

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
 Data File : BM029913.D
 Acq On : 10 May 2021 20:11
 Operator : CG/JU
 Sample : M2177-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG579

Manual Integrations
 APPROVED

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 5/11/2021 2:33:02 PM

Quant Time: May 11 01:39:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 11 01:19:00 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	135076	20.00	ng/ul	0.00
20) Naphthalene-d8	10.33	136	621380	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	412698	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.94	188	848951	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	837528	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	751533	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	4003	1.18	ng/uL	0.01
4) Pyridine-d5	3.55	84	28152m	3.32	ng/ul	0.06
7) Phenol-d5	6.75	99	92128	7.33	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	41526	5.33	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	62566	6.45	ng/ul	0.00
15) 4-Methylphenol-d8	8.28	113	43611	4.20	ng/ul	0.01
21) Nitrobenzene-d5	8.72	128	20810	4.86	ng/ul	0.00
24) 2-Nitrophenol-d4	9.43	143	22003	4.55	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	9.97	165	58524	6.04	ng/ul	0.02
31) 4-Chloroaniline-d4	10.49	131	53164	3.60	ng/ul	0.02
46) Dimethylphthalate-d6	13.62	166	201533	6.30	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	410857	10.13	ng/ul	0.00
54) 4-Nitrophenol-d4	14.49	143	8967m	1.72	ng/ul	0.06
60) Fluorene-d10	15.20	176	186941	6.88	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	14032	2.54	ng/ul	0.00
73) Anthracene-d10	17.04	188	452390	10.58	ng/ul	0.00
81) Pyrene-d10	19.34	212	951705	22.15	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.15	264	858241	20.15	ng/ul	0.00

Target Compounds

					Ovalue
72) Phenanthrene	16.99	178	50541	1.010 ng/ul	99
80) Fluoranthene	19.01	202	139941	2.676 ng/ul	98
82) Pyrene	19.37	202	292523	5.316 ng/ul	100
85) Benzo(a)anthracene	21.12	228	86398	1.581 ng/ul	94
86) Bis(2-ethylhexyl)phthalate	21.06	149	68724	2.038 ng/ul	99
87) Chrysene	21.17	228	99535	1.829 ng/ul	98
90) Benzo(b)fluoranthene	22.65	252	95005m	1.949 ng/ul	
93) Benzo(a)pyrene	23.20	252	91356	2.063 ng/ul#	95
96) Benzo(a,h,i)perylene	26.10	276	50270	1.158 ng/ul	96

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

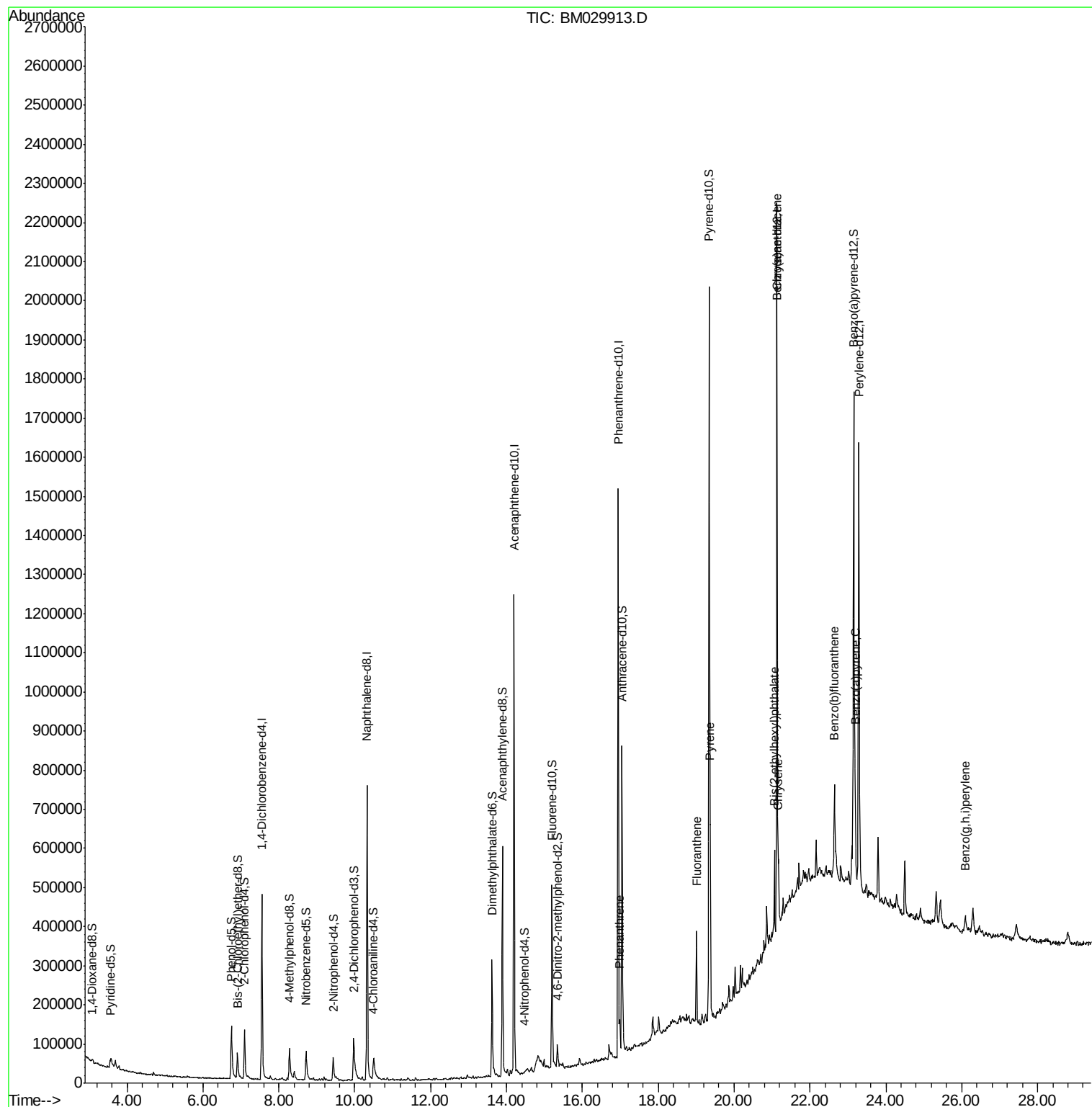
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029913.D
Acq On : 10 May 2021 20:11
Operator : CG/JU
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ALS Vial : 12 Sample Multiplier: 1

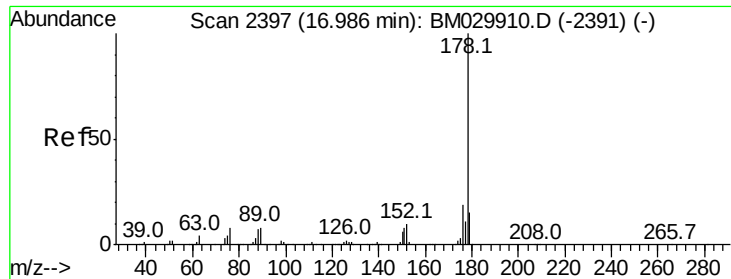
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 01:19:00 2021
Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.010 ng/ul

RT: 16.99 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BM029913.D

Acq: 10 May 2021 20:11

Instrument :

BNA_M

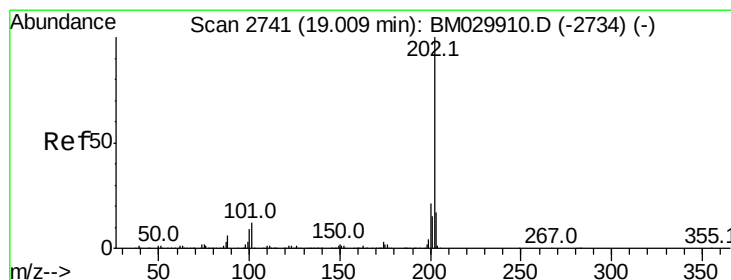
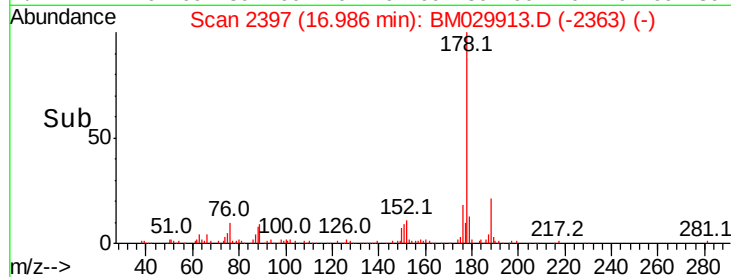
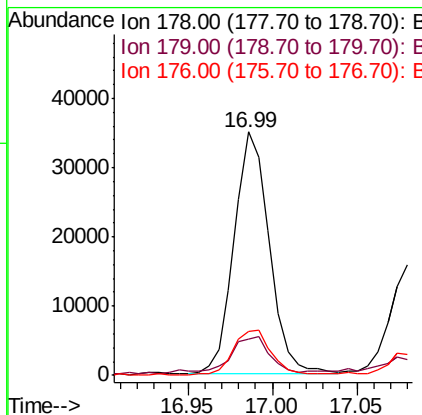
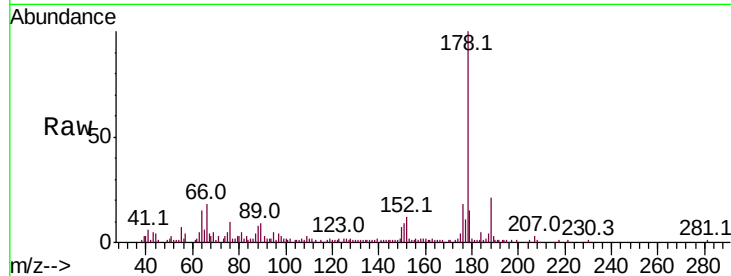
ClientSampleId :

BG579

Tot Ion:	178	Resp:	50541
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.2	18.4
176	18.2	15.0	22.4

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#80

Fluoranthene

Concen: 2.676 ng/ul

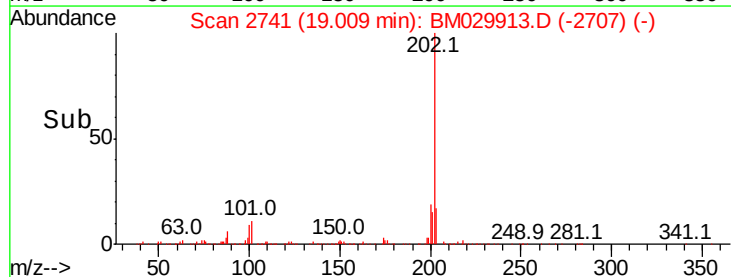
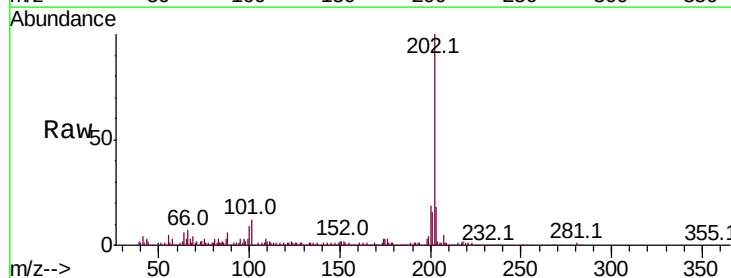
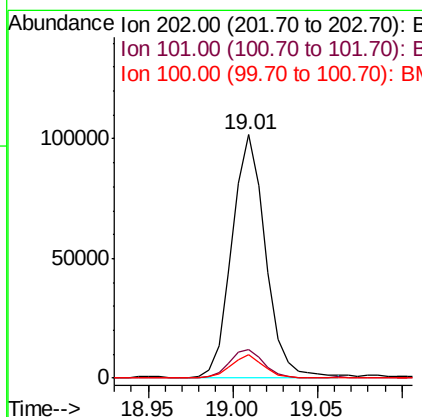
RT: 19.01 min Scan# 2741

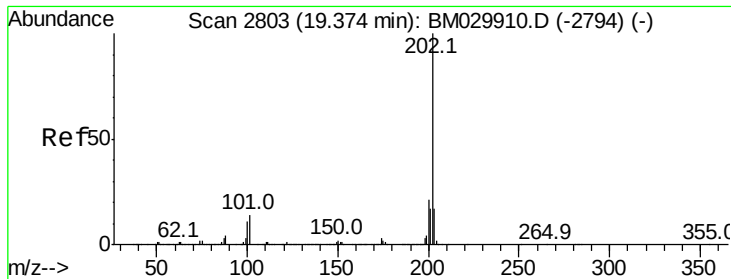
Delta R.T. -0.00 min

Lab File: BM029913.D

Acq: 10 May 2021 20:11

Tgt Ion:	202	Resp:	139941
Ion Ratio	Lower	Upper	
202	100		
101	11.8	9.0	13.4
100	9.4	7.0	10.6





#82

Pvrene

Concen: 5.316 ng/ul

RT: 19.37 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BM029913.D

Acq: 10 May 2021 20:11

Instrument :

BNA_M

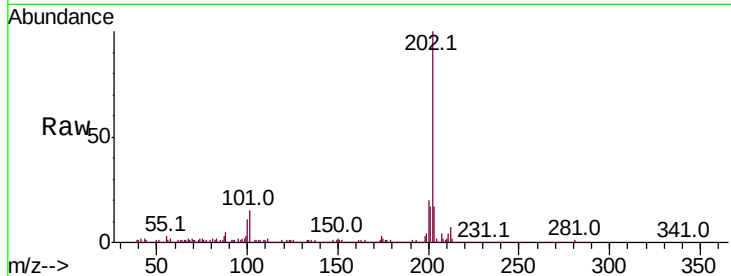
ClientSampled :

BG579

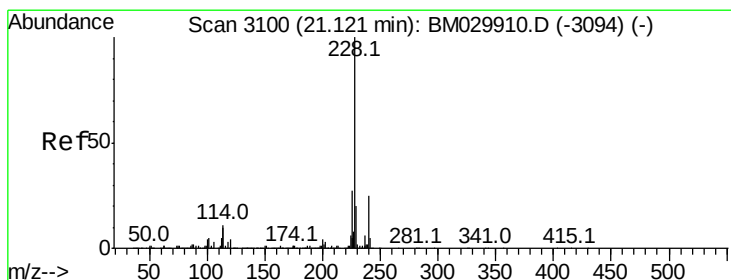
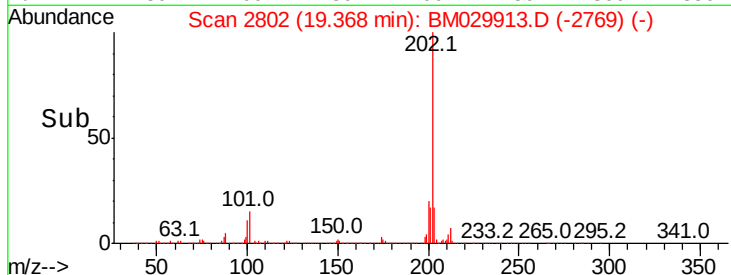
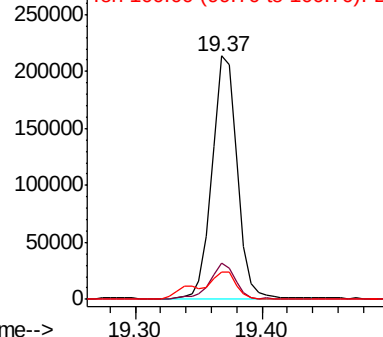
Tot Ion:	202	Resp:	292523
Ion Ratio	Lower	Upper	
202	100		
101	14.7	11.8	17.6
100	11.2	9.2	13.8

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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



#85

Benzo(a)anthracene

Concen: 1.581 ng/ul

RT: 21.12 min Scan# 3100

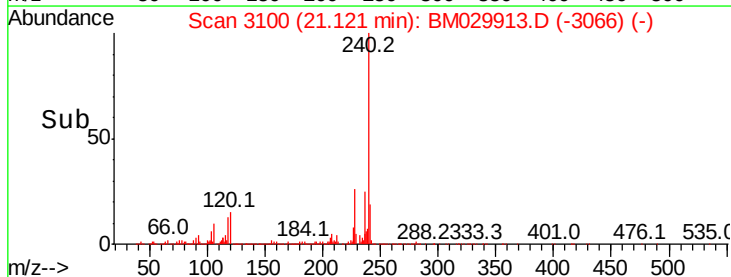
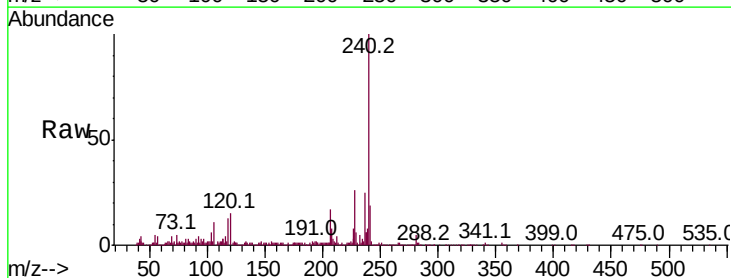
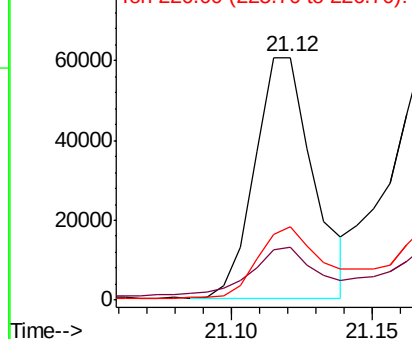
Delta R.T. -0.00 min

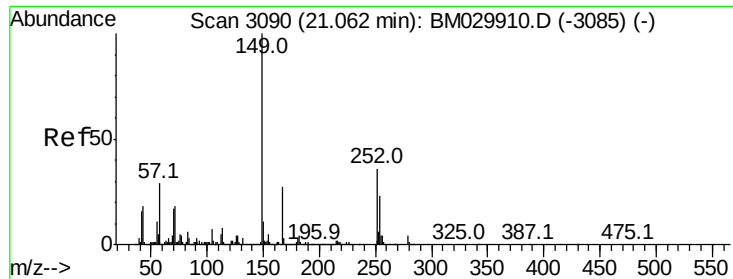
Lab File: BM029913.D

Acq: 10 May 2021 20:11

Tgt Ion:	228	Resp:	86398
Ion Ratio	Lower	Upper	
228	100		
229	22.0	15.9	23.9
226	30.2	21.4	32.0

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





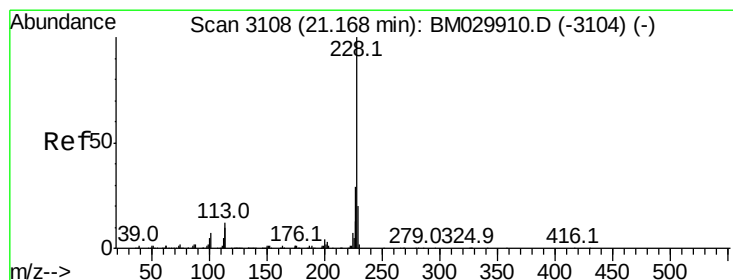
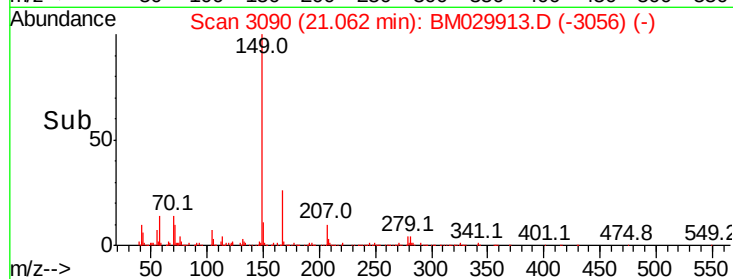
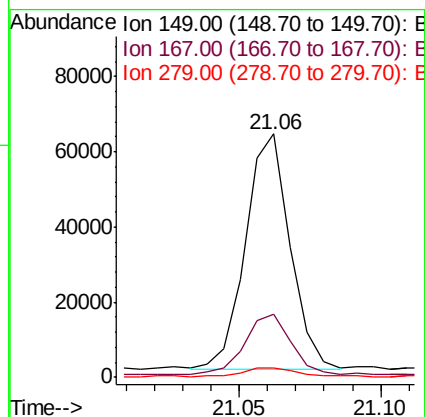
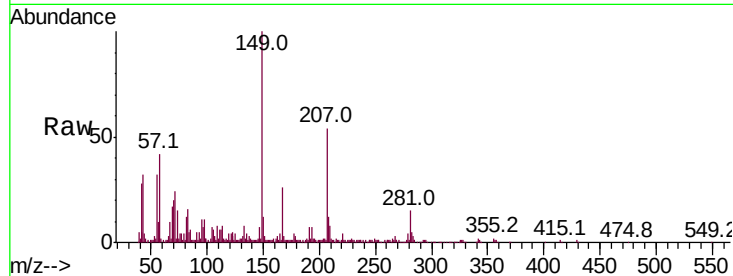
#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.038 ng/ul
 RT: 21.06 min Scan# 3090
 Delta R.T. -0.00 min
 Lab File: BM029913.D
 Acq: 10 May 2021 20:11

Instrument :
 BNA_M
 ClientSampleId :
 BG579

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.1	31.7
279	4.1	3.5	5.3

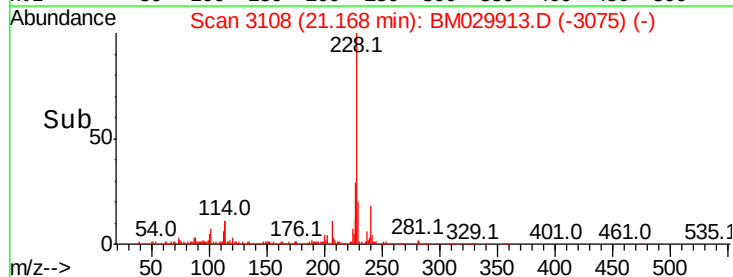
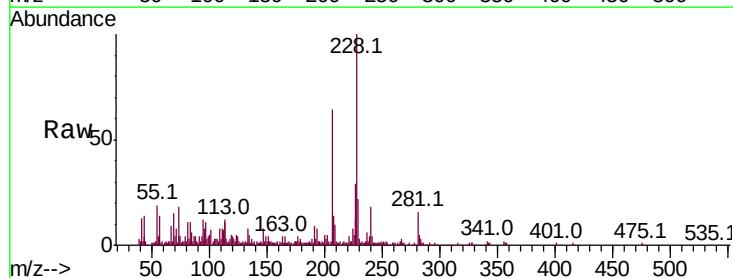
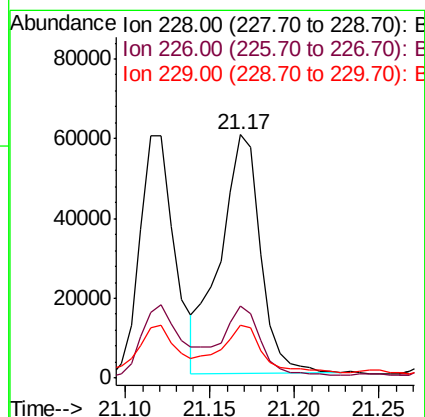
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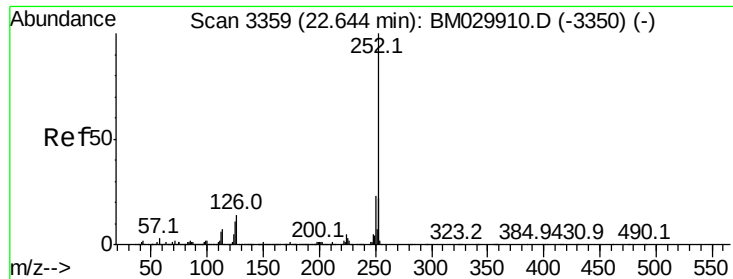
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#87
 Chrysene
 Concen: 1.829 ng/ul
 RT: 21.17 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BM029913.D
 Acq: 10 May 2021 20:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	21.6	15.6	23.4





#90

Benzo(b)fluoranthene

Concen: 1.949 ng/ul m

RT: 22.65 min Scan# 3360

Delta R.T. 0.01 min

Lab File: BM029913.D

Acq: 10 May 2021 20:11

Instrument :

BNA_M

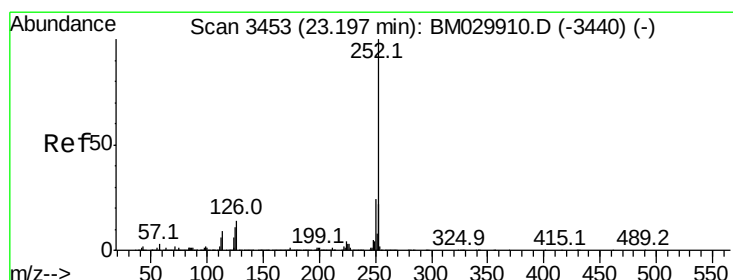
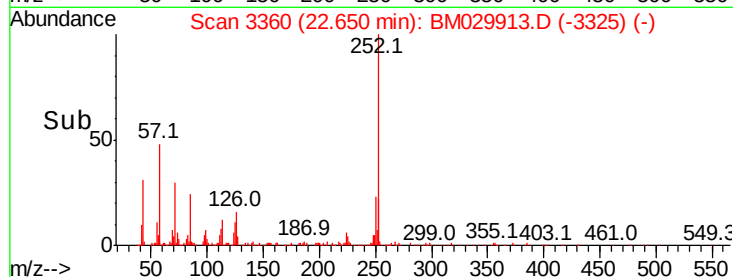
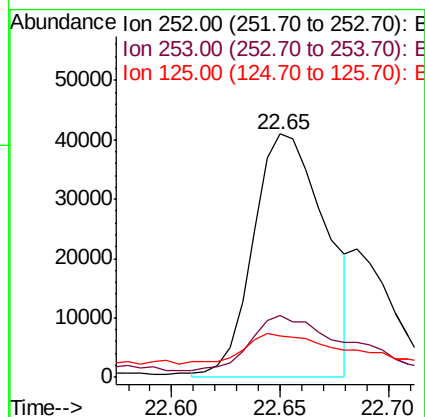
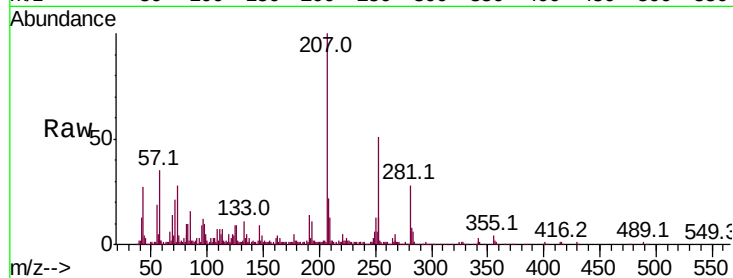
ClientSampled :

BG579

Tot Ion:	252	Resp:	95005
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.4	26.2
125	16.9	8.6	12.8#

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#93

Benzo(a)pyrene

Concen: 2.063 ng/ul

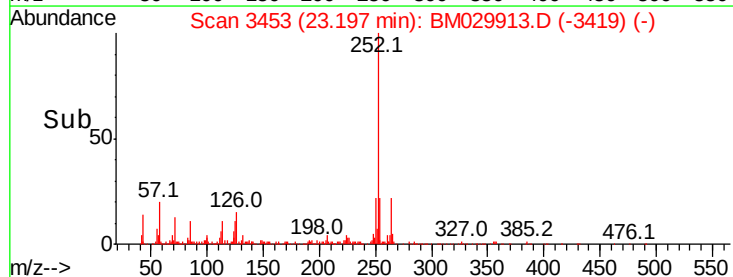
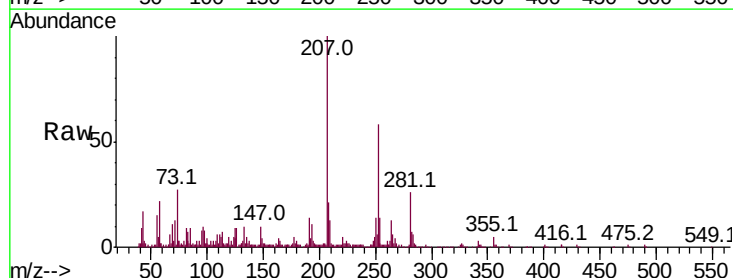
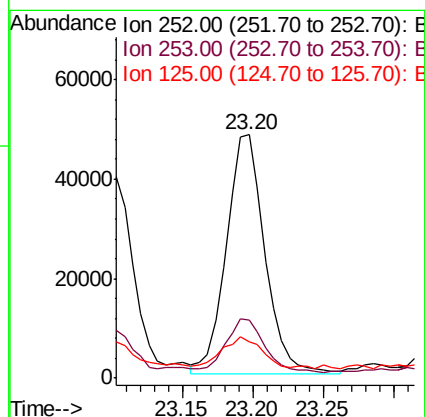
RT: 23.20 min Scan# 3453

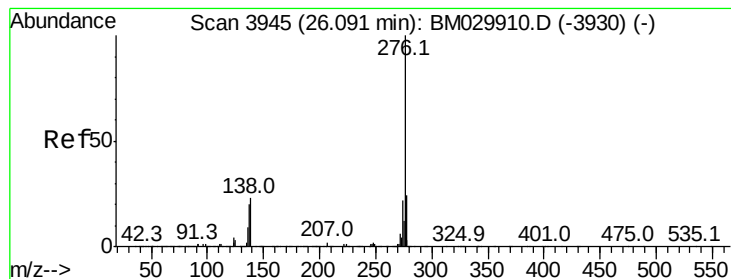
Delta R.T. -0.00 min

Lab File: BM029913.D

Acq: 10 May 2021 20:11

Tgt Ion:	252	Resp:	91356
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.9	26.9
125	15.1	9.6	14.4#





#96

Benzo(a,h,i)perylene

Concen: 1.158 ng/ul

RT: 26.10 min Scan# 3946

Delta R.T. 0.01 min

Lab File: BM029913.D

Acq: 10 May 2021 20:11

Instrument :

BNA_M

ClientSampleId :

BG579

Tot Ion:	276	Resp:	50270
Ion Ratio	Lower	Upper	
276	100		
138	25.2	17.8	26.8
277	24.2	18.5	27.7

Manual Integrations
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