

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051021\
 Data File : BM029997.D
 Acq On : 13 May 2021 00:37
 Operator : CG/JU
 Sample : M2232-07
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG5A6

Manual Integrations
 APPROVED

Sohil
 5/13/2021 10:31:29 AM

Quant Time: May 13 03:00:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 13 01:44:27 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	148883	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.32	136	665548	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.19	164	415393	20.00	ng/ul	-0.02
64) Phenanthrene-d10	16.93	188	738450	20.00	ng/ul	-0.01
79) Chrysene-d12	21.12	240	566144	20.00	ng/ul	-0.01
88) Perylene-d12	23.27	264	597304	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	11579	3.11	ng/uL	0.00
4) Pyridine-d5	3.49	84	97587m	10.46	ng/ul	0.01
7) Phenol-d5	6.73	99	233252	16.85	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	6.89	67	145860	16.99	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.07	132	195521	18.30	ng/ul	-0.01
15) 4-Methylphenol-d8	8.26	113	202719	17.70	ng/ul	-0.01
21) Nitrobenzene-d5	8.70	128	91282	19.90	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.41	143	97612	18.86	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.95	165	190823	18.38	ng/ul	0.00
31) 4-Chloroaniline-d4	10.47	131	204248	12.93	ng/ul	0.00
46) Dimethylphthalate-d6	13.61	166	717838	22.29	ng/ul	-0.01
49) Acenaphthylene-d8	13.88	160	864342	21.18	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.44	143	67483	12.87	ng/ul	0.01
60) Fluorene-d10	15.19	176	678067	24.81	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.33	200	66265	13.82	ng/ul	0.00
73) Anthracene-d10	17.03	188	1064428	28.62	ng/ul	-0.01
81) Pyrene-d10	19.33	212	1056189	36.37	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.14	264	975184	28.80	ng/ul	-0.01

Target Compounds

					Qvalue
8) Phenol	6.76	94	19433	1.375 ng/ul#	82
18) 4-Methylphenol	8.32	108	18680m	1.573 ng/ul	
47) Dimethylphthalate	13.66	163	67691	2.100 ng/ul	98
72) Phenanthrene	16.98	178	547403	12.572 ng/ul	100
74) Anthracene	17.07	178	66856	1.502 ng/ul	96
77) Carbazole	17.35	167	51072	1.252 ng/ul#	97
80) Fluoranthene	19.00	202	787113	22.269 ng/ul	97
82) Pyrene	19.36	202	653232	17.561 ng/ul	99
83) Butylbenzylphthalate	20.27	149	37246	2.818 ng/ul	97
85) Benzo(a)anthracene	21.11	228	234394	6.346 ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.05	149	241949	10.615 ng/ul	99
87) Chrysene	21.16	228	291744	7.930 ng/ul	97
90) Benzo(b)fluoranthene	22.63	252	362259	9.350 ng/ul#	92
91) Benzo(k)fluoranthene	22.67	252	128150m	3.146 ng/ul	
93) Benzo(a)pyrene	23.18	252	222287	6.317 ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	25.42	276	163067	3.829 ng/ul	96
95) Dibenzo(a,h)anthracene	25.43	278	39779	1.102 ng/ul#	75
96) Benzo(g,h,i)perylene	26.07	276	135451	3.925 ng/ul	98

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

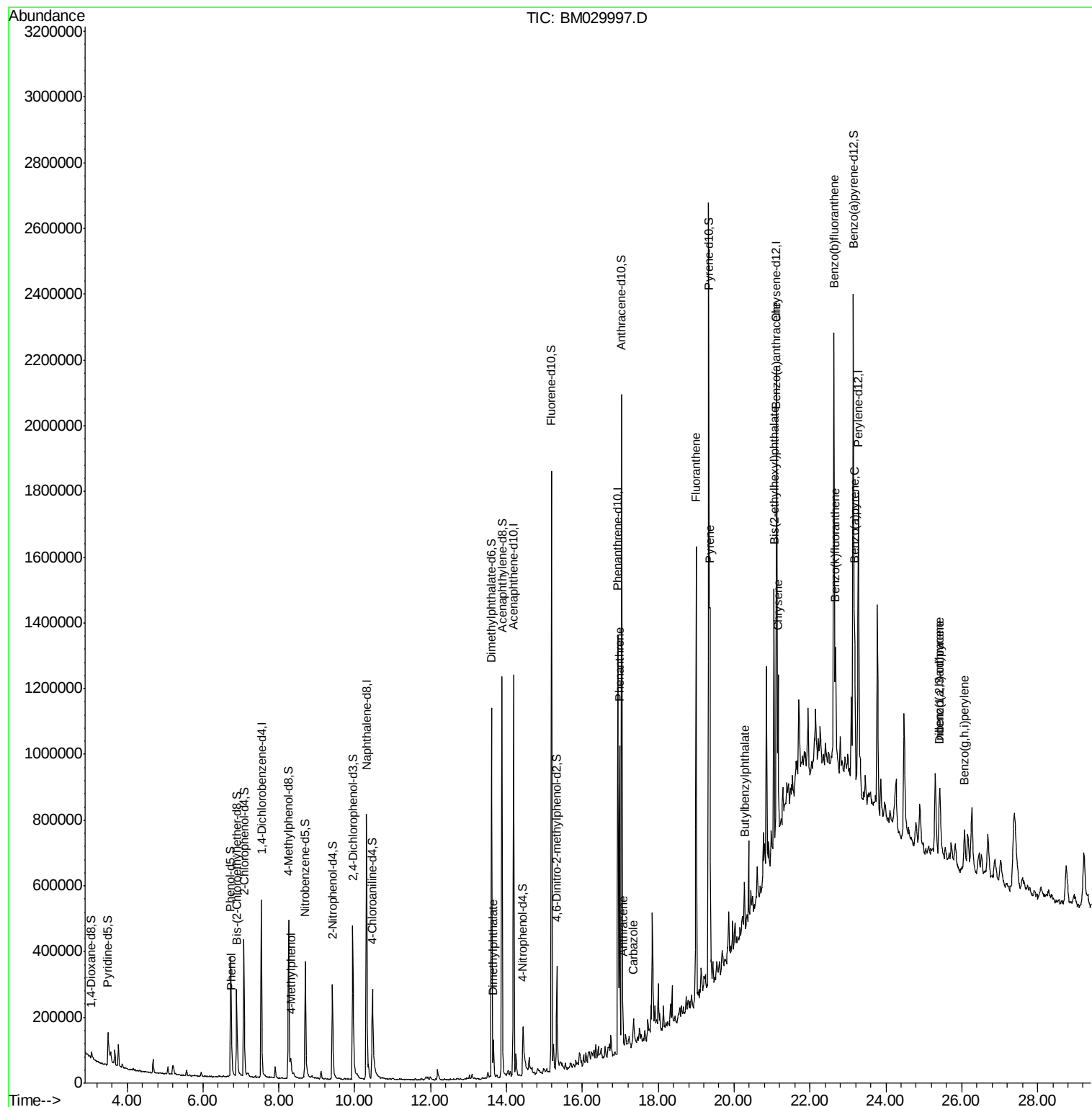
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Data File : BM029997.D
Acq On : 13 May 2021 00:37
Operator : CG/JU
Sample : M2232-07
Misc :
ALS Vial : 96 Sample Multiplier: 1

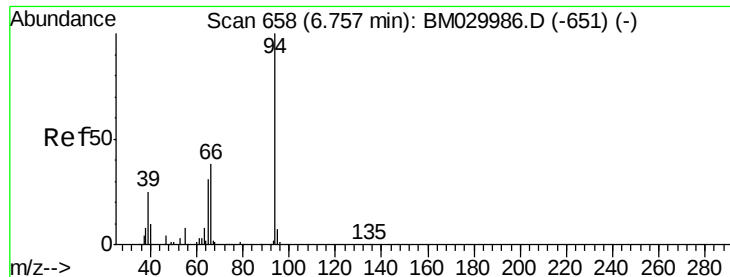
Instrument :
BNA_M
ClientSampleId :
BG5A6

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Quant Time: May 13 03:00:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 13 01:44:27 2021
Response via : Initial Calibration





#8

Phenol

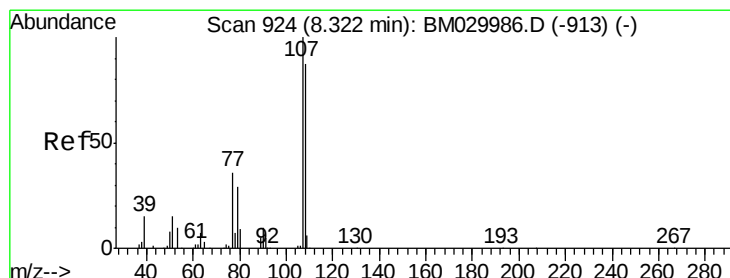
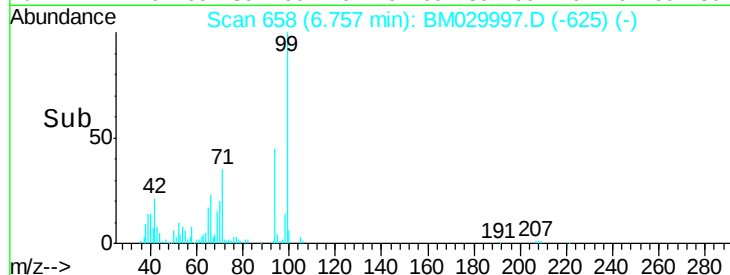
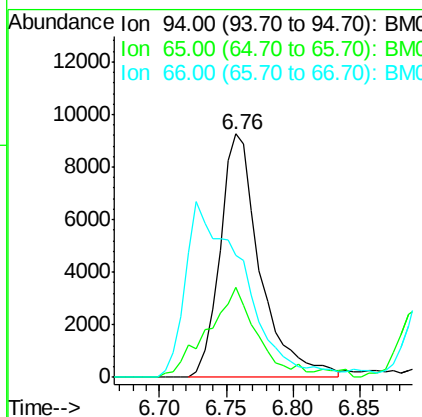
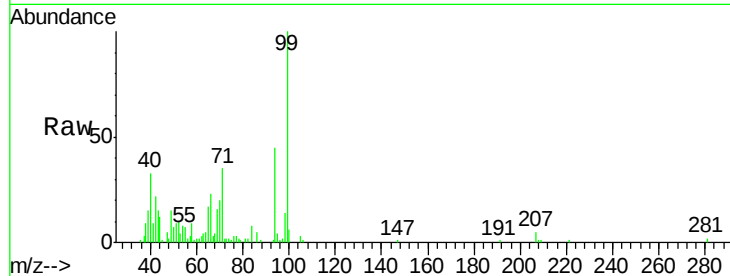
Concen: 1.375 ng/ul
 RT: 6.76 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BM029997.D
 Acq: 13 May 2021 00:37

Instrument :
 BNA_M
 ClientSampleId :
 BG5A6

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.8	23.3	34.9#
66	50.2	30.6	45.8#

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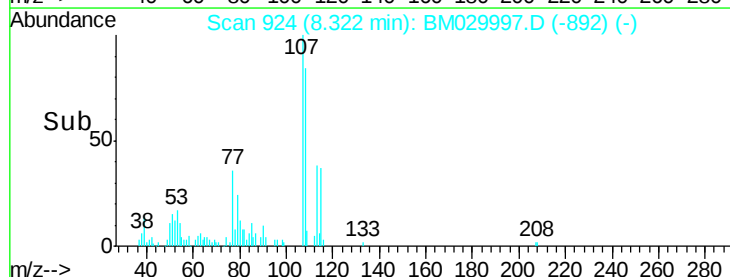
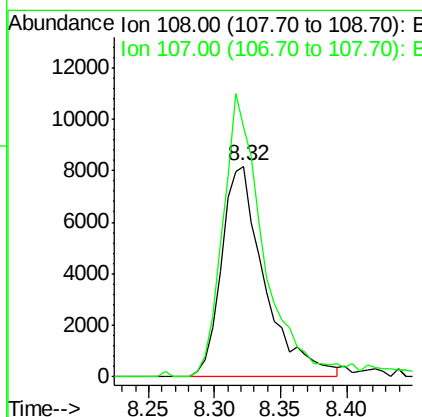
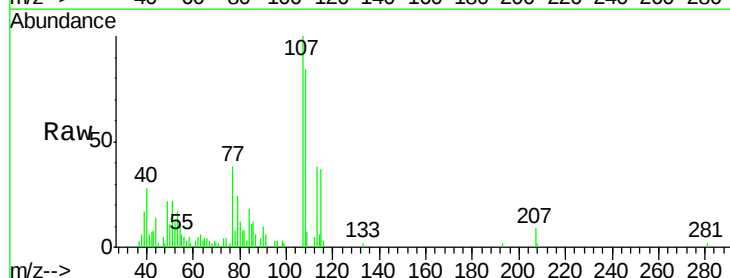


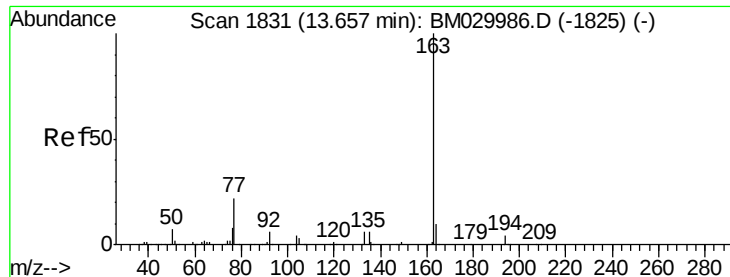
#18

4-Methylphenol

Concen: 1.573 ng/ul m
 RT: 8.32 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BM029997.D
 Acq: 13 May 2021 00:37

Tgt Ion	Ratio	Lower	Upper
108	100		
107	118.6	89.4	134.0





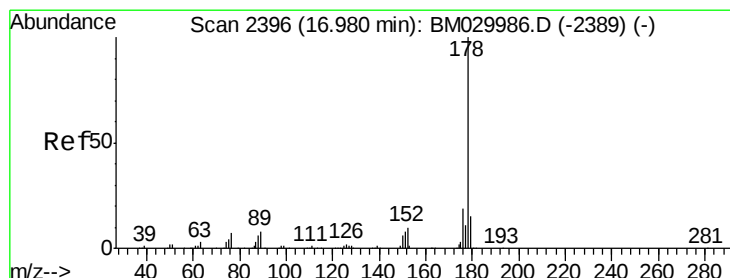
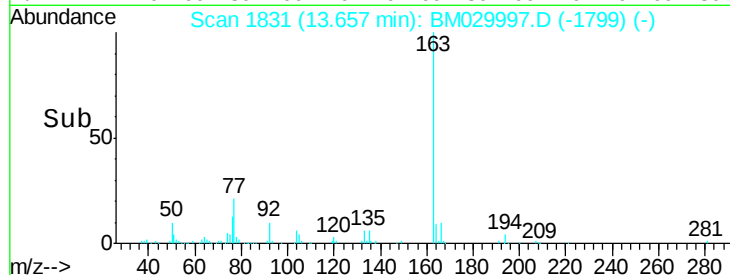
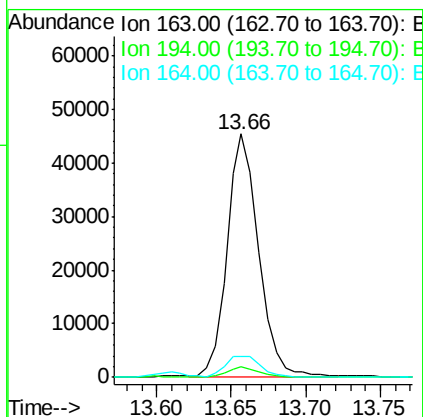
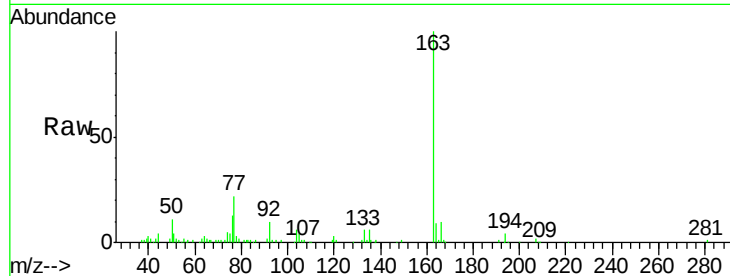
#47
Dimethylphthalate
Concen: 2.100 ng/ul
RT: 13.66 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BM029997.D
Acq: 13 May 2021 00:37

Instrument :
BNA_M
ClientSampleId :
BG5A6

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	67691		
194	4.2		3.4	5.0
164	8.8		7.8	11.8

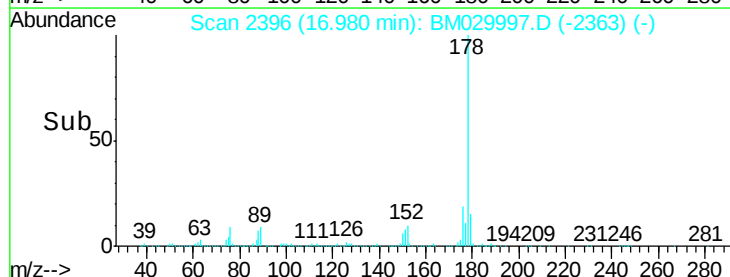
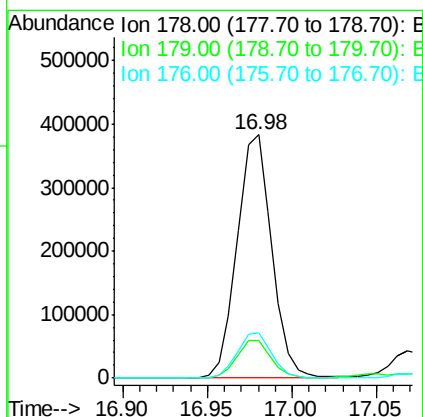
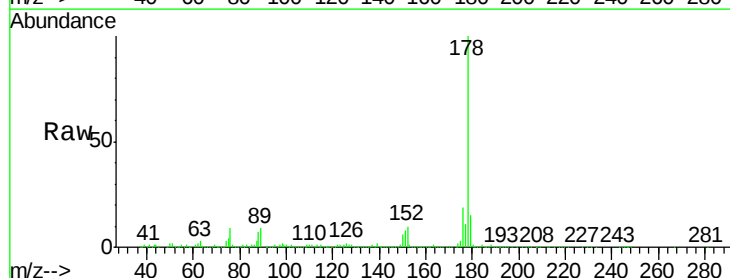
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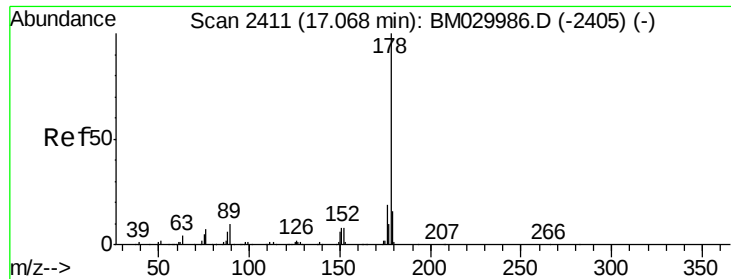
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#72
Phenanthrene
Concen: 12.572 ng/ul
RT: 16.98 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM029997.D
Acq: 13 May 2021 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	547403		
179	15.5		12.2	18.4
176	18.7		15.0	22.4





#74

Anthracene

Concen: 1.502 ng/ul

RT: 17.07 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM029997.D

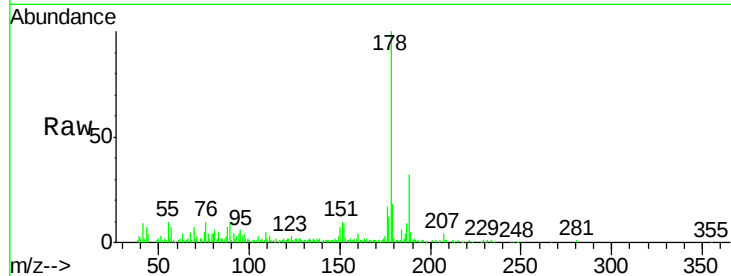
Acq: 13 May 2021 00:37

Instrument :

BNA_M

ClientSampled :

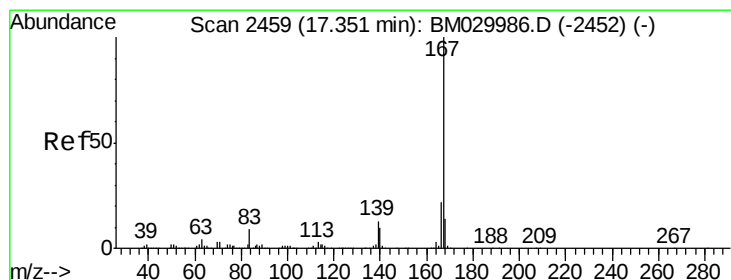
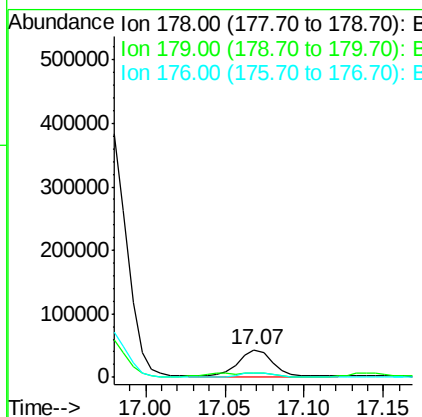
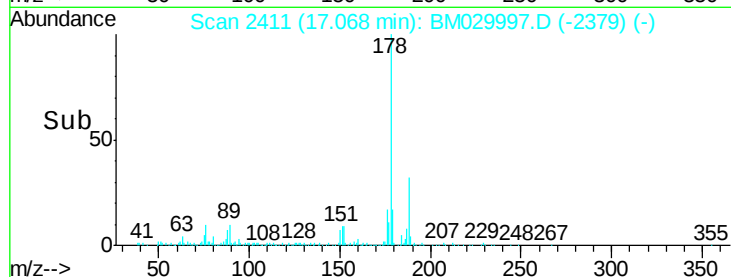
BG5A6



Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.2	18.2
176	17.2	14.9	22.3

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#77

Carbazole

Concen: 1.252 ng/ul

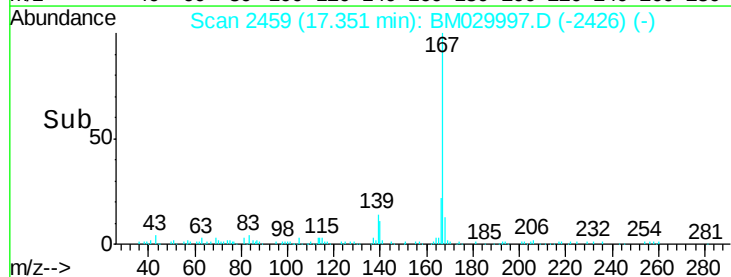
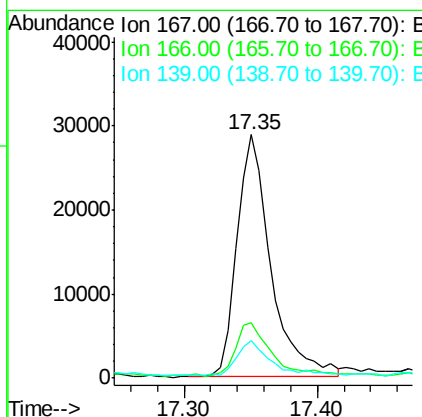
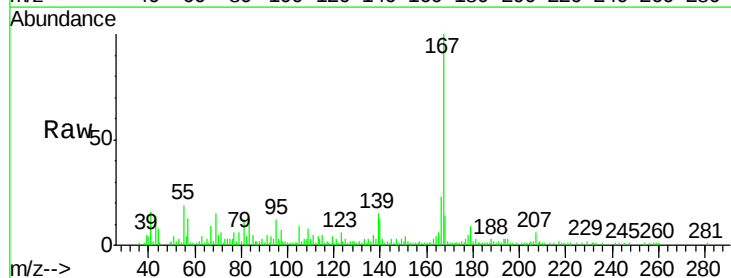
RT: 17.35 min Scan# 2459

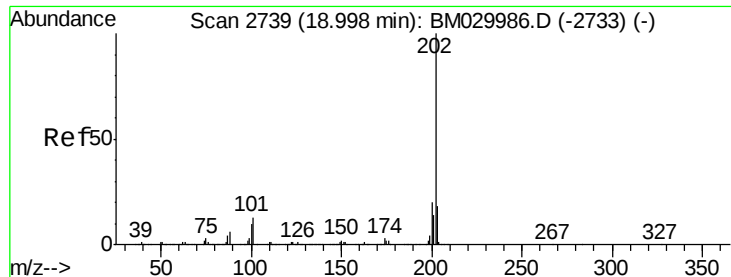
Delta R.T. -0.01 min

Lab File: BM029997.D

Acq: 13 May 2021 00:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	15.2	10.2	15.2#





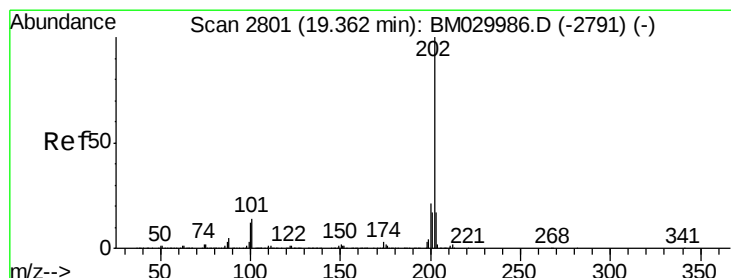
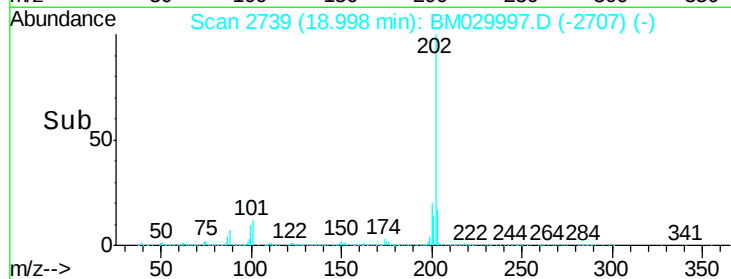
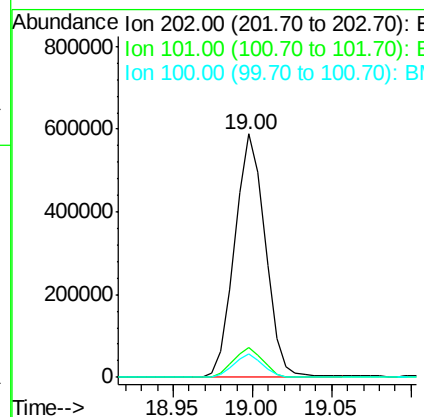
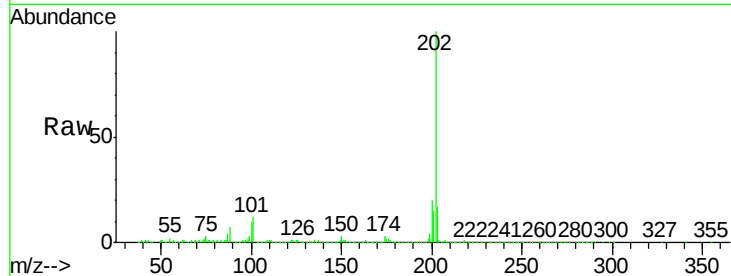
#80
Fluoranthene
Concen: 22.269 ng/ul
RT: 19.00 min Scan# 2739
Delta R.T. -0.01 min
Lab File: BM029997.D
Acq: 13 May 2021 00:37

Instrument :
BNA_M
ClientSampleId :
BG5A6

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	787113		
101	12.1	9.0	13.4	
100	9.8	7.0	10.6	

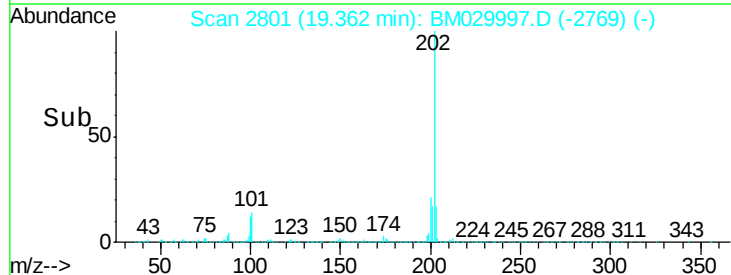
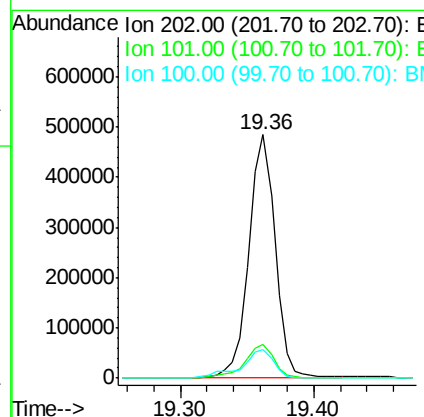
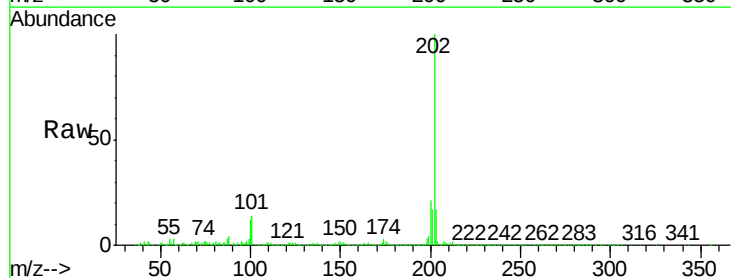
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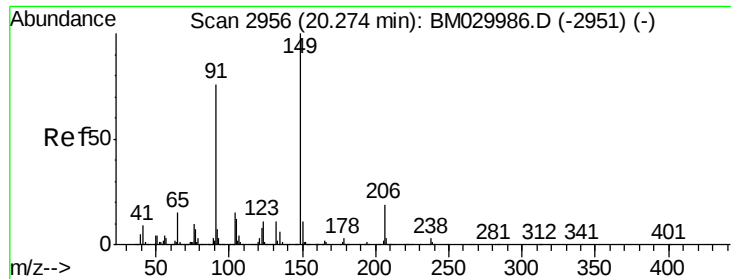
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#82
Pyrene
Concen: 17.561 ng/ul
RT: 19.36 min Scan# 2801
Delta R.T. -0.01 min
Lab File: BM029997.D
Acq: 13 May 2021 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	653232		
101	13.8	11.8	17.6	
100	11.6	9.2	13.8	





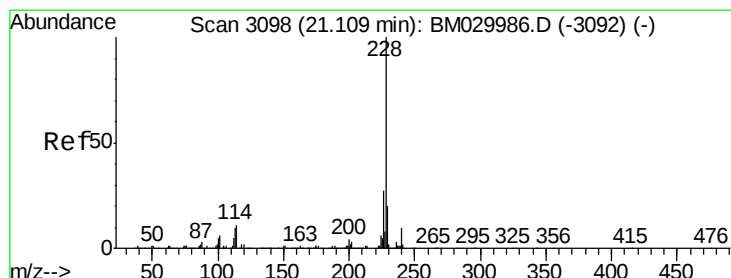
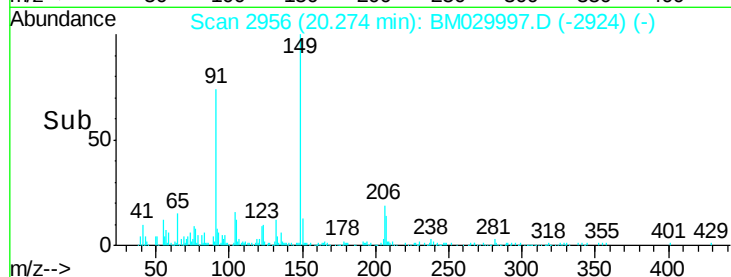
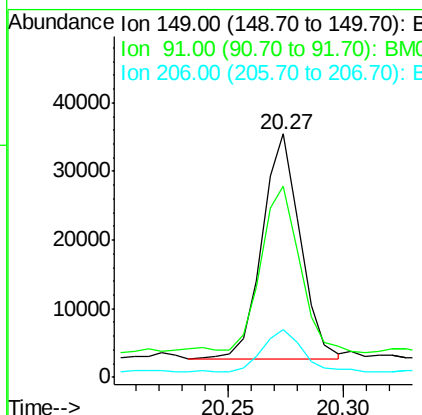
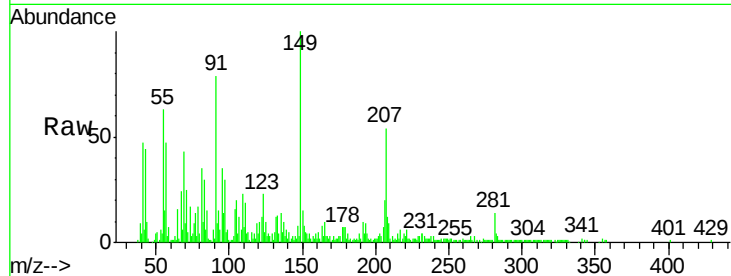
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Butylbenzylphthalate
Concen: 2.818 ng/ul
RT: 20.27 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BM029997.D
Acq: 13 May 2021 00:37

Instrument :
BNA_M
ClientSampleId :
BG5A6

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	37246		
91	78.7	60.6	91.0	
206	19.6	15.4	23.0	

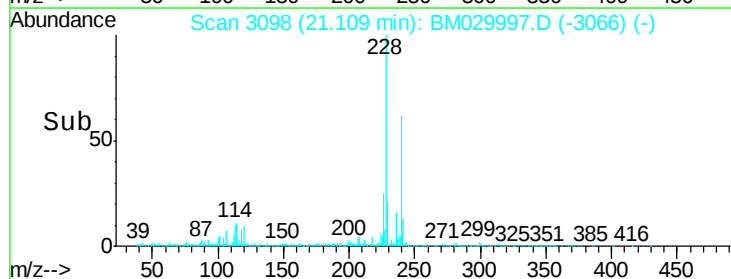
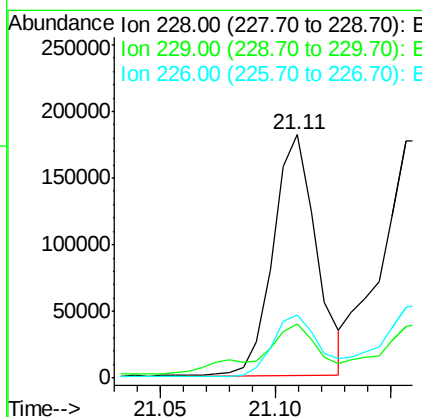
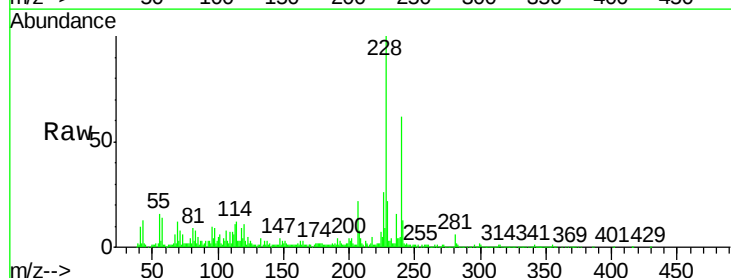
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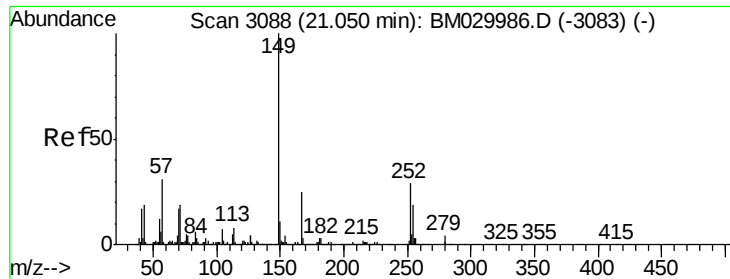
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#85
Benzo(a)anthracene
Concen: 6.346 ng/ul
RT: 21.11 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM029997.D
Acq: 13 May 2021 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	234394		
229	22.5	15.9	23.9	
226	26.1	21.4	32.0	





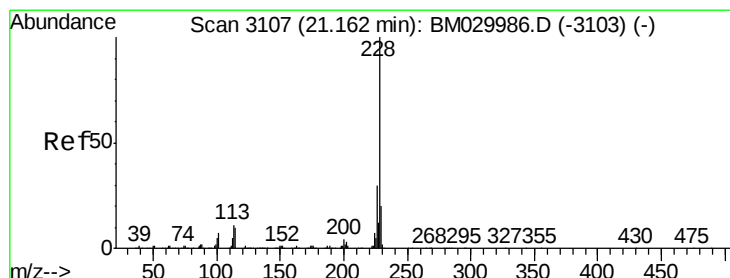
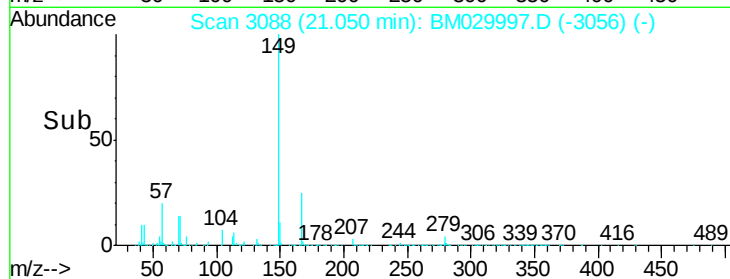
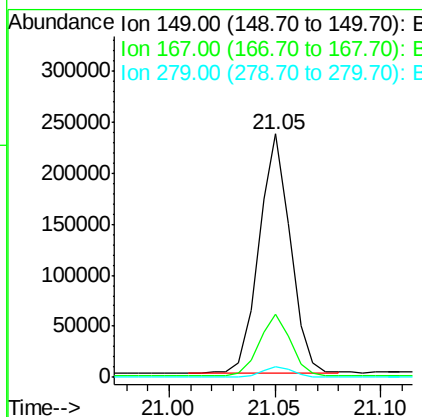
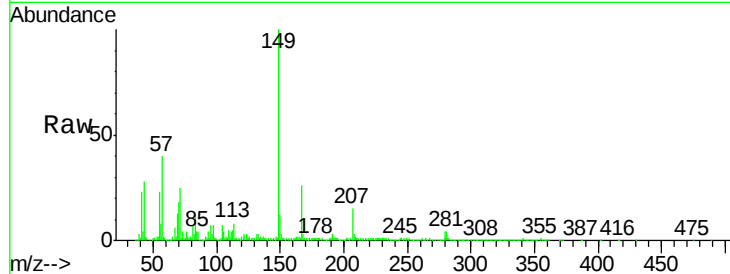
#86
 Bis(2-ethylhexyl)phthalate
 Concen: 10.615 ng/ul
 RT: 21.05 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM029997.D
 Acq: 13 May 2021 00:37

Instrument :
 BNA_M
 ClientSampleId :
 BG5A6

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	241949		
167	25.7	21.1	31.7	
279	4.3	3.5	5.3	

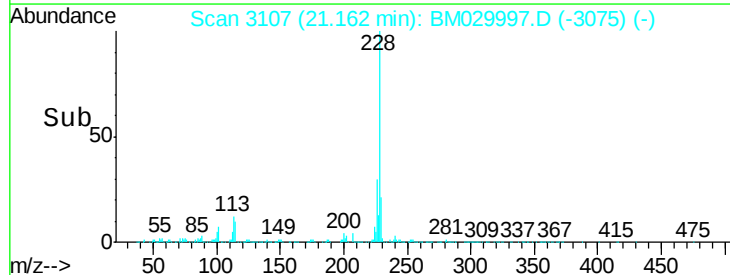
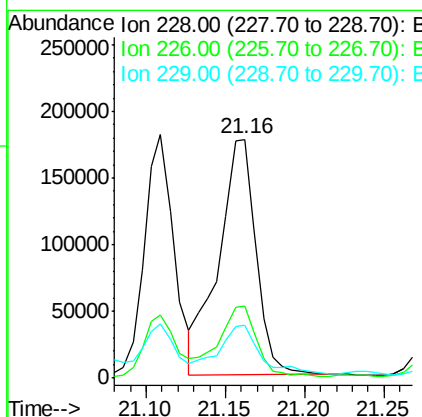
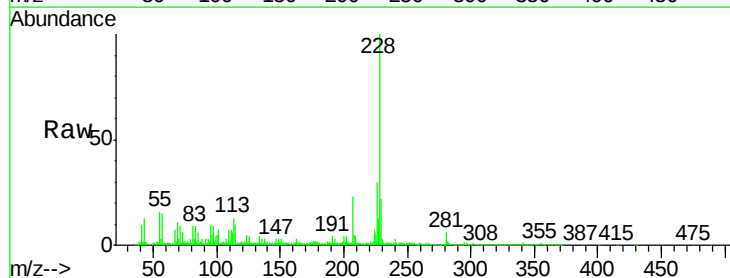
Manual Integrations
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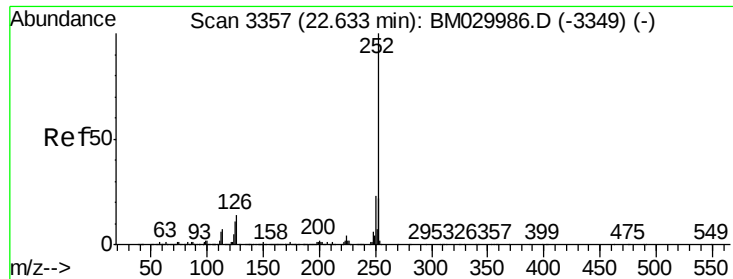
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#87
 Chrysene
 Concen: 7.930 ng/ul
 RT: 21.16 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BM029997.D
 Acq: 13 May 2021 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	291744		
226	30.3	23.9	35.9	
229	22.3	15.6	23.4	





#90

Benzo(b)fluoranthene

Concen: 9.350 ng/ul

RT: 22.63 min Scan# 3357

Delta R.T. -0.01 min

Lab File: BM029997.D

Acq: 13 May 2021 00:37

Instrument :

BNA_M

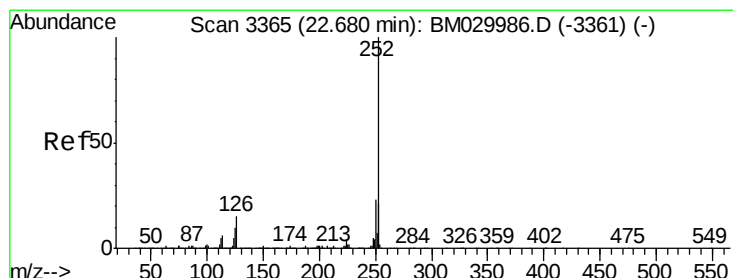
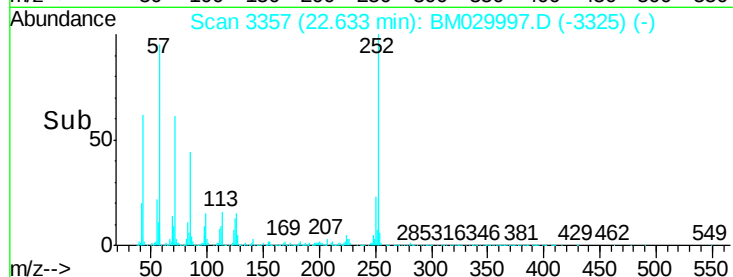
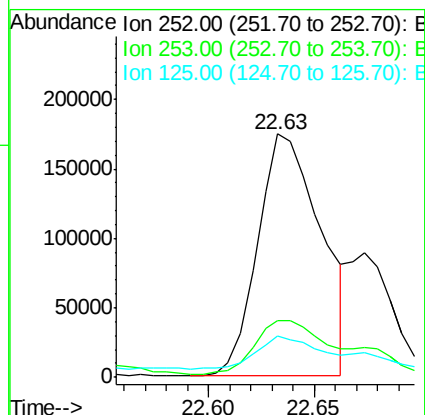
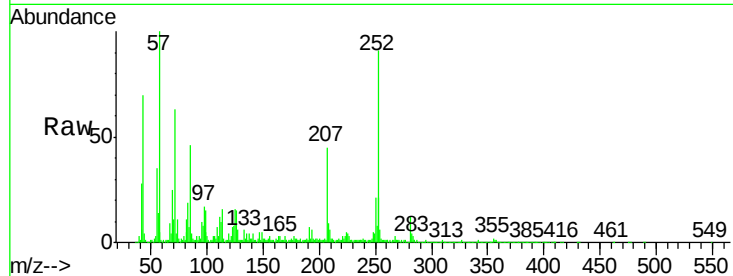
ClientSampled :

BG5A6

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	362259		
253	23.3	17.4	26.2	
125	17.1	8.6	12.8	

Manual Integrations
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#91

Benzo(k)fluoranthene

Concen: 3.146 ng/ul m

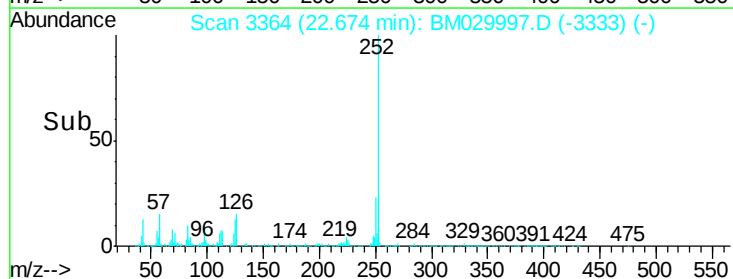
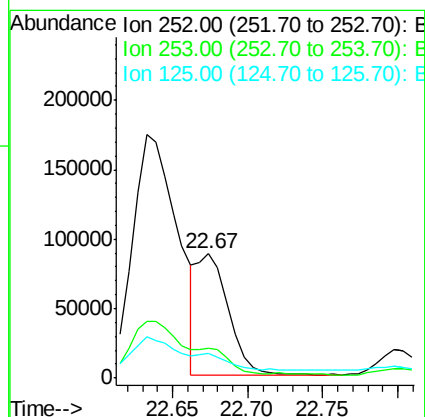
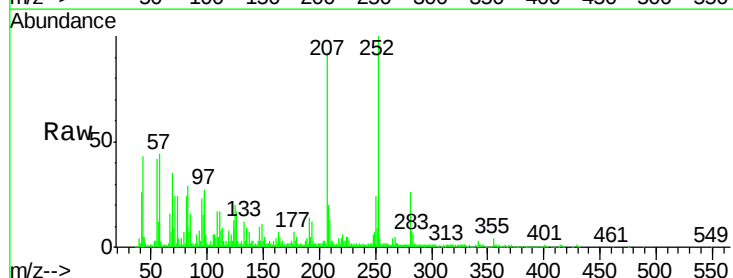
RT: 22.67 min Scan# 3364

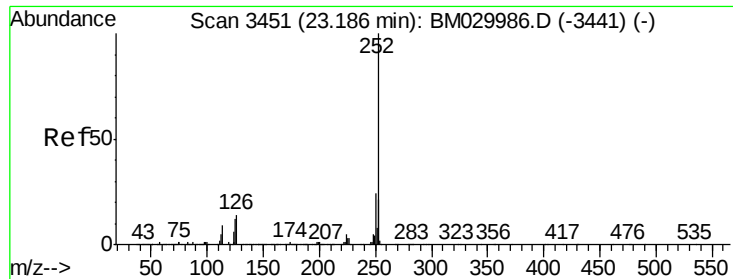
Delta R.T. -0.02 min

Lab File: BM029997.D

Acq: 13 May 2021 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	128150		
253	24.0	17.8	26.8	
125	19.5	8.4	12.6	





#93

Benzo(a)pyrene

Concen: 6.317 ng/ul

RT: 23.18 min Scan# 3450

Delta R.T. -0.02 min

Lab File: BM029997.D

Acq: 13 May 2021 00:37

Instrument :

BNA_M

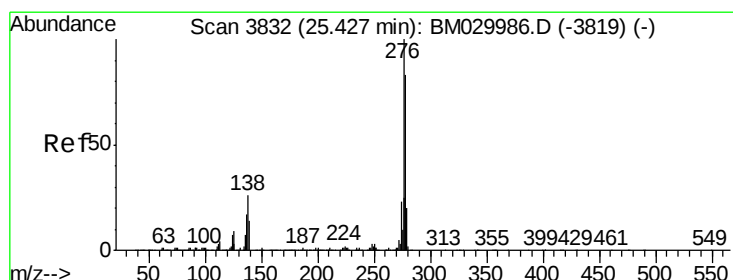
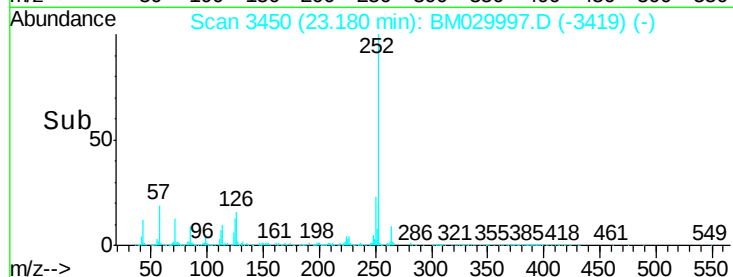
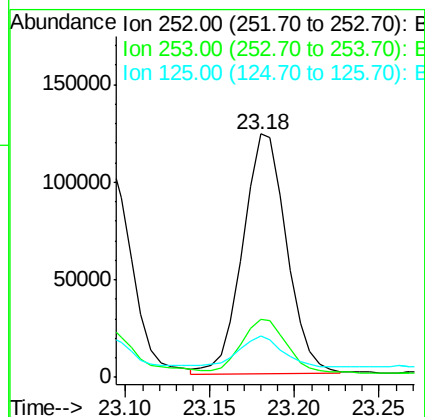
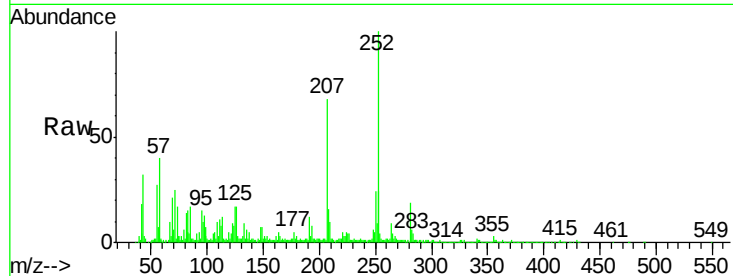
ClientSampleId :

BG5A6

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.8	17.9	26.9
125	17.2	9.6	14.4

Manual Integrations
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#94

Indeno(1,2,3-cd)pyrene

Concen: 3.829 ng/ul

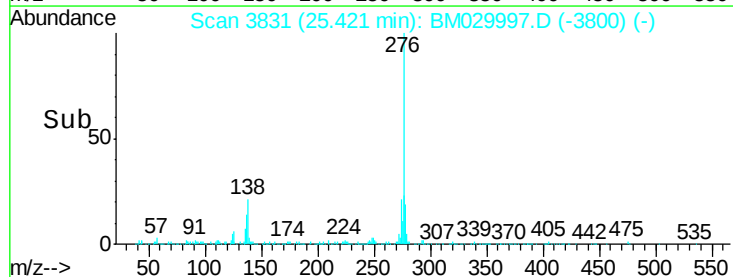
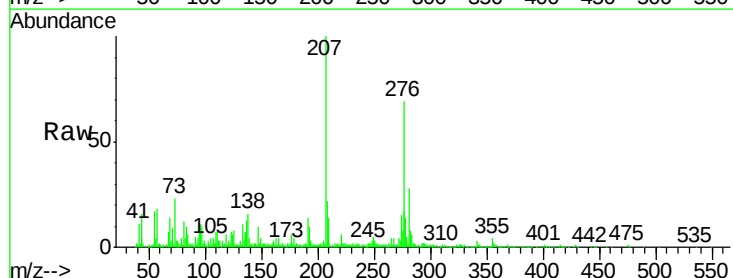
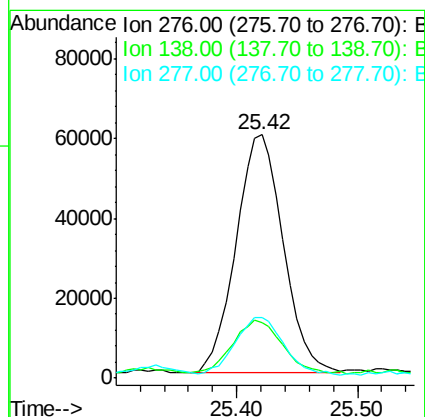
RT: 25.42 min Scan# 3831

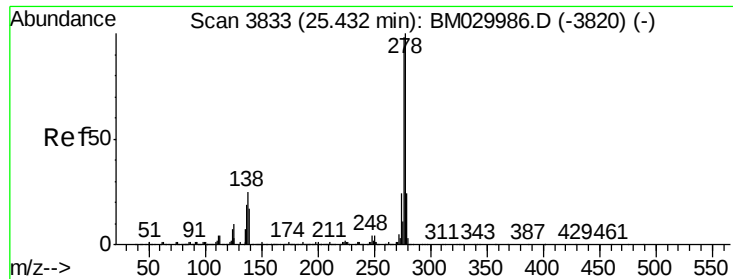
Delta R.T. -0.02 min

Lab File: BM029997.D

Acq: 13 May 2021 00:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	22.7	21.1	31.7
277	24.8	20.3	30.5





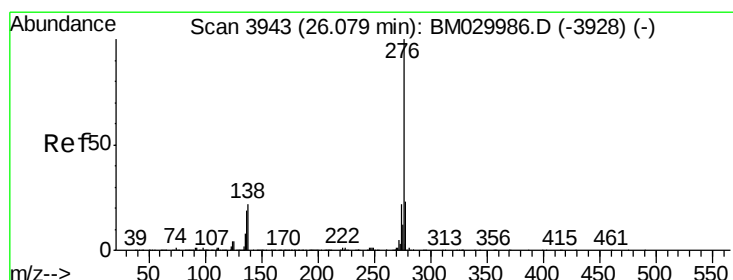
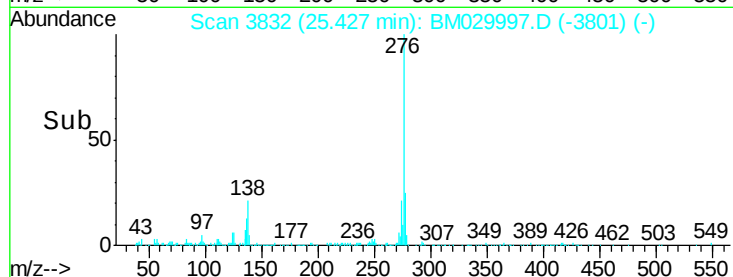
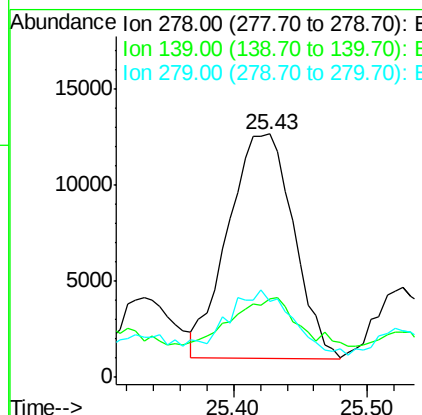
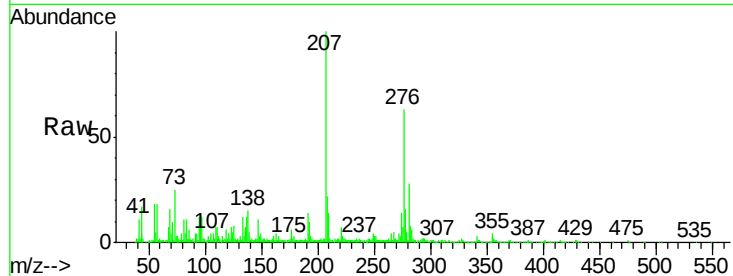
#95
Dibenzo(a,h)anthracene
Concen: 1.102 ng/ul
RT: 25.43 min Scan# 3832
Delta R.T. -0.02 min
Lab File: BM029997.D
Acq: 13 May 2021 00:37

Instrument :
BNA_M
ClientSampleId :
BG5A6

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.2	13.5	20.3#
279	31.4	18.6	28.0#

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 3.925 ng/ul
RT: 26.07 min Scan# 3942
Delta R.T. -0.02 min
Lab File: BM029997.D
Acq: 13 May 2021 00:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	17.8	26.8
277	23.8	18.5	27.7

