

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051021\
 Data File : BM029994.D
 Acq On : 12 May 2021 22:49
 Operator : CG/JU
 Sample : M2232-06
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG5A3

Manual Integrations
 APPROVED

Sohil
 5/13/2021 10:31:23 AM

Quant Time: May 13 02:41:13 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	137213	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.32	136	583507	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.19	164	359440	20.00	ng/ul	-0.01
64) Phenanthrene-d10	16.93	188	678112	20.00	ng/ul	-0.01
79) Chrysene-d12	21.12	240	605159	20.00	ng/ul	-0.01
88) Perylene-d12	23.27	264	631644	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	6765	1.97	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.73	99	97871	7.67	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.89	67	73407	9.28	ng/ul	0.00
11) 2-Chlorophenol-d4	7.08	132	93671	9.51	ng/ul	0.00
15) 4-Methylphenol-d8	8.26	113	83439	7.91	ng/ul	0.00
21) Nitrobenzene-d5	8.70	128	40440	10.06	ng/ul	0.00
24) 2-Nitrophenol-d4	9.42	143	42432	9.35	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	75335	8.28	ng/ul	0.00
31) 4-Chloroaniline-d4	10.48	131	81653	5.90	ng/ul	0.00
46) Dimethylphthalate-d6	13.61	166	296803	10.65	ng/ul	-0.01
49) Acenaphthylene-d8	13.88	160	344605	9.76	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.48	143	11727m	2.58	ng/ul	0.05
60) Fluorene-d10	15.19	176	251766	10.64	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.33	200	19719	4.48	ng/ul	0.00
73) Anthracene-d10	17.03	188	386384	11.32	ng/ul	-0.01
81) Pyrene-d10	19.33	212	414399	13.35	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.14	264	389871	10.89	ng/ul	-0.01

Target Compounds

					Qvalue
72) Phenanthrene	16.98	178	70142	1.754	ng/ul 99
80) Fluoranthene	19.00	202	172677	4.570	ng/ul 96
82) Pyrene	19.36	202	180229	4.533	ng/ul 97
85) Benzo(a)anthracene	21.11	228	80283	2.033	ng/ul 96
86) Bis(2-ethylhexyl)phthalate	21.05	149	24483	1.005	ng/ul 98
87) Chrysene	21.16	228	91057m	2.316	ng/ul
90) Benzo(b)fluoranthene	22.64	252	107621	2.627	ng/ul# 94
93) Benzo(a)pyrene	23.18	252	71155	1.912	ng/ul# 92
96) Benzo(g,h,i)perylene	26.07	276	39168	1.073	ng/ul 98

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

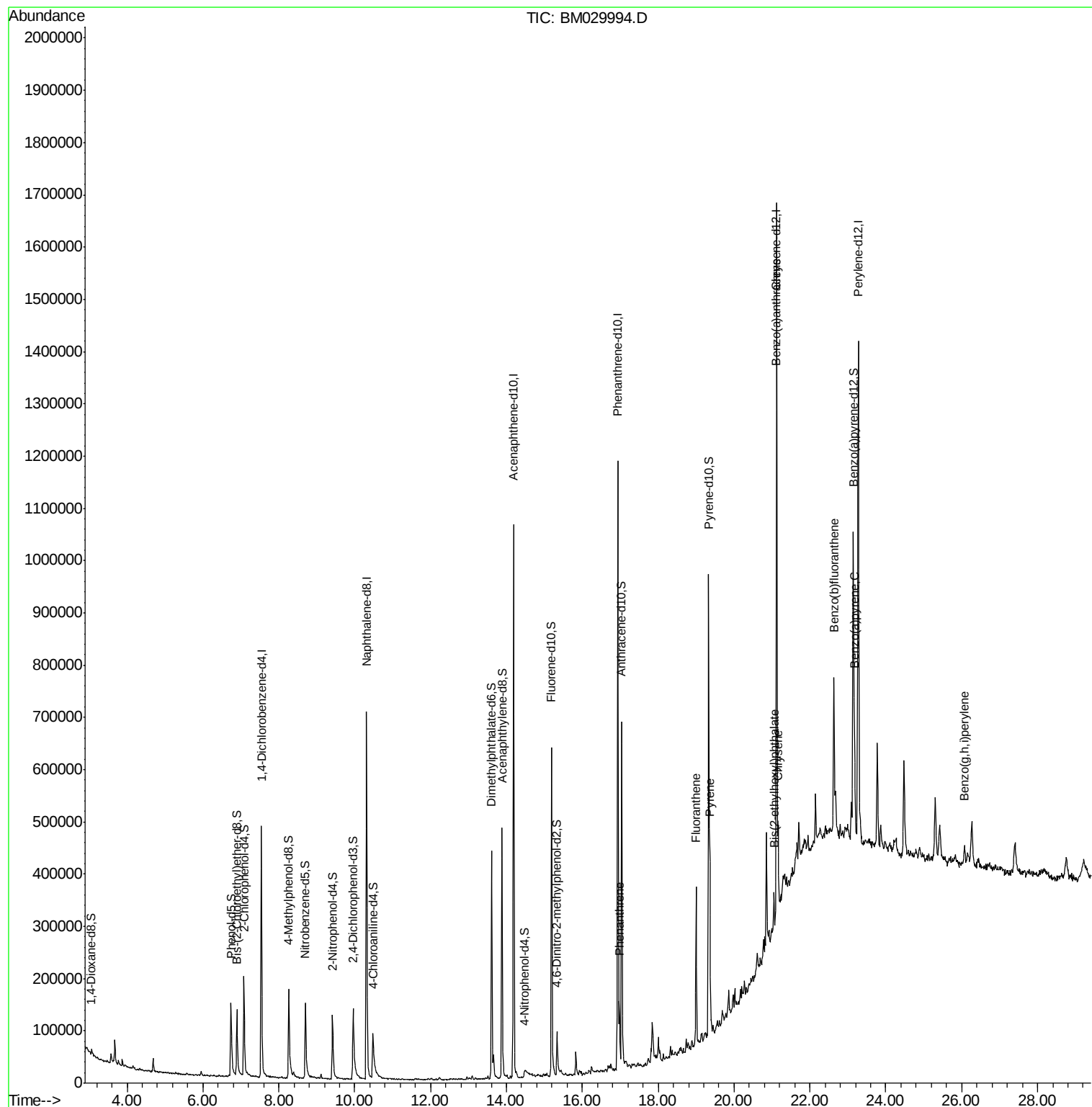
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051021\
Data File : BM029994.D
Acq On : 12 May 2021 22:49
Operator : CG/JU
Sample : M2232-06
Misc :
ALS Vial : 93 Sample Multiplier: 1

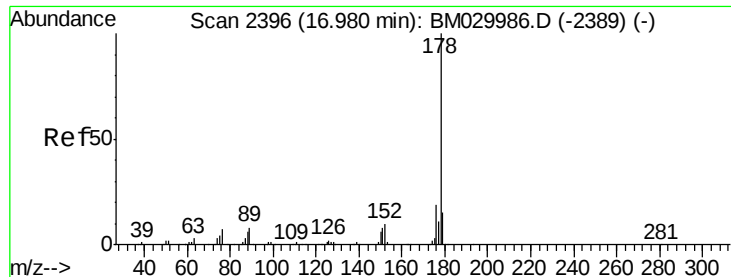
Instrument :
BNA_M
ClientSampleId :
BG5A3

Quant Time: May 13 02:41:13 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

Manual Integrations
APPROVED

Sohil
5/13/2021 10:31:23 AM





#72

Phenanthrene

Concen: 1.754 ng/ul

RT: 16.98 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BM029994.D

Acq: 12 May 2021 22:49

Instrument :

BNA_M

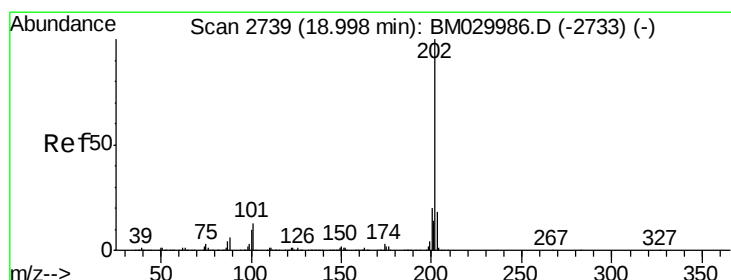
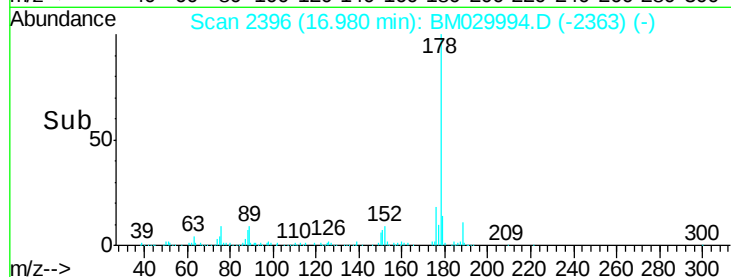
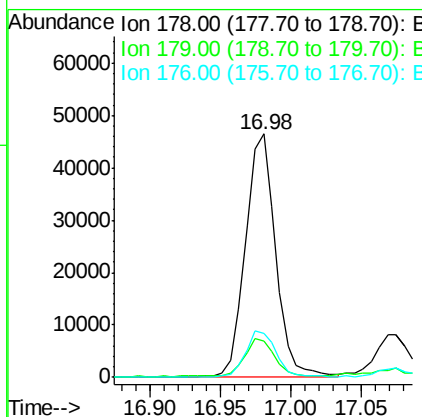
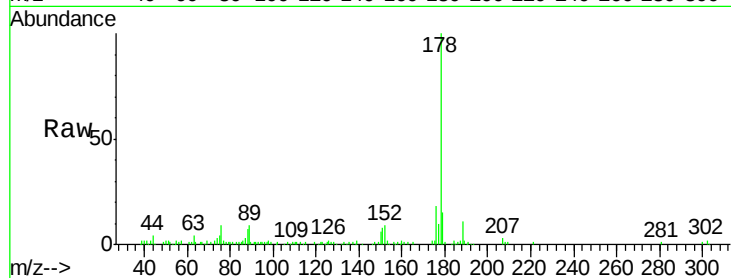
ClientSampleId :

BG5A3

Tgt Ion:	178	Resp:	70142
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.2	18.4
176	18.3	15.0	22.4

Manual Integrations
APPROVED

Sohil
5/13/2021 10:31:23 AM



#80

Fluoranthene

Concen: 4.570 ng/ul

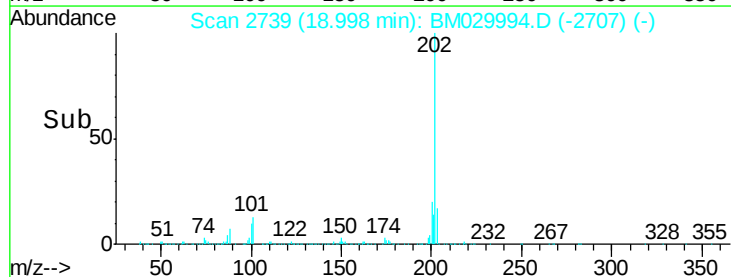
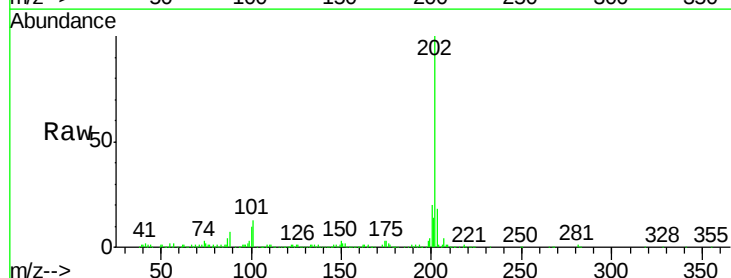
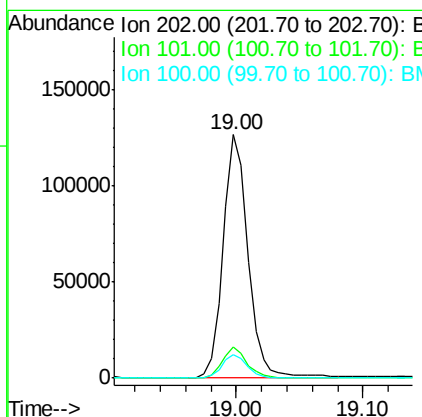
RT: 19.00 min Scan# 2739

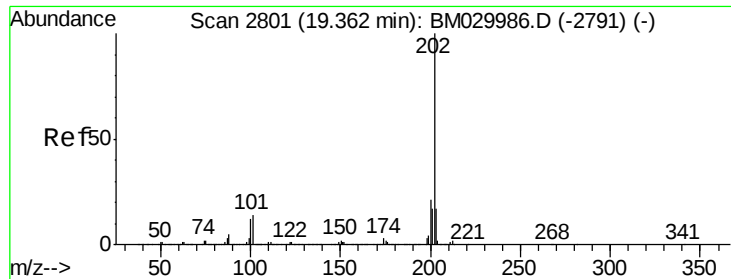
Delta R.T. -0.01 min

Lab File: BM029994.D

Acq: 12 May 2021 22:49

Tgt Ion:	202	Resp:	172677
Ion Ratio	Lower	Upper	
202	100		
101	13.0	9.0	13.4
100	9.6	7.0	10.6





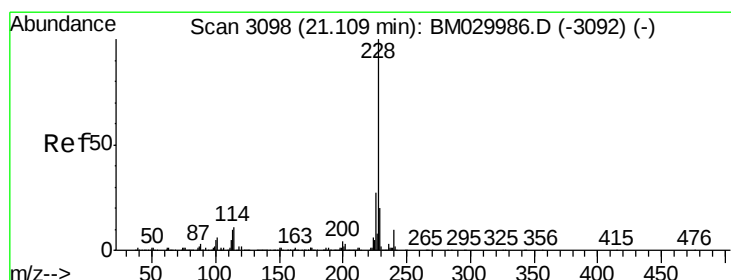
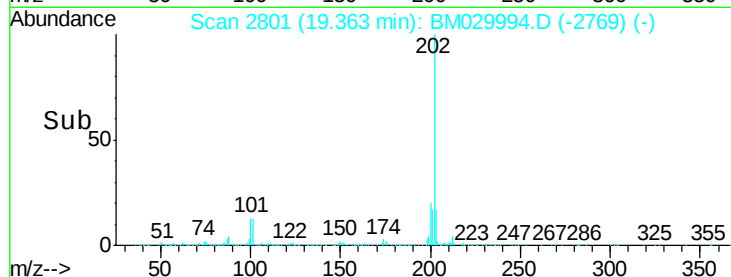
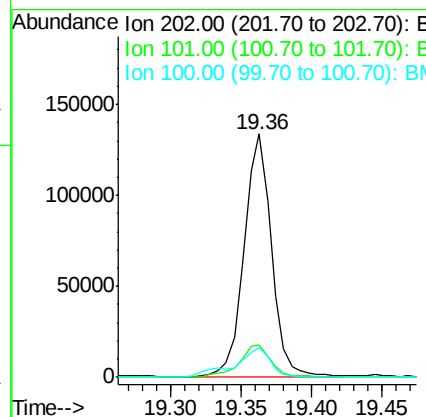
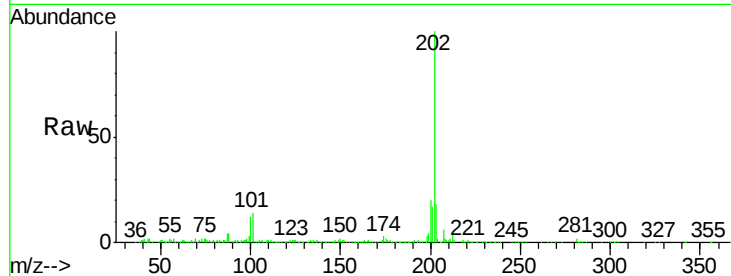
#82
Pyrene
Concen: 4.533 ng/ul
RT: 19.36 min Scan# 2801
Delta R.T. -0.01 min
Lab File: BM029994.D
Acq: 12 May 2021 22:49

Instrument :
BNA_M
ClientSampleId :
BG5A3

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.6	11.8	17.6
100	12.4	9.2	13.8

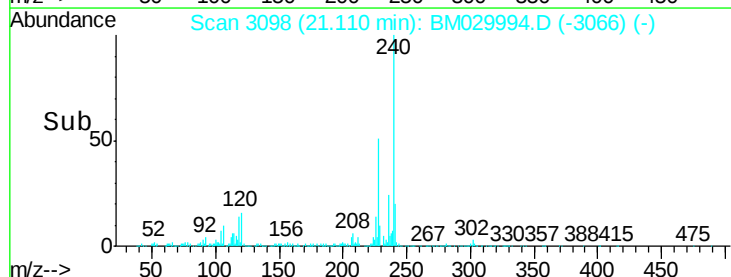
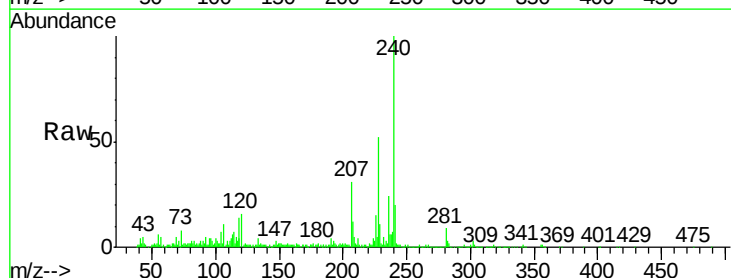
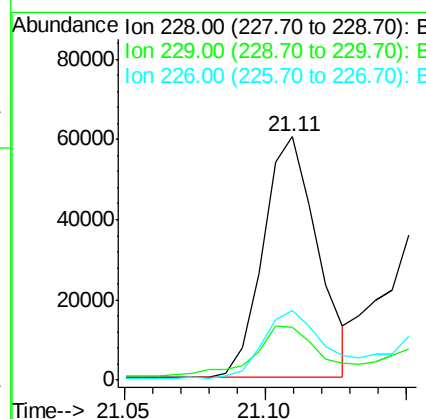
Manual Integrations
APPROVED

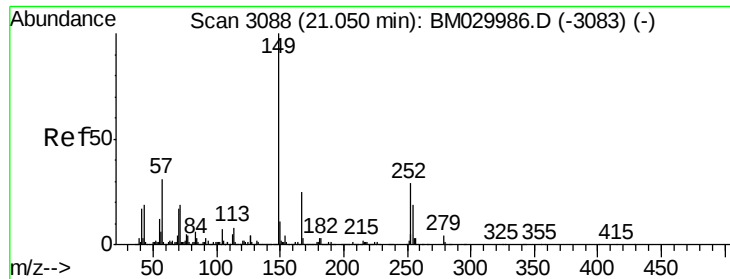
Sohil
5/13/2021 10:31:23 AM



#85
Benzo(a)anthracene
Concen: 2.033 ng/ul
RT: 21.11 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM029994.D
Acq: 12 May 2021 22:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.9	15.9	23.9
226	28.7	21.4	32.0





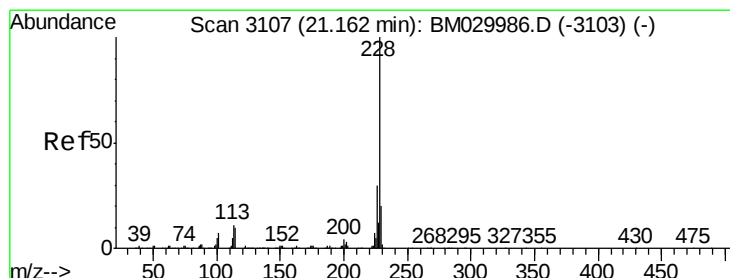
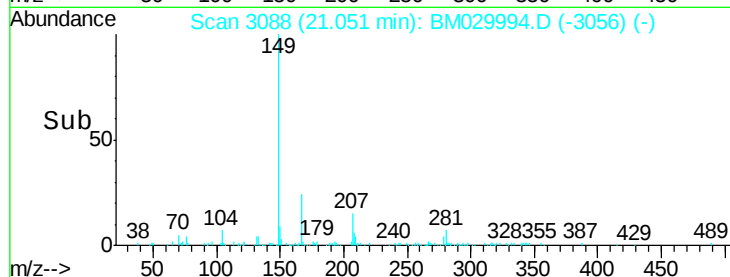
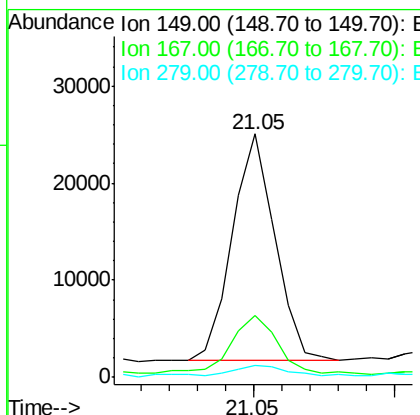
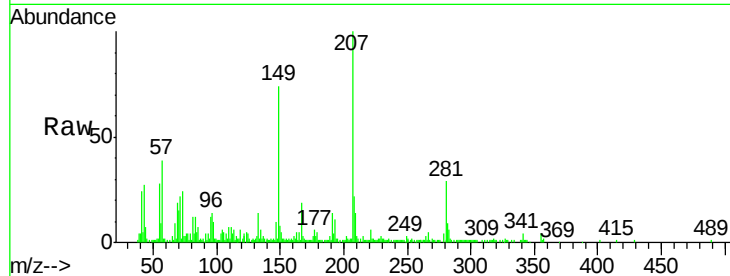
#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.005 ng/ul
 RT: 21.05 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM029994.D
 Acq: 12 May 2021 22:49

Instrument :
 BNA_M
 ClientSampleId :
 BG5A3

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	24483		
167	25.2	21.1	31.7	
279	4.9	3.5	5.3	

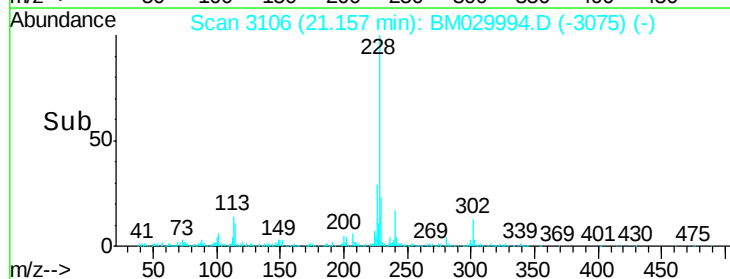
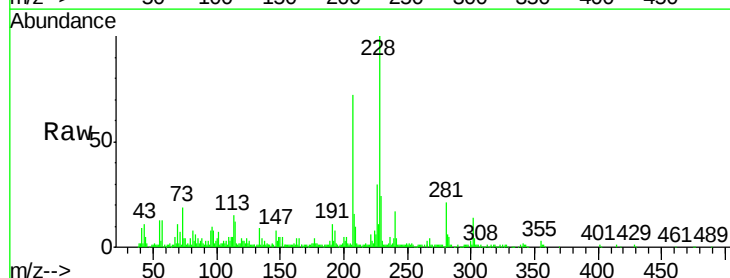
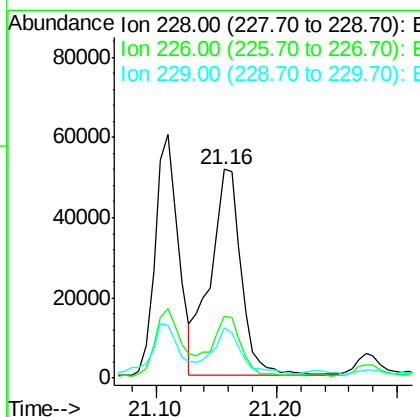
Manual Integrations
 APPROVED

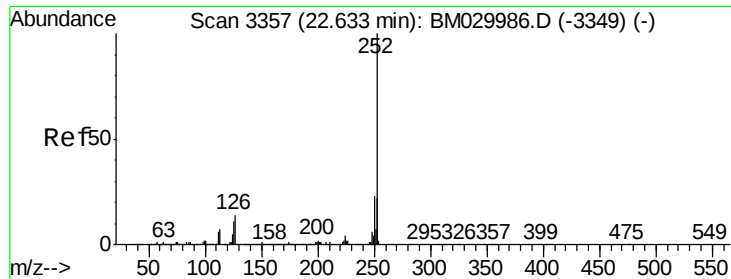
Sohil
 5/13/2021 10:31:23 AM



#87
 Chrysene
 Concen: 2.316 ng/ul m
 RT: 21.16 min Scan# 3106
 Delta R.T. -0.02 min
 Lab File: BM029994.D
 Acq: 12 May 2021 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	91057		
226	29.8	23.9	35.9	
229	23.9	15.6	23.4	





#90

Benzo(b)fluoranthene

Concen: 2.627 ng/ul

RT: 22.64 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BM029994.D

Acq: 12 May 2021 22:49

Instrument :

BNA_M

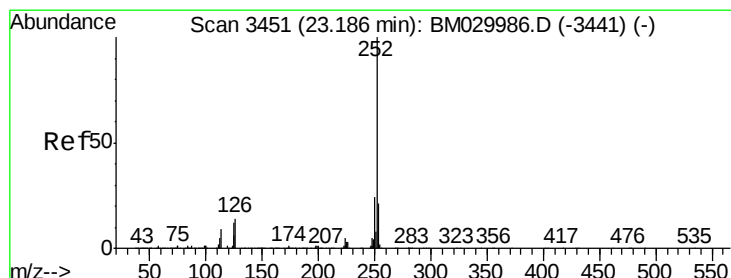
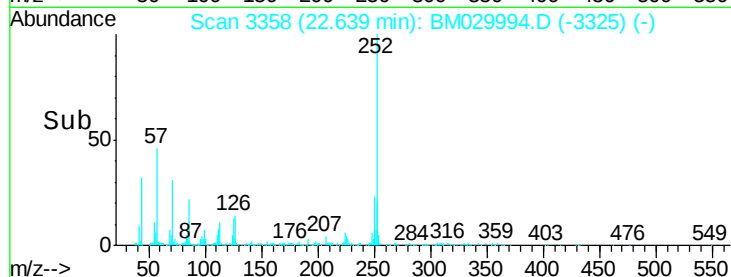
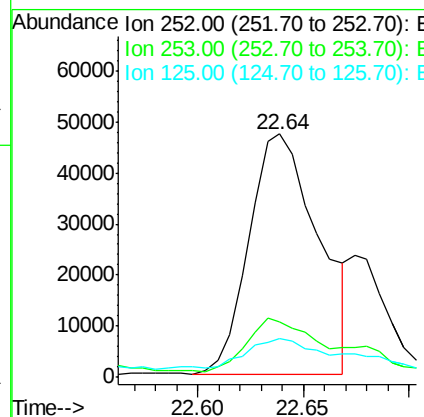
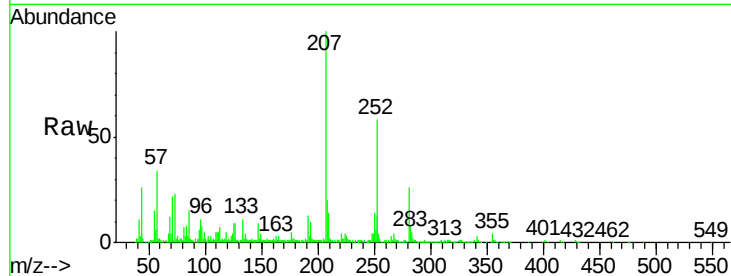
ClientSampleId :

BG5A3

Tgt	Ion	252	Resp:	107621
Ion	Ratio	Lower	Upper	
252	100			
253	22.7	17.4	26.2	
125	15.9	8.6	12.8	

Manual Integrations
APPROVED

Sohil
5/13/2021 10:31:23 AM



#93

Benzo(a)pyrene

Concen: 1.912 ng/ul

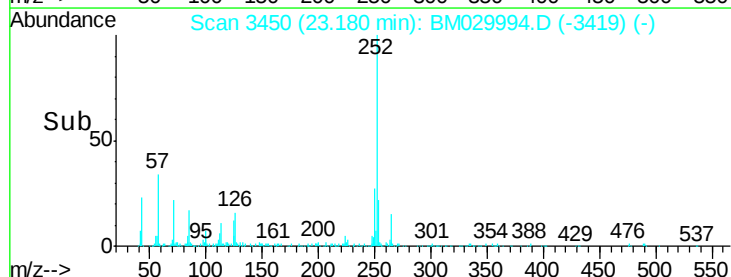
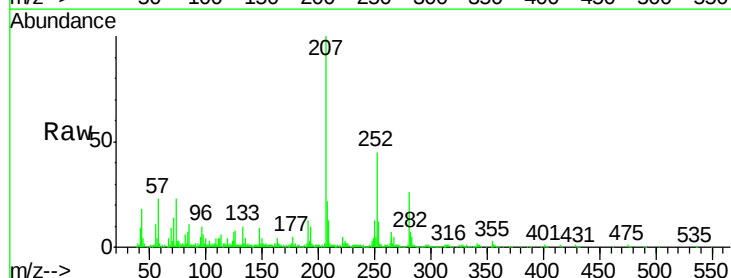
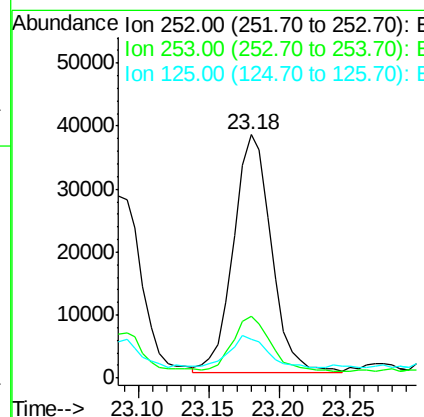
RT: 23.18 min Scan# 3450

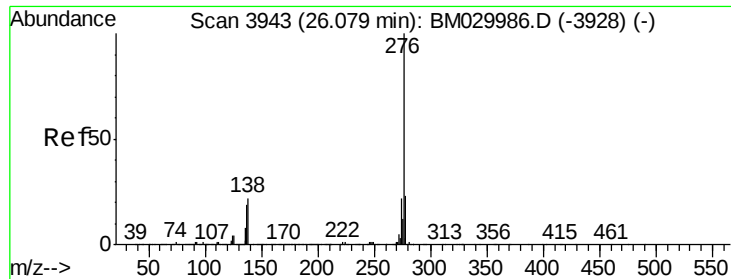
Delta R.T. -0.02 min

Lab File: BM029994.D

Acq: 12 May 2021 22:49

Tgt	Ion	252	Resp:	71155
Ion	Ratio	Lower	Upper	
252	100			
253	25.6	17.9	26.9	
125	16.1	9.6	14.4	





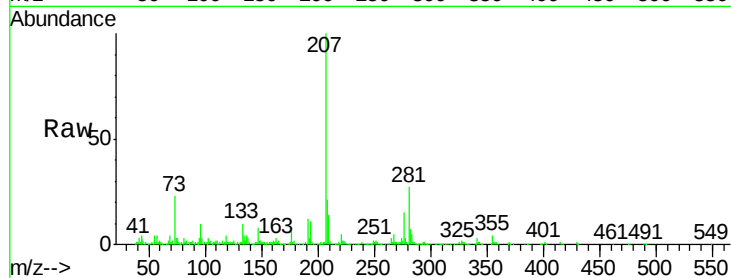
#96
 Benzo(g,h,i)perylene
 Concen: 1.073 ng/ul
 RT: 26.07 min Scan# 3942
 Delta R.T. -0.02 min
 Lab File: BM029994.D
 Acq: 12 May 2021 22:49

Instrument :
 BNA_M
 ClientSampleId :
 BG5A3

Tgt Ion:	276	Resp:	39168
Ion Ratio	Lower	Upper	
276	100		
138	23.0	17.8	26.8
277	22.0	18.5	27.7

Manual Integrations
 APPROVED

Sohil
 5/13/2021 10:31:23 AM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

