

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051021\
 Data File : BM029993.D
 Acq On : 12 May 2021 22:12
 Operator : CG/JU
 Sample : M2232-02
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG597

Manual Integrations
 APPROVED

Sohil
 5/13/2021 10:31:20 AM

Quant Time: May 13 04:20:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 13 01:09:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	125010	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.32	136	534328	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.19	164	323888	20.00	ng/ul	-0.02
64) Phenanthrene-d10	16.94	188	608644	20.00	ng/ul	0.00
79) Chrysene-d12	21.12	240	578238	20.00	ng/ul	-0.01
88) Perylene-d12	23.27	264	602951	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	14815	4.73	ng/uL	0.00
4) Pyridine-d5	3.49	84	136351m	17.40	ng/ul	0.00
7) Phenol-d5	6.73	99	288193	24.79	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	6.89	67	192227	26.67	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.07	132	244396	27.24	ng/ul	-0.01
15) 4-Methylphenol-d8	8.26	113	222579	23.15	ng/ul	-0.01
21) Nitrobenzene-d5	8.70	128	109039	29.61	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.42	143	122010	29.36	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.95	165	210140	25.22	ng/ul	0.00
31) 4-Chloroaniline-d4	10.47	131	215642	17.00	ng/ul	0.00
46) Dimethylphthalate-d6	13.61	166	709035	28.24	ng/ul	-0.01
49) Acenaphthylene-d8	13.88	160	895277	28.14	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.44	143	63037m	15.42	ng/ul	0.01
60) Fluorene-d10	15.19	176	623577	29.26	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.33	200	74307	18.80	ng/ul	0.00
73) Anthracene-d10	17.03	188	901413	29.41	ng/ul	-0.01
81) Pyrene-d10	19.33	212	1000571	33.73	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.14	264	1029929	30.13	ng/ul	0.00

Target Compounds

					Qvalue
8) Phenol	6.76	94	14621	1.232 ng/ul#	73
47) Dimethylphthalate	13.66	163	49252	1.959 ng/ul	98
52) Acenaphthene	14.25	153	45829	2.107 ng/ul	97
61) Fluorene	15.24	166	37917	1.489 ng/ul	98
72) Phenanthrene	16.97	178	654746	18.244 ng/ul	99
74) Anthracene	17.07	178	144369	3.935 ng/ul	97
77) Carbazole	17.35	167	51588	1.535 ng/ul	96
80) Fluoranthene	19.00	202	1072924	29.720 ng/ul	98
82) Pyrene	19.36	202	973088	25.613 ng/ul	99
83) Butylbenzylphthalate	20.27	149	16238	1.203 ng/ul#	84
85) Benzo(a)anthracene	21.11	228	460113	12.196 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.05	149	35154	1.510 ng/ul	97
87) Chrysene	21.16	228	470122	12.511 ng/ul	98
90) Benzo(b)fluoranthene	22.64	252	615232	15.731 ng/ul	97
91) Benzo(k)fluoranthene	22.67	252	179387m	4.363 ng/ul	
93) Benzo(a)pyrene	23.19	252	424678	11.956 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.41	276	284108	6.608 ng/ul	97
95) Dibenzo(a,h)anthracene	25.41	278	74239	2.037 ng/ul#	91
96) Benzo(g,h,i)perylene	26.07	276	235607	6.764 ng/ul	97

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

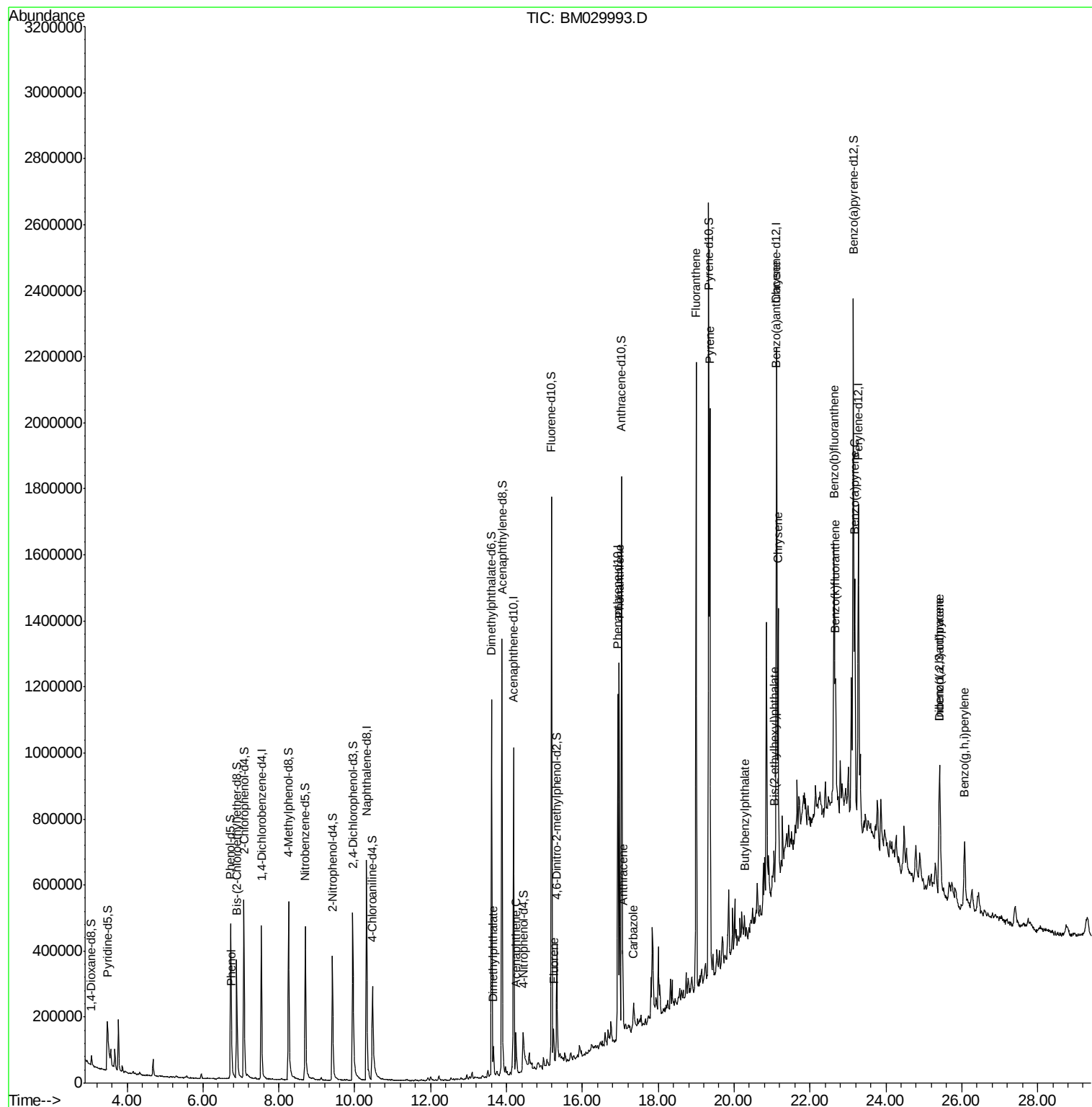
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051021\
Data File : BM029993.D
Acq On : 12 May 2021 22:12
Operator : CG/JU
Sample : M2232-02
Misc :
ALS Vial : 92 Sample Multiplier: 1

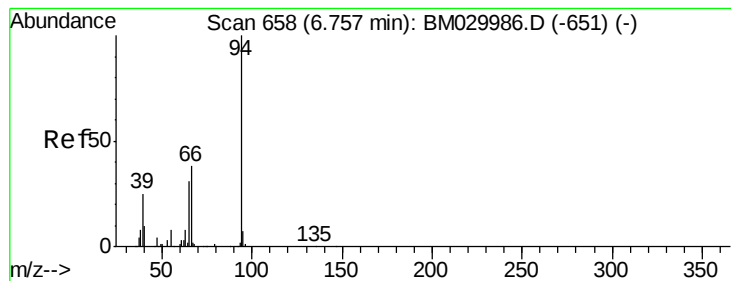
Instrument :
BNA_M
ClientSampleId :
BG597

Quant Time: May 13 04:20:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 13 01:09:15 2021
Response via : Initial Calibration

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#8

Phenol

Concen: 1.232 ng/ul

RT: 6.76 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM029993.D

Acq: 12 May 2021 22:12

Instrument :

BNA_M

ClientSampled :

BG597

Tgt Ion: 94 Resp: 14621

Ion Ratio Lower Upper

94 100

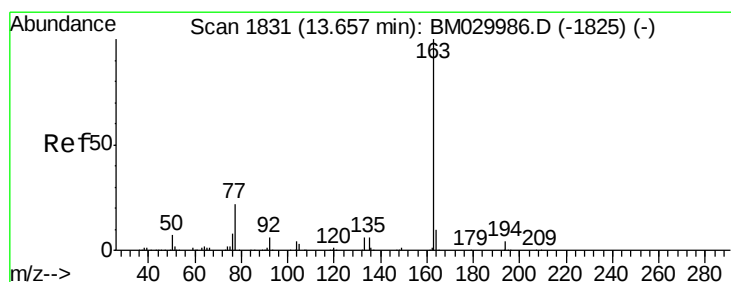
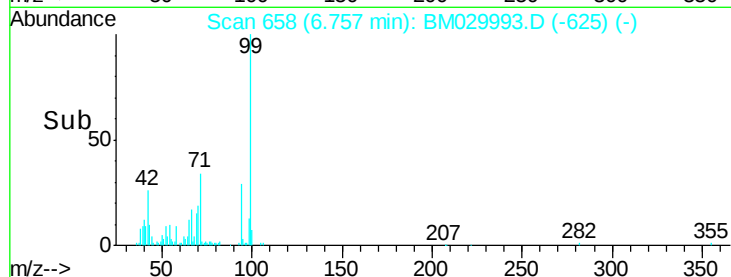
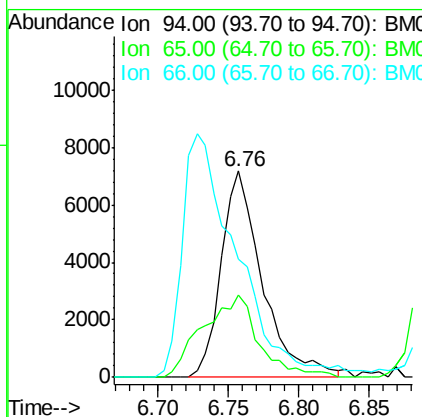
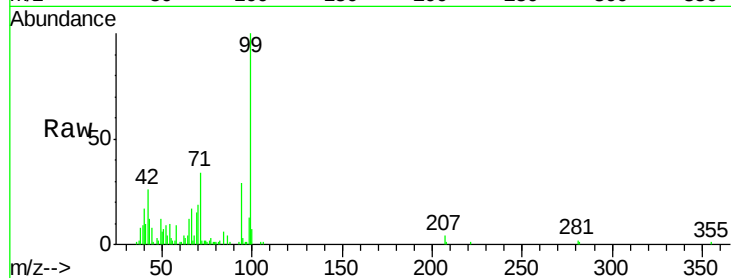
65 40.1 23.3 34.9#

66 57.4 30.6 45.8#

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#47

Dimethylphthalate

Concen: 1.959 ng/ul

RT: 13.66 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BM029993.D

Acq: 12 May 2021 22:12

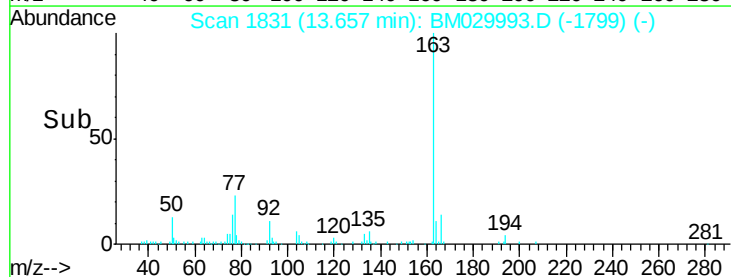
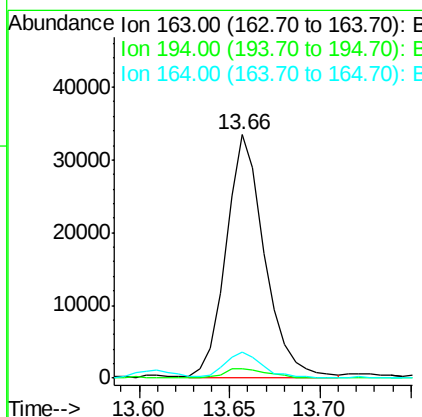
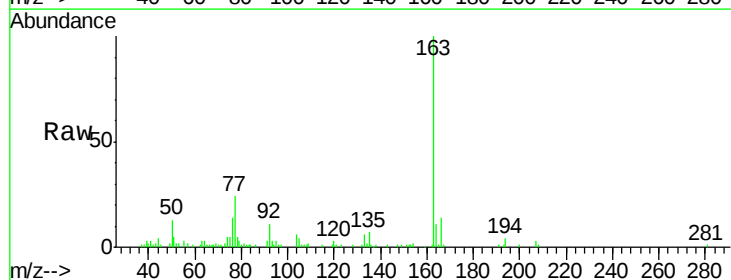
Tgt Ion: 163 Resp: 49252

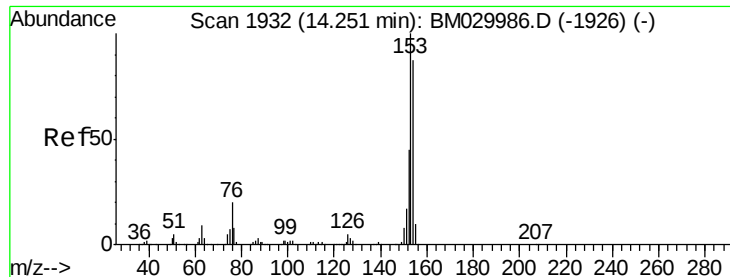
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.6 7.8 11.8





#52

Acenaphthene

Concen: 2.107 ng/ul

RT: 14.25 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BM029993.D

Acq: 12 May 2021 22:12

Instrument :

BNA_M

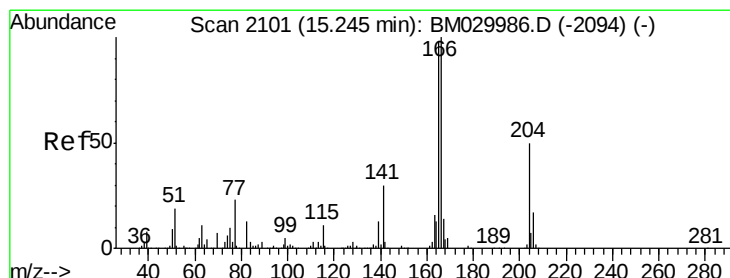
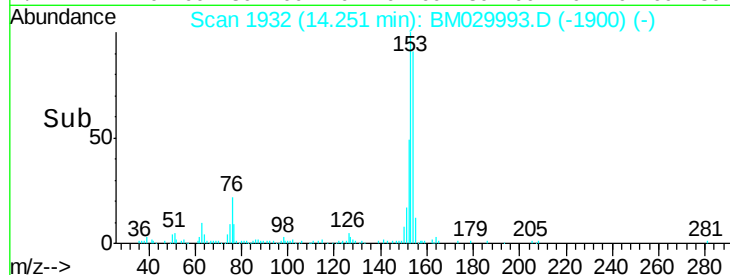
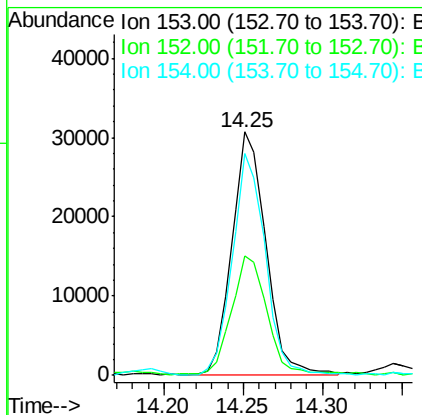
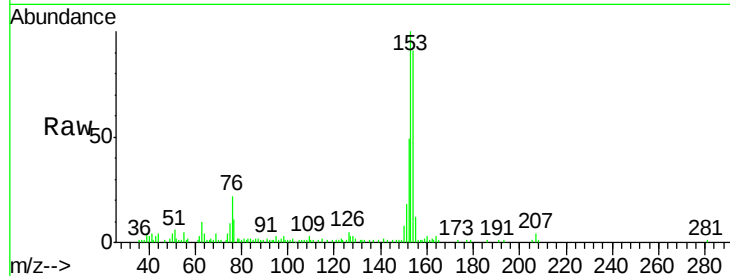
ClientSampleId :

BG597

Tgt Ion:	153	Resp:	45829
Ion Ratio	Lower	Upper	
153	100		
152	49.1	37.7	56.5
154	91.1	70.2	105.4

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#61

Fluorene

Concen: 1.489 ng/ul

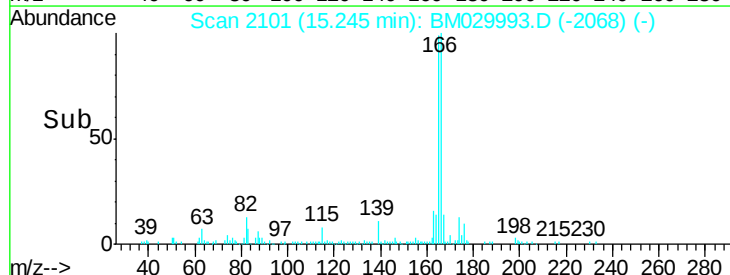
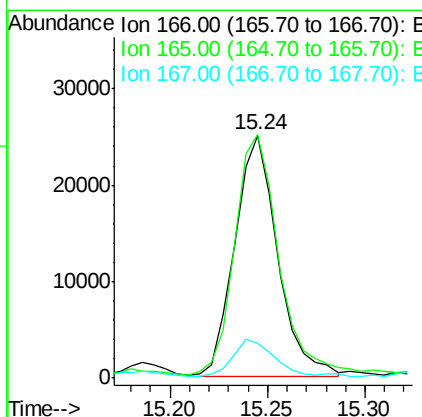
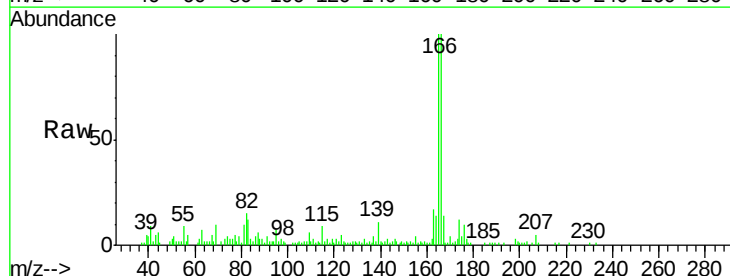
RT: 15.24 min Scan# 2101

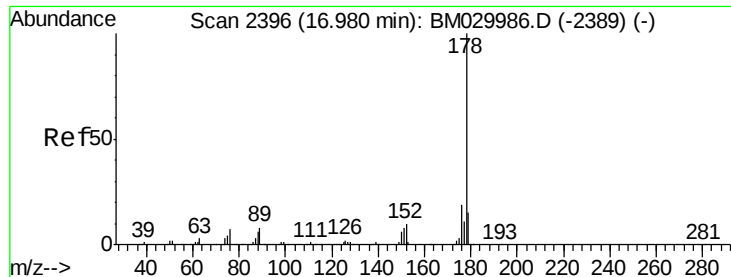
Delta R.T. -0.01 min

Lab File: BM029993.D

Acq: 12 May 2021 22:12

Tgt Ion:	166	Resp:	37917
Ion Ratio	Lower	Upper	
166	100		
165	100.4	78.4	117.6
167	14.2	10.9	16.3





#72

Phenanthrene

Concen: 18.244 ng/ul

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BM029993.D

Acq: 12 May 2021 22:12

Instrument :

BNA_M

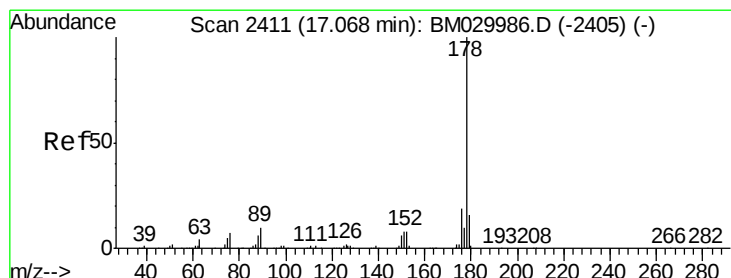
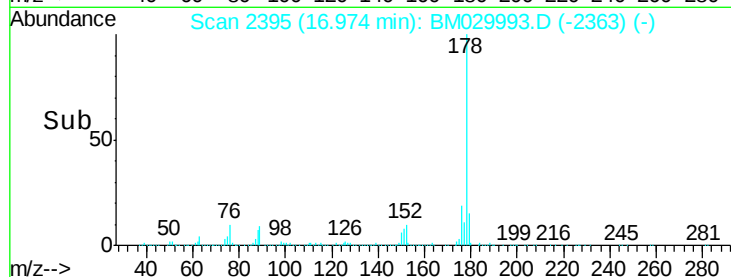
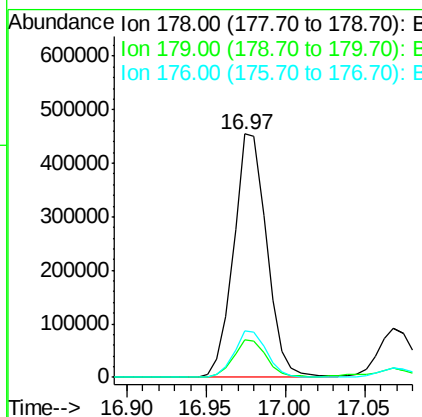
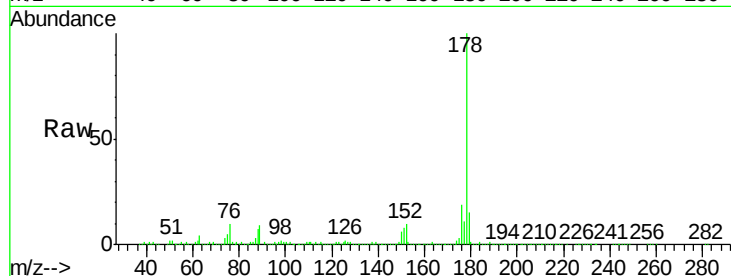
ClientSampleId :

BG597

Tgt Ion:	178	Resp:	654746
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.2	18.4
176	19.3	15.0	22.4

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#74

Anthracene

Concen: 3.935 ng/ul

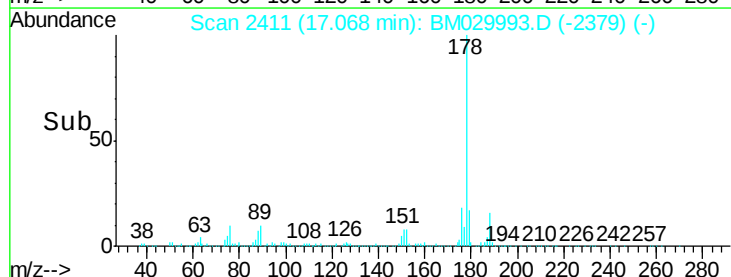
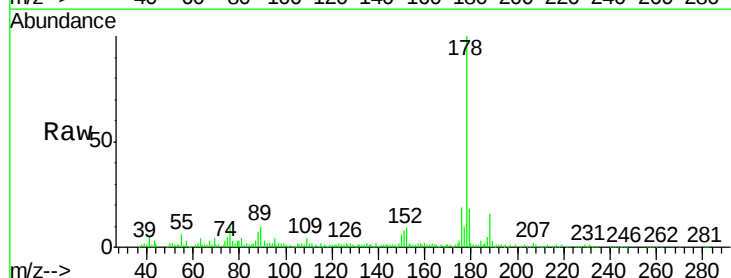
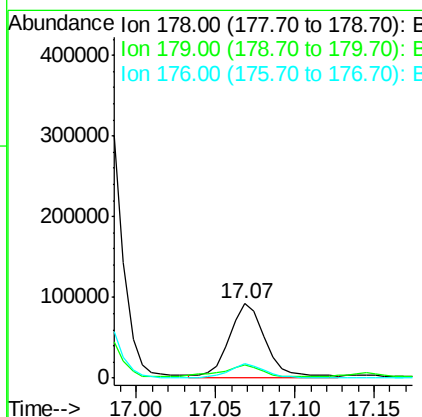
RT: 17.07 min Scan# 2411

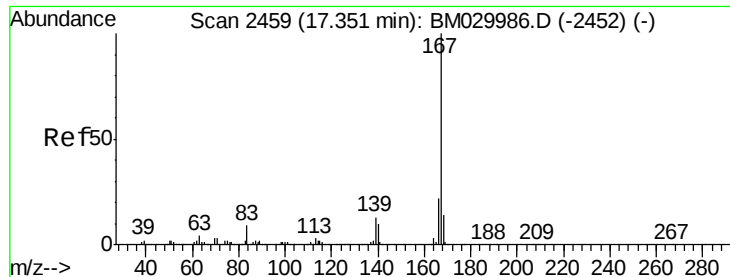
Delta R.T. -0.01 min

Lab File: BM029993.D

Acq: 12 May 2021 22:12

Tgt Ion:	178	Resp:	144369
Ion Ratio	Lower	Upper	
178	100		
179	17.7	12.2	18.2
176	18.7	14.9	22.3





#77

Carbazole

Concen: 1.535 ng/ul

RT: 17.35 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BM029993.D

Acq: 12 May 2021 22:12

Instrument :

BNA_M

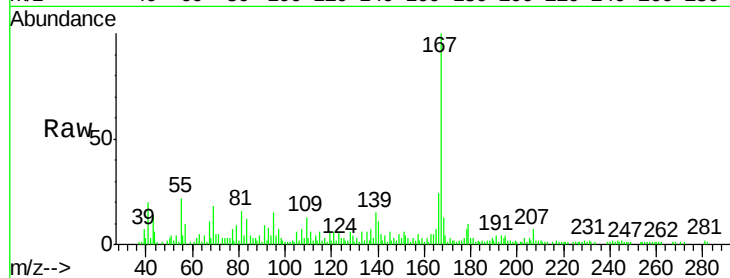
ClientSampled :

BG597

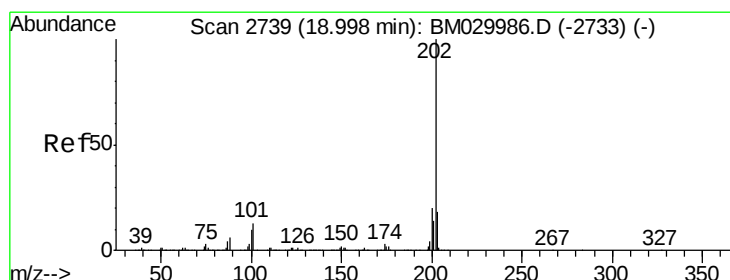
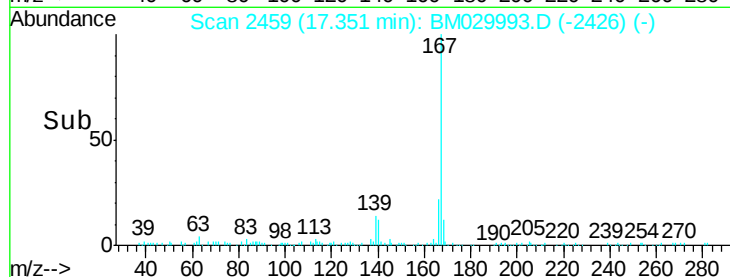
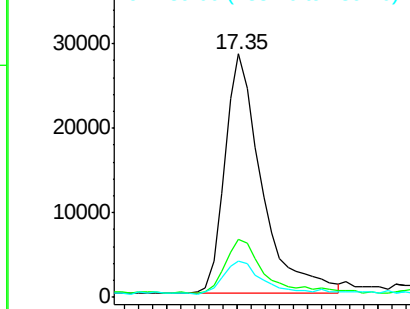
Tgt Ion:	167	Resp:	51588
Ion Ratio	Lower	Upper	
167	100		
166	23.7	17.6	26.4
139	14.8	10.2	15.2

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#80

Fluoranthene

Concen: 29.720 ng/ul

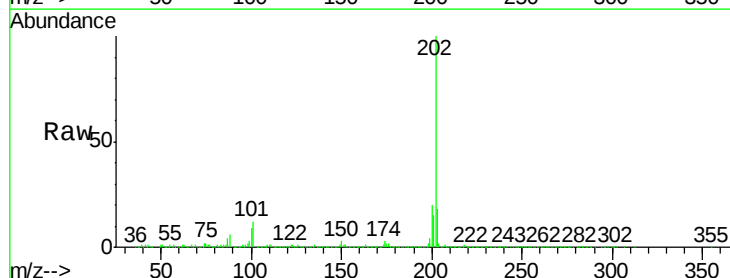
RT: 19.00 min Scan# 2739

Delta R.T. -0.01 min

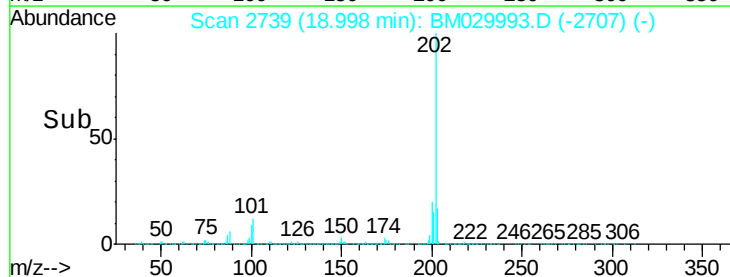
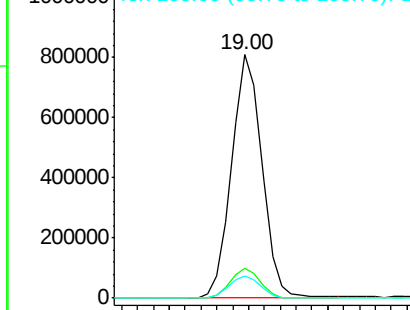
Lab File: BM029993.D

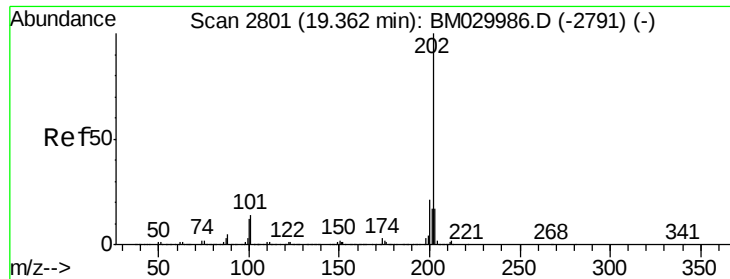
Acq: 12 May 2021 22:12

Tgt Ion:	202	Resp:	1072924
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.0	13.4
100	9.3	7.0	10.6



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





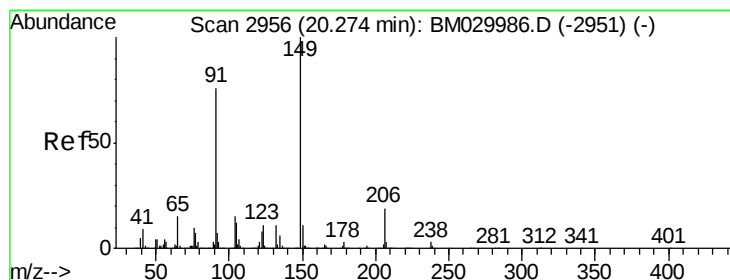
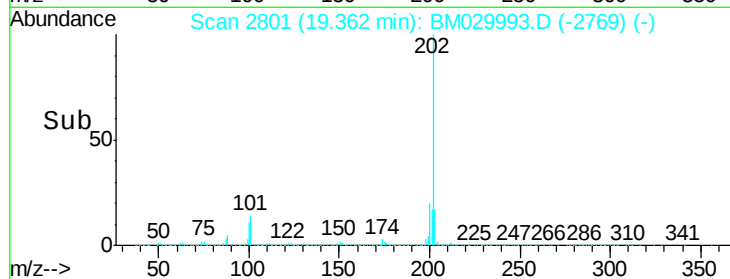
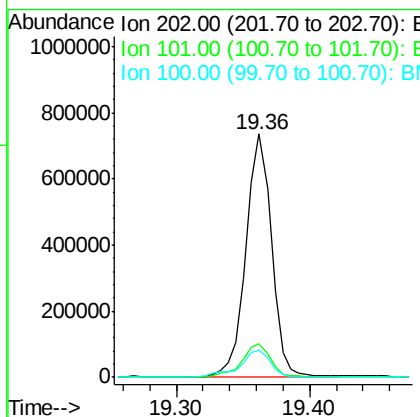
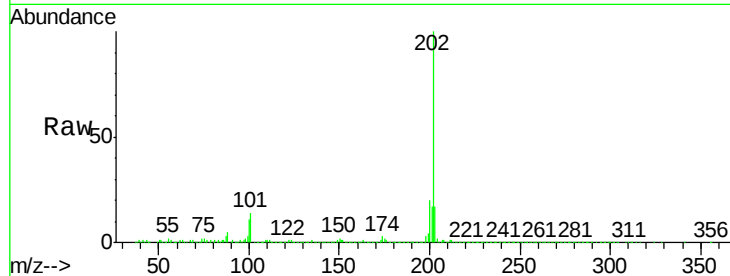
#82
Pyrene
Concen: 25.613 ng/ul
RT: 19.36 min Scan# 2801
Delta R.T. -0.01 min
Lab File: BM029993.D
Acq: 12 May 2021 22:12

Instrument :
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ClientSampled :
BG597

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.1	11.8	17.6
100	11.5	9.2	13.8

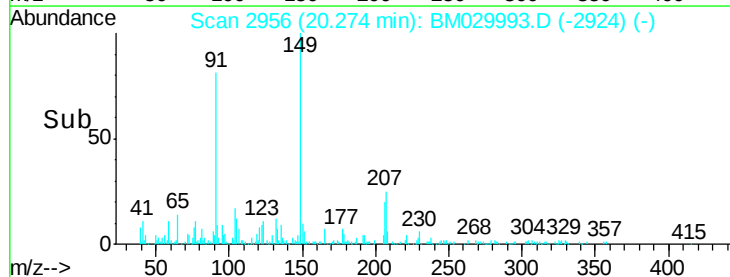
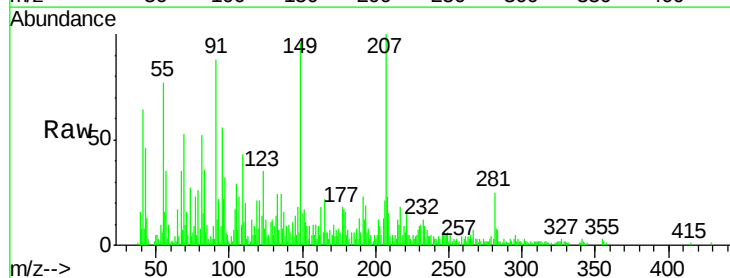
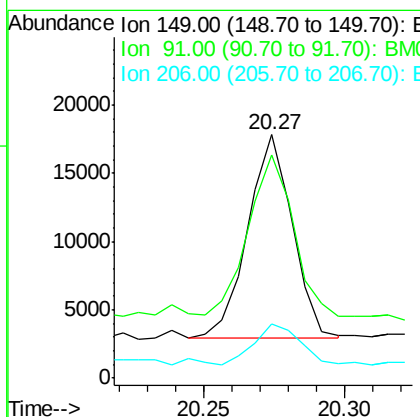
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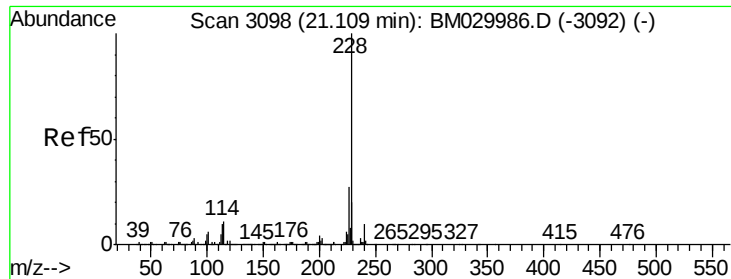
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#83
Butylbenzylphthalate
Concen: 1.203 ng/ul
RT: 20.27 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BM029993.D
Acq: 12 May 2021 22:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	91.7	60.6	91.0#
206	22.2	15.4	23.0





#85

Benzo(a)anthracene

Concen: 12.196 ng/ul

RT: 21.11 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM029993.D

Acq: 12 May 2021 22:12

Instrument :

BNA_M

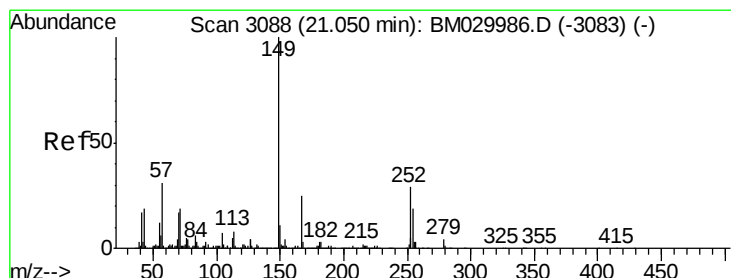
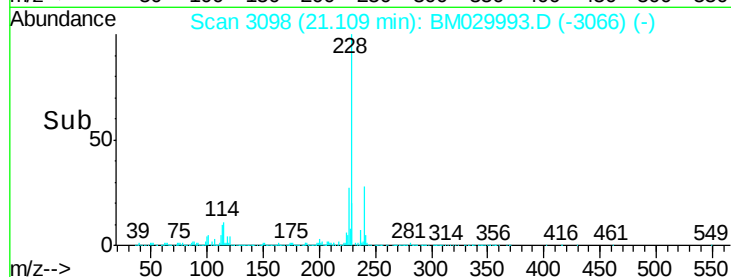
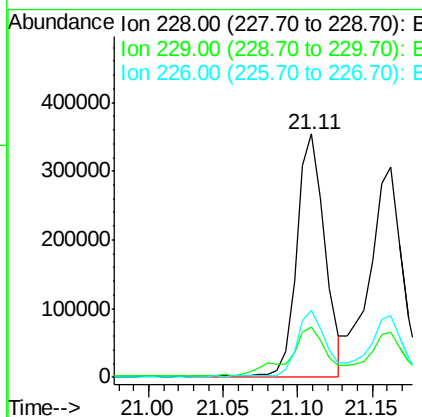
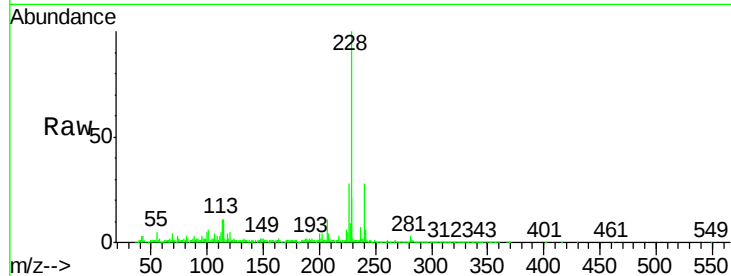
ClientSampleId :

BG597

Tgt Ion:	228	Resp:	460113
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.9	23.9
226	27.7	21.4	32.0

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#86

Bis(2-ethylhexyl)phthalate

Concen: 1.510 ng/ul

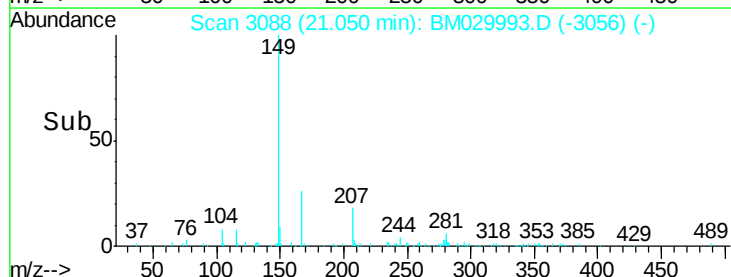
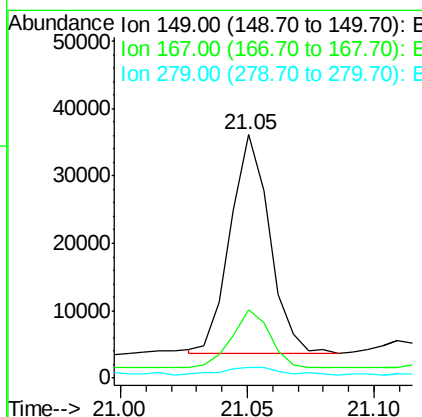
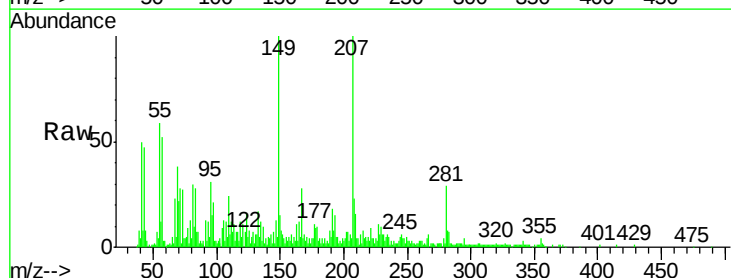
RT: 21.05 min Scan# 3088

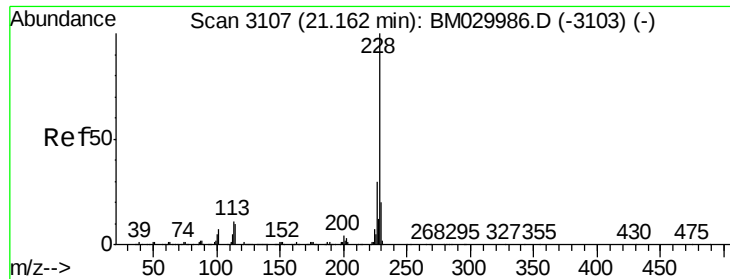
Delta R.T. -0.01 min

Lab File: BM029993.D

Acq: 12 May 2021 22:12

Tgt Ion:	149	Resp:	35154
Ion Ratio	Lower	Upper	
149	100		
167	28.0	21.1	31.7
279	4.5	3.5	5.3





#87

Chrysene

Concen: 12.511 ng/ul

RT: 21.16 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM029993.D

Acq: 12 May 2021 22:12

Instrument :

BNA_M

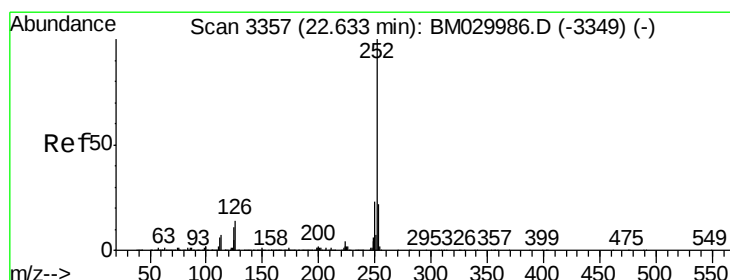
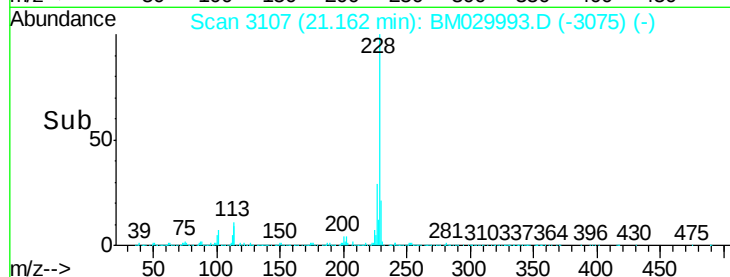
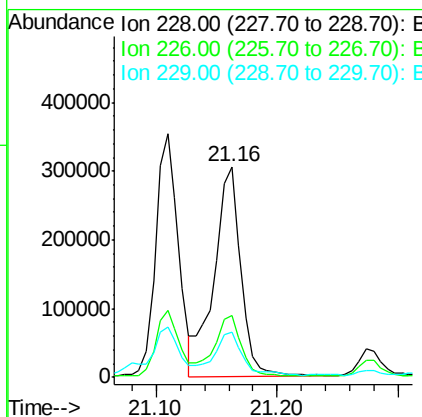
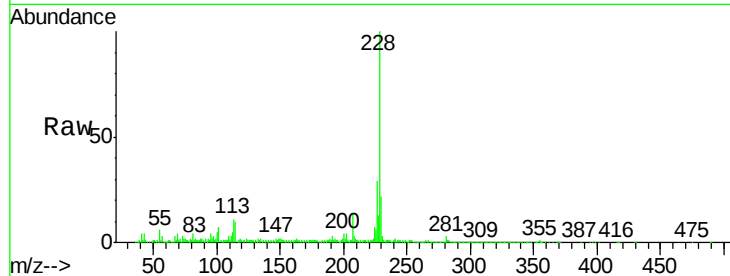
ClientSampleId :

BG597

Tgt Ion:	228	Resp:	470122
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.9	35.9
229	21.6	15.6	23.4

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#90

Benzo(b)fluoranthene

Concen: 15.731 ng/ul

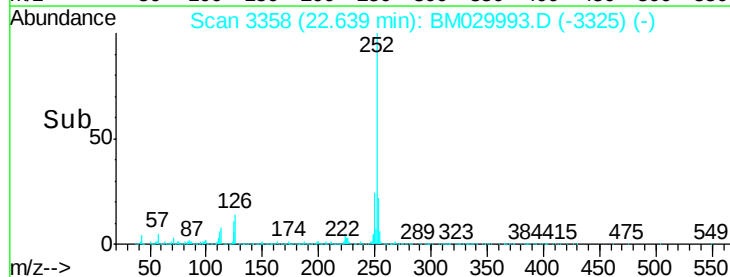
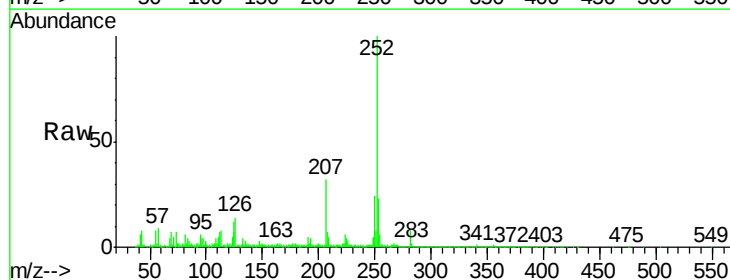
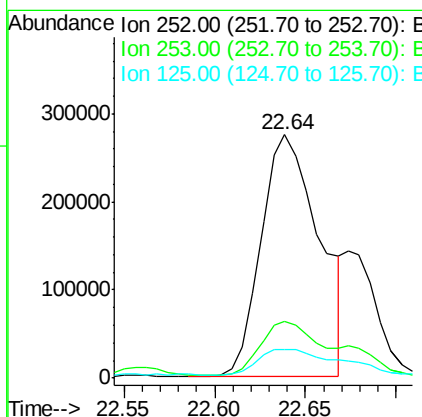
RT: 22.64 min Scan# 3358

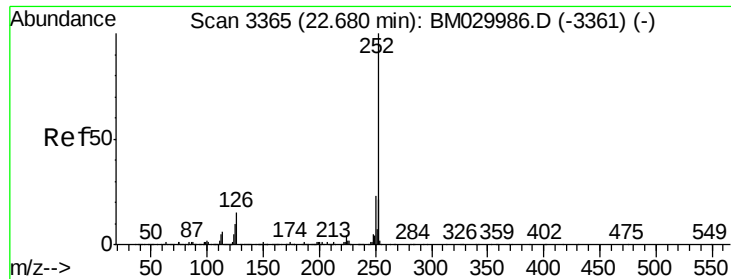
Delta R.T. -0.01 min

Lab File: BM029993.D

Acq: 12 May 2021 22:12

Tgt Ion:	252	Resp:	615232
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.4	26.2
125	11.8	8.6	12.8





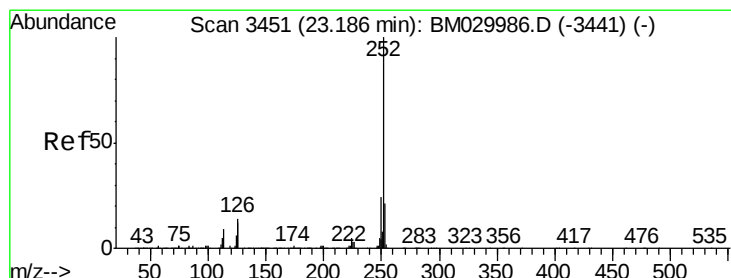
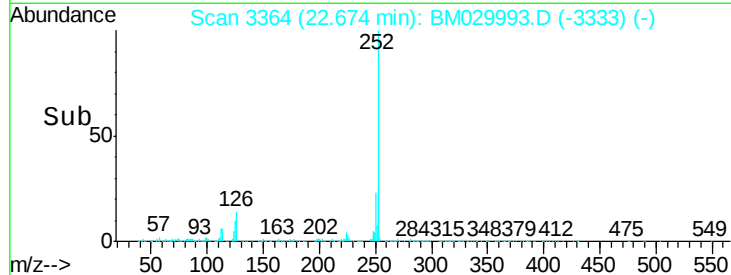
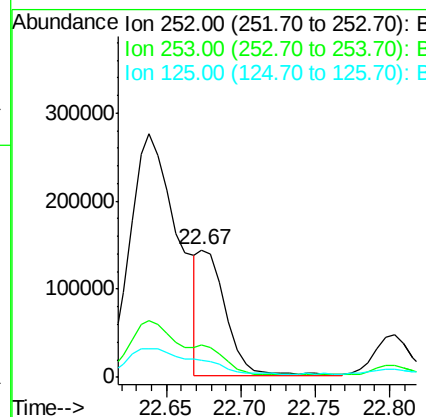
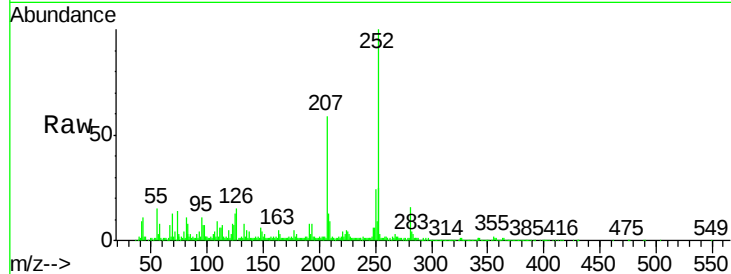
#91
Benzo(k)fluoranthene
Concen: 4.363 ng/ul m
RT: 22.67 min Scan# 3364
Delta R.T. -0.02 min
Lab File: BM029993.D
Acq: 12 May 2021 22:12

Instrument :
BNA_M
ClientSampleId :
BG597

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	179387		
253	25.1	17.8	26.8	
125	13.4	8.4	12.6	

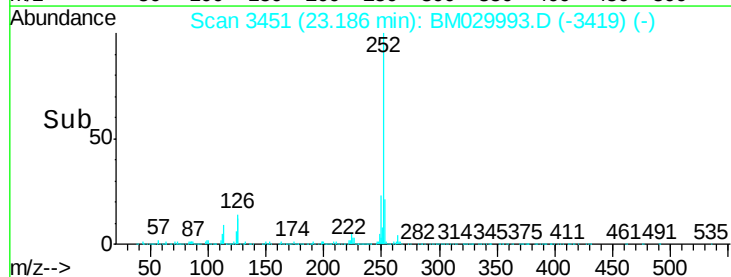
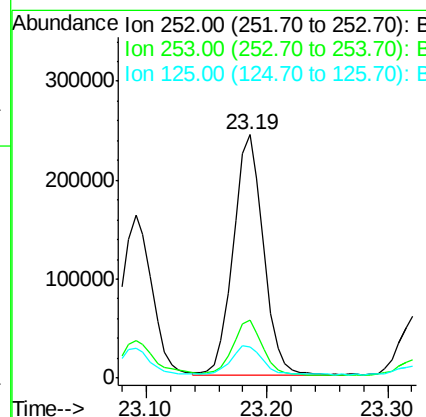
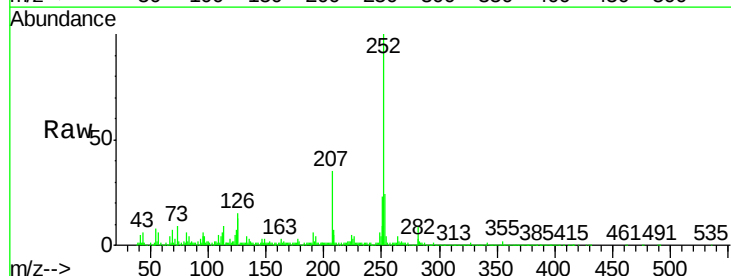
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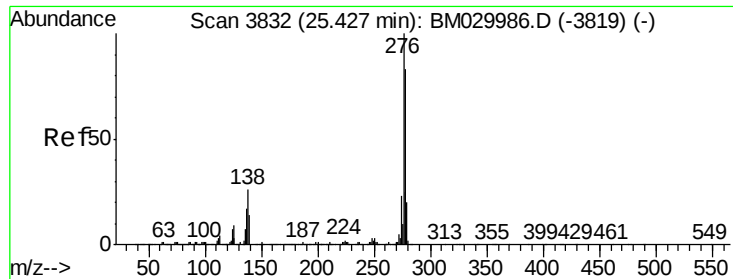
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#93
Benzo(a)pyrene
Concen: 11.956 ng/ul
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BM029993.D
Acq: 12 May 2021 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	424678		
253	24.0	17.9	26.9	
125	12.9	9.6	14.4	





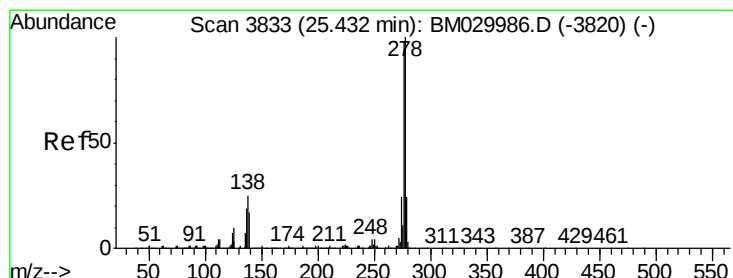
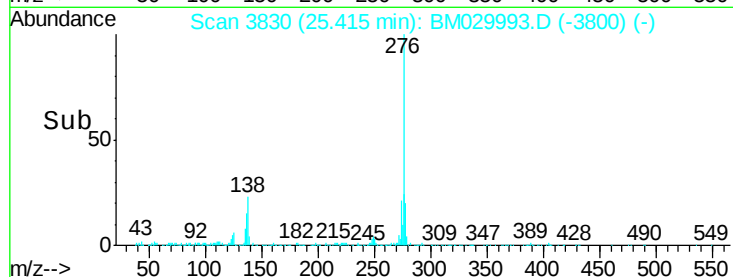
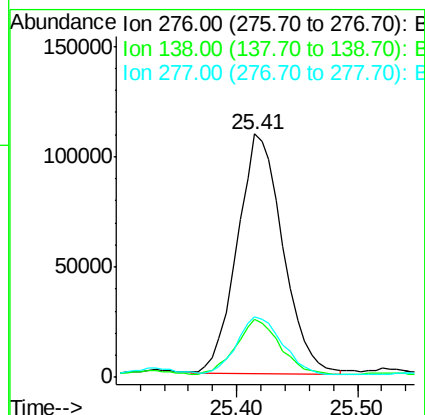
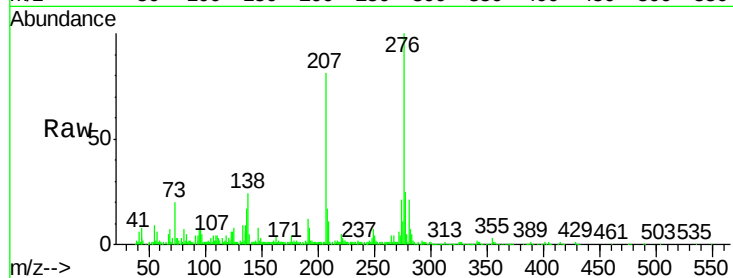
#94
 Indeno(1,2,3-cd)pyrene
 Concen: 6.608 ng/ul
 RT: 25.41 min Scan# 3830
 Delta R.T. -0.02 min
 Lab File: BM029993.D
 Acq: 12 May 2021 22:12

Instrument :
 BNA_M
 ClientSampleId :
 BG597

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	23.8	21.1	31.7
277	25.0	20.3	30.5

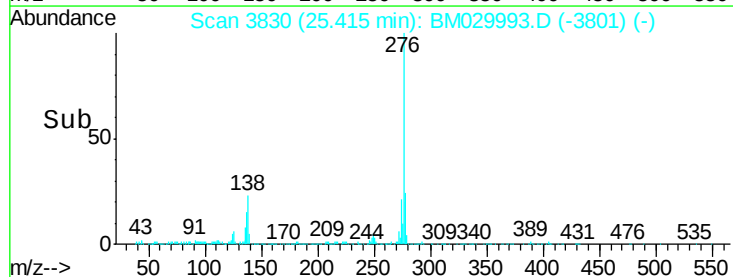
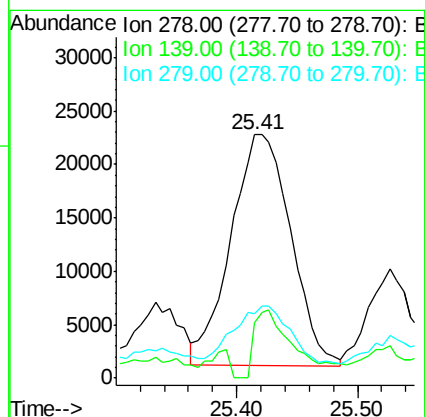
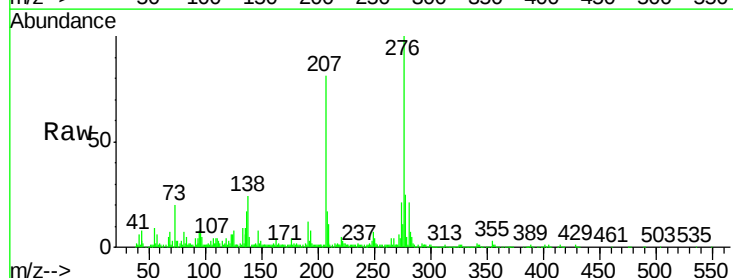
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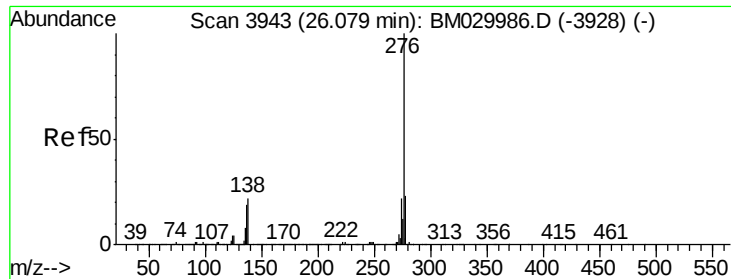
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#95
 Dibenzo(a,h)anthracene
 Concen: 2.037 ng/ul
 RT: 25.41 min Scan# 3830
 Delta R.T. -0.03 min
 Lab File: BM029993.D
 Acq: 12 May 2021 22:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	22.7	13.5	20.3#
279	26.5	18.6	28.0





#96

Benzo(g,h,i)perylene

Concen: 6.764 ng/ul

RT: 26.07 min Scan# 3942

Delta R.T. -0.02 min

Lab File: BM029993.D

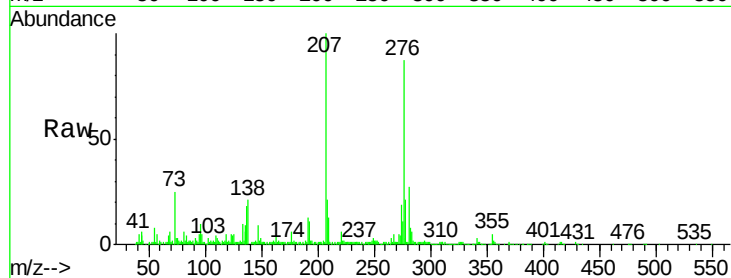
Acq: 12 May 2021 22:12

Instrument :

BNA_M

ClientSampleId :

BG597



Tgt Ion:	276	Resp:	235607
Ion Ratio	Lower	Upper	
276	100		
138	23.9	17.8	26.8
277	24.3	18.5	27.7

Manual Integrations
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