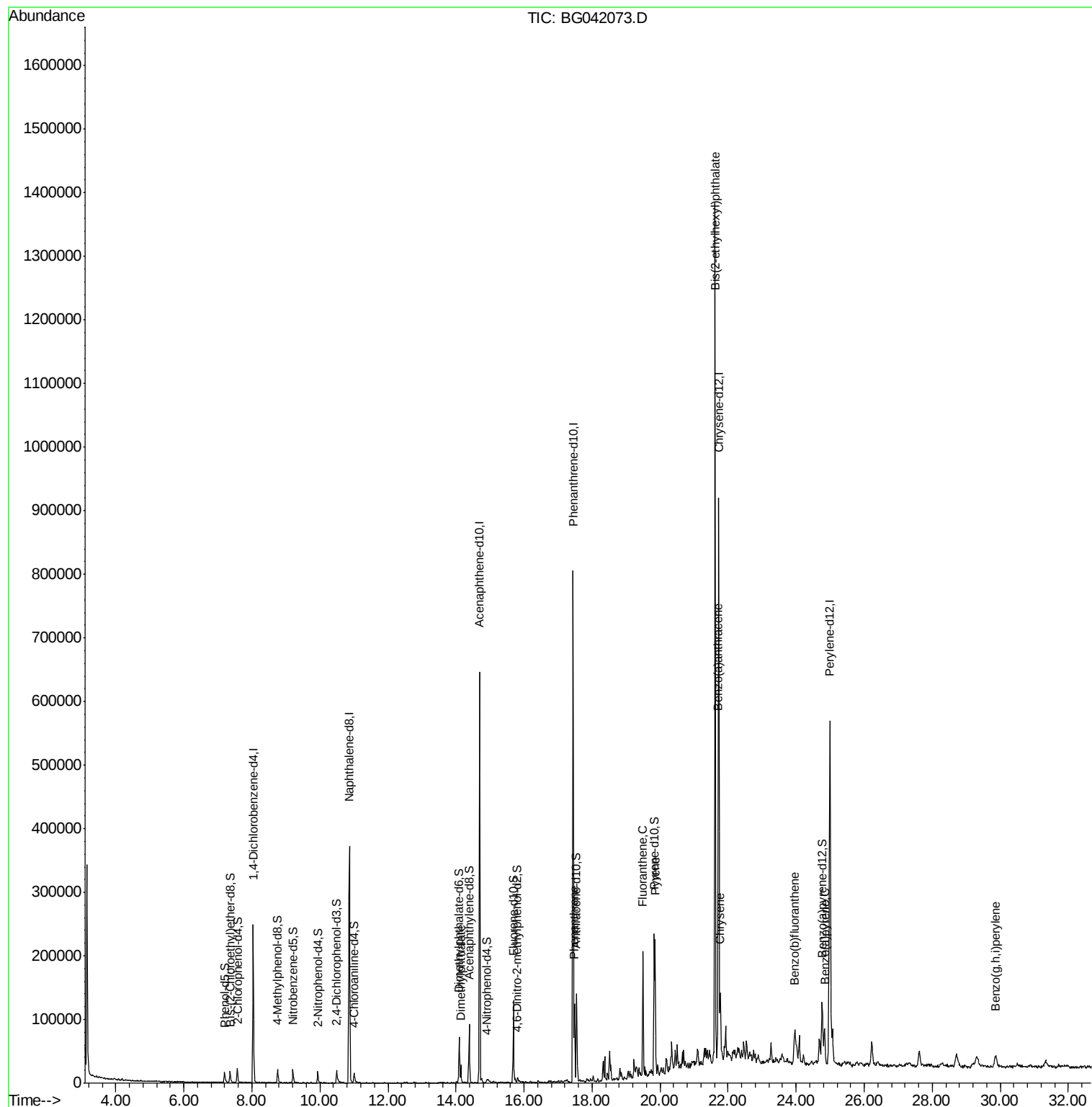
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042073.D
Acq On : 8 Aug 2019 18:47
Operator : HP/JU
Sample : K4028-17DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

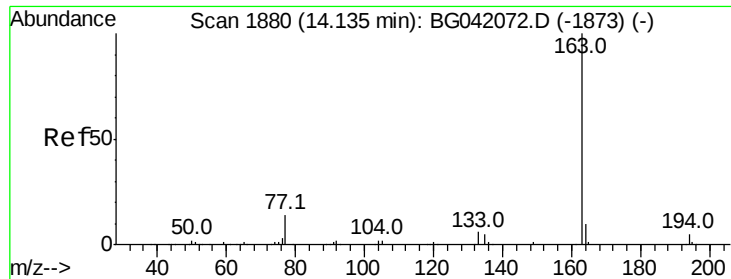
Instrument :
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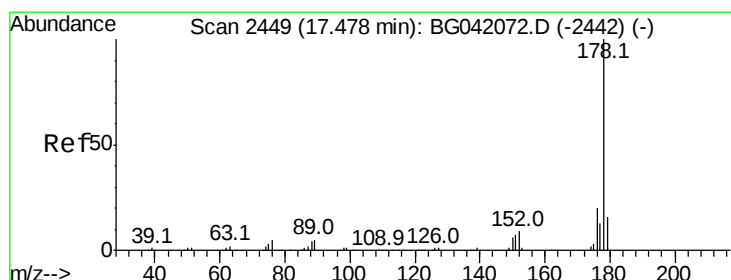
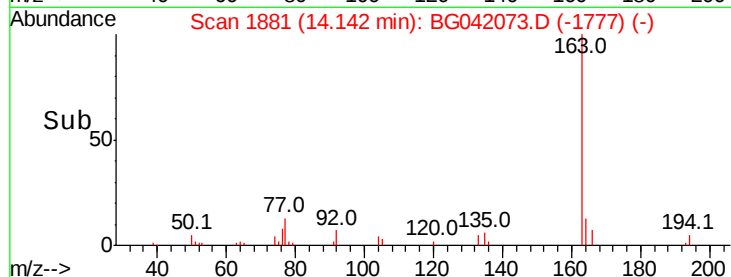
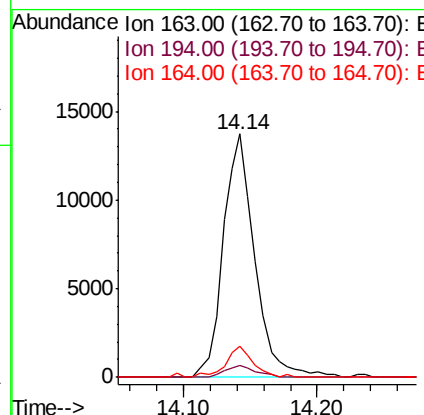
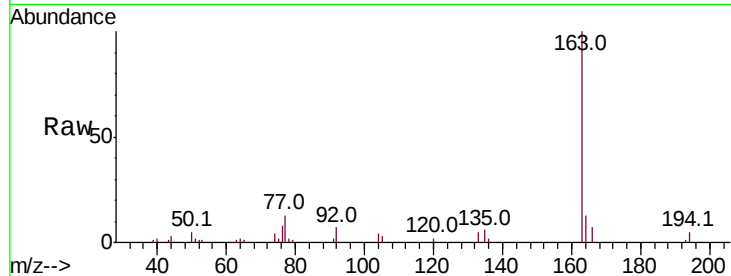
#44
Dimethylphthalate
Concen: 1.129 ng/ul
RT: 14.14 min Scan# 1881
Delta R.T. 0.01 min
Lab File: BG042073.D
Acq: 8 Aug 2019 18:47

Instrument :
BNA_G
ClientSampleId :
BENR4DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.2	6.2
164	12.9	7.8	11.8

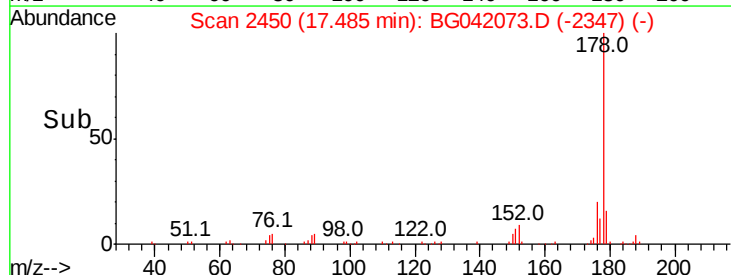
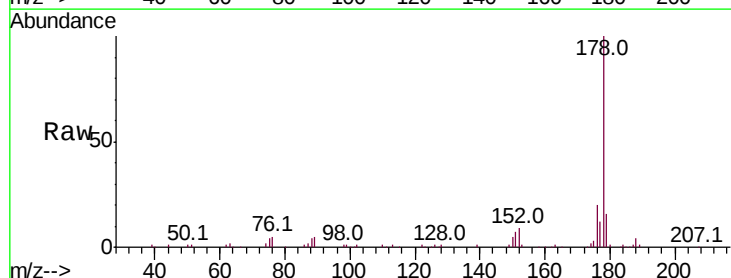
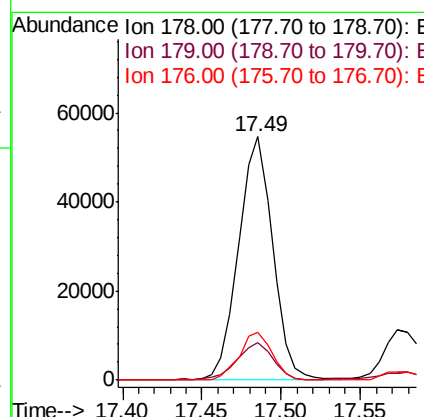
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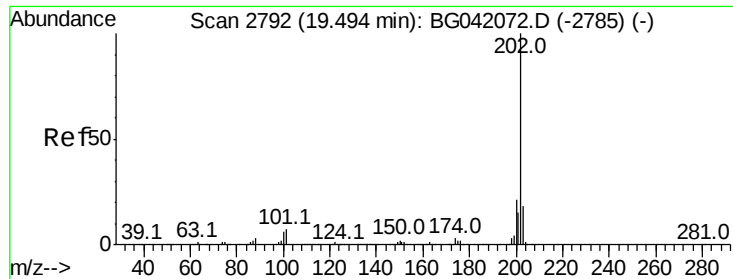
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#69
Phenanthrene
Concen: 2.717 ng/ul
RT: 17.49 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG042073.D
Acq: 8 Aug 2019 18:47

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	19.8	15.4	23.2





#76

Fluoranthene

Concen: 3.606 ng/ul

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG042073.D

Acq: 8 Aug 2019 18:47

Instrument :

BNA_G

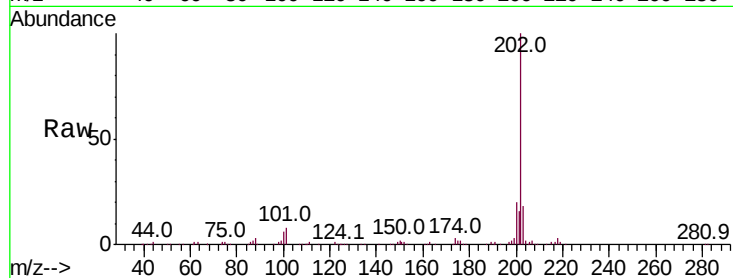
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BENR4DL

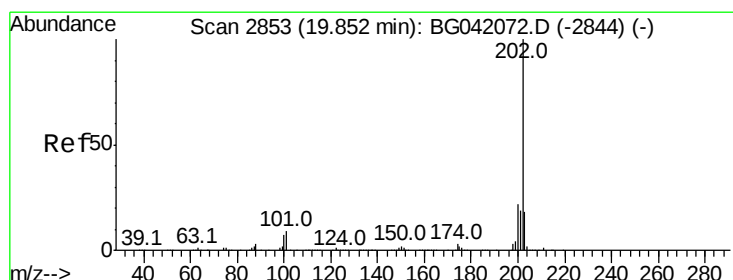
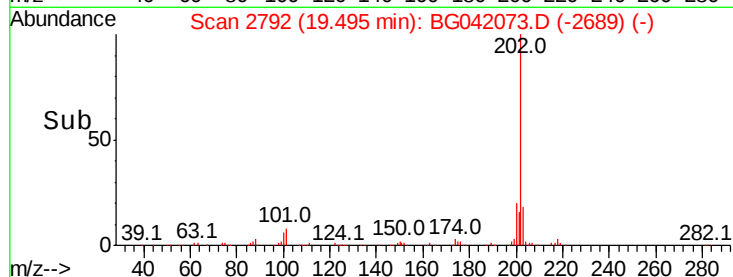
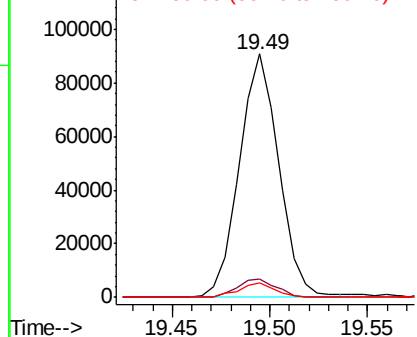
Tot Ion:	202	Resp:	125946
Ion Ratio	Lower	Upper	
202	100		
101	7.6	6.7	10.1
100	6.0	5.3	7.9

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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

Pyrene

Concen: 4.136 ng/ul

RT: 19.85 min Scan# 2853

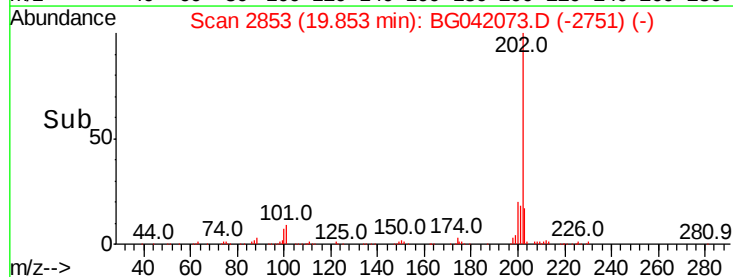
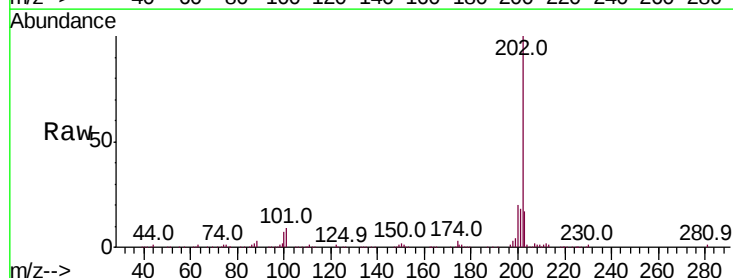
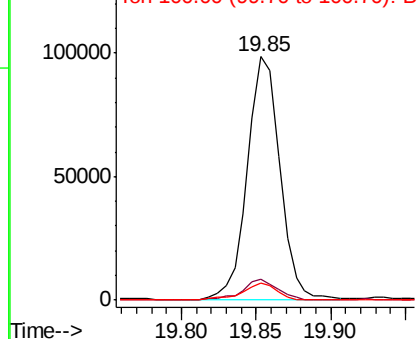
Delta R.T. -0.00 min

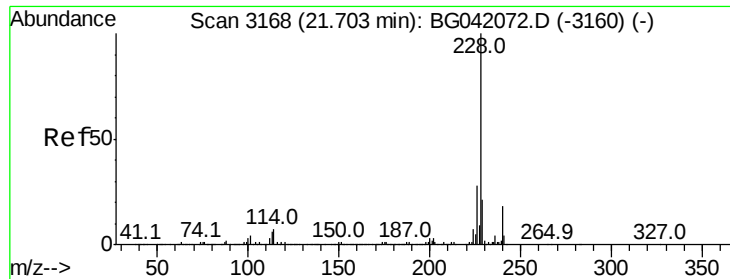
Lab File: BG042073.D

Acq: 8 Aug 2019 18:47

Tgt Ion:	202	Resp:	148892
Ion Ratio	Lower	Upper	
202	100		
101	8.5	7.6	11.4
100	6.8	6.5	9.7

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





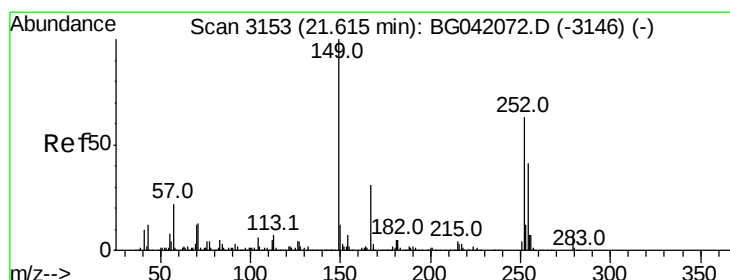
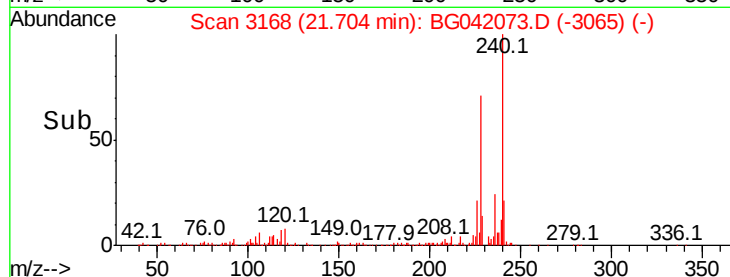
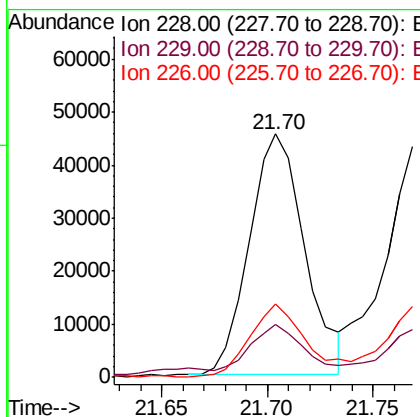
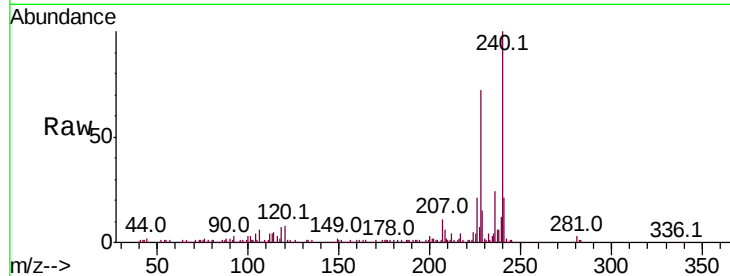
#82
 Benzo(a)anthracene
 Concen: 2.234 ng/ul
 RT: 21.70 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: BG042073.D
 Acq: 8 Aug 2019 18:47

Instrument :
 BNA_G
 ClientSampleId :
 BENR4DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.5	17.0	25.6
226	29.9	23.3	34.9

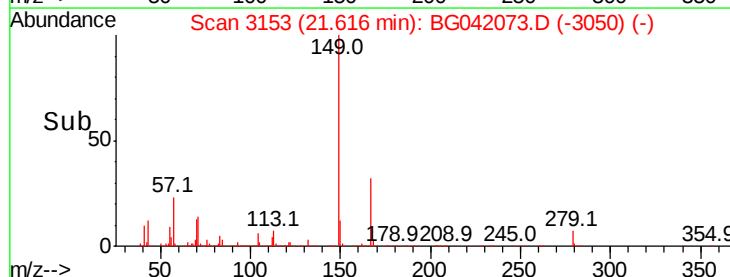
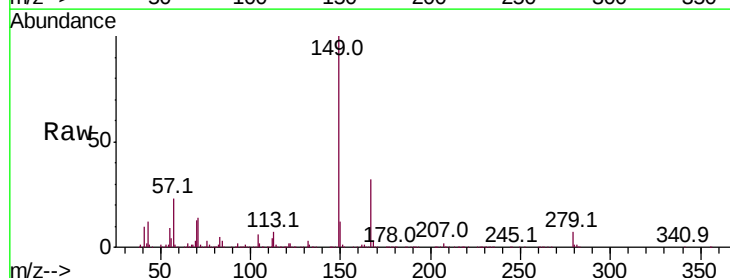
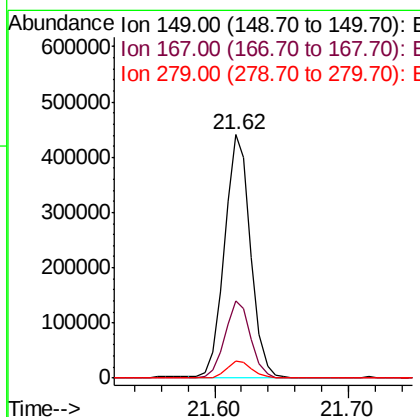
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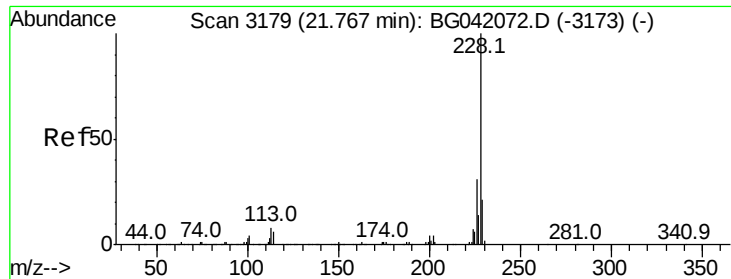
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.934 ng/ul
 RT: 21.62 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: BG042073.D
 Acq: 8 Aug 2019 18:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.6	25.0	37.4
279	7.1	5.2	7.8





#84

Chrysene

Concen: 2.257 ng/ul

RT: 21.77 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG042073.D

Acq: 8 Aug 2019 18:47

Instrument :

BNA_G

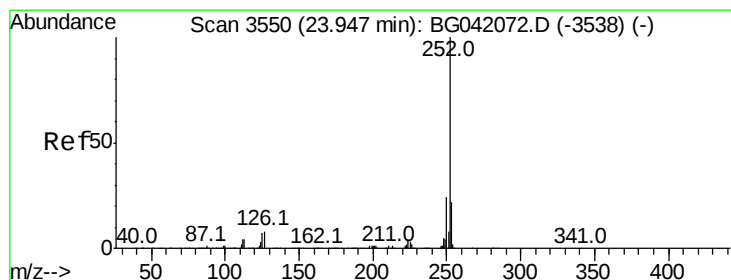
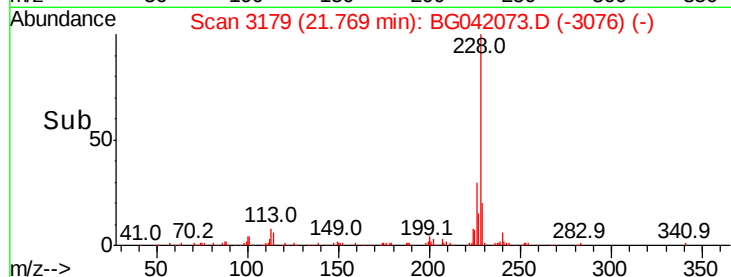
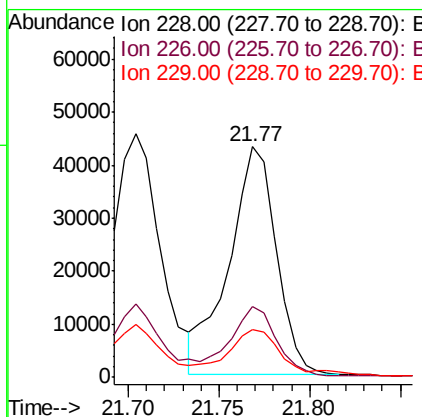
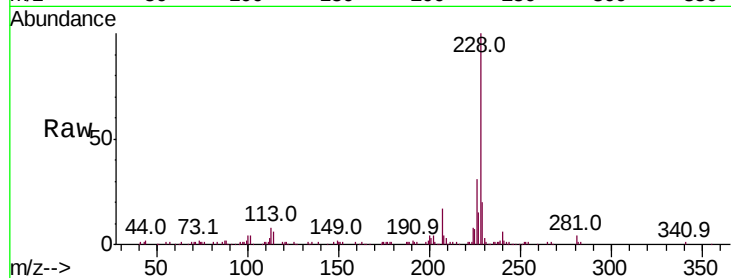
ClientSampleId :

BENR4DL

Tot Ion:	228	Resp:	78187
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.7	38.5
229	20.5	16.6	24.8

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#87

Benzo(b)fluoranthene

Concen: 2.062 ng/ul

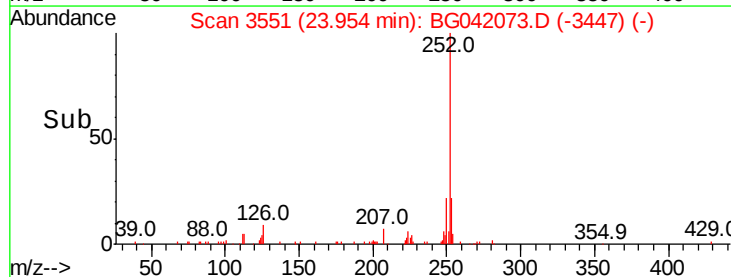
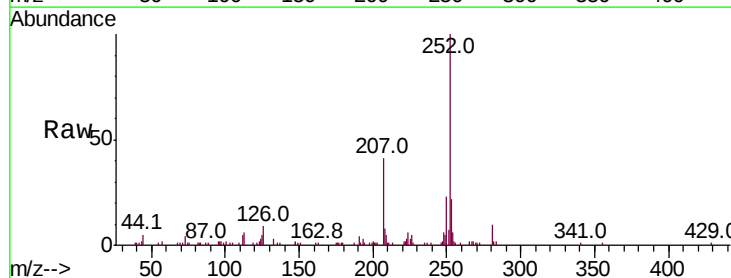
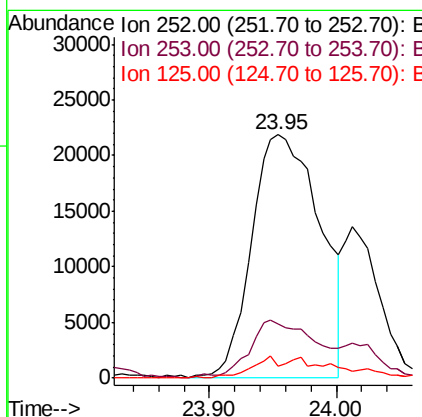
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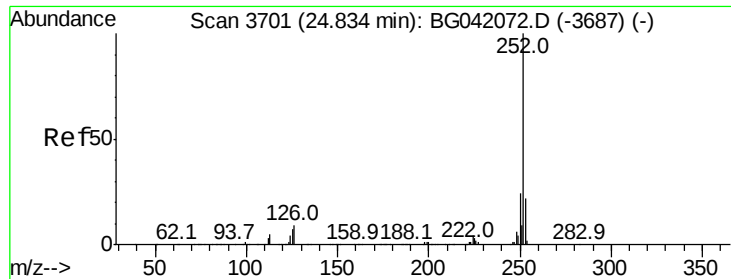
Delta R.T. 0.01 min

Lab File: BG042073.D

Acq: 8 Aug 2019 18:47

Tgt Ion:	252	Resp:	81936
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.4	27.6
125	5.1	5.8	8.8#





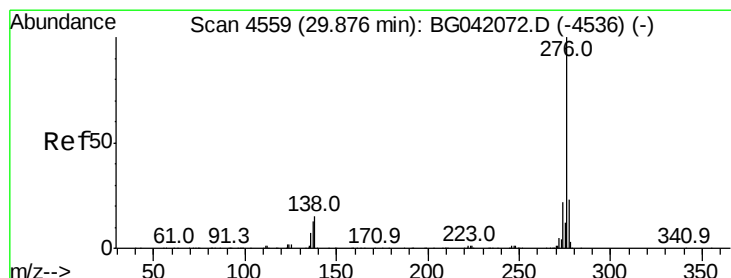
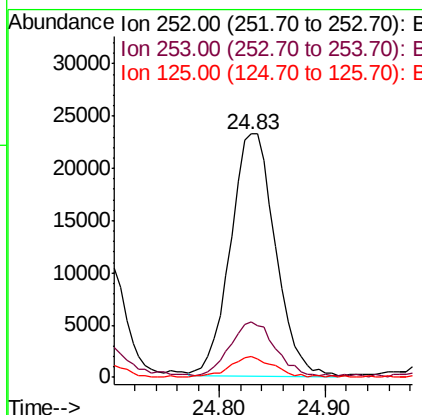
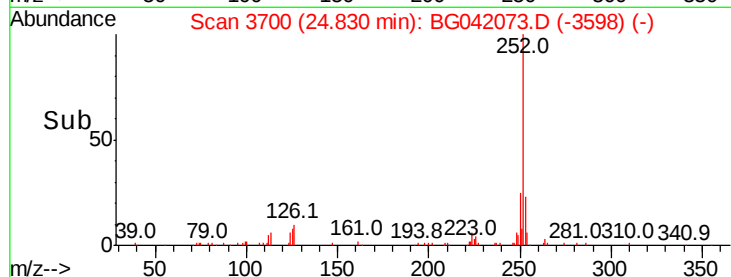
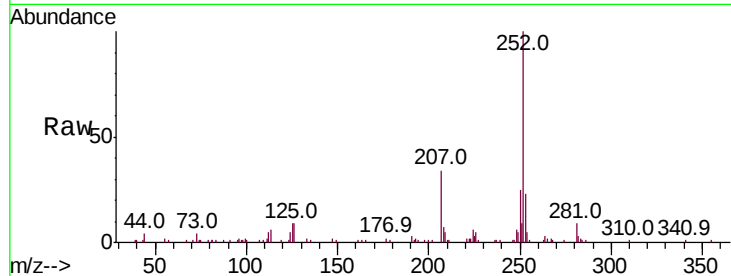
#90
Benzo(a)pyrene
Concen: 1.806 ng/ul
RT: 24.83 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BG042073.D
Acq: 8 Aug 2019 18:47

Instrument :
BNA_G
ClientSampleId :
BENR4DL

Tot Ion:	252	Resp:	68391
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.3	27.5
125	8.8	6.5	9.7

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#93
Benzo(g,h,i)perylene
Concen: 1.025 ng/ul m
RT: 29.87 min Scan# 4558
Delta R.T. -0.02 min
Lab File: BG042073.D
Acq: 8 Aug 2019 18:47

Tgt Ion:	276	Resp:	37805
Ion Ratio	Lower	Upper	
276	100		
138	14.7	12.6	18.8
277	22.5	19.2	28.8

