

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
 Data File : BM029833.D
 Acq On : 05 May 2021 18:57
 Operator : CG/JU
 Sample : M2192-02
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG596

Manual Integrations
 APPROVED

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Quant Time: May 06 07:53:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 04 14:23:48 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	87935	20.00	ng/ul	0.00
20) Naphthalene-d8	10.34	136	360914	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.21	164	222548	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.96	188	458940	20.00	ng/ul	0.00
79) Chrysene-d12	21.14	240	534216	20.00	ng/ul	0.00
88) Perylene-d12	23.30	264	622072	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	3307m	1.39	ng/uL	0.00
4) Pyridine-d5	3.54	84	24645m	4.53	ng/ul	0.04
7) Phenol-d5	6.75	99	101390	13.28	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.91	67	75626	16.03	ng/ul	0.00
11) 2-Chlorophenol-d4	7.10	132	90096	14.81	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	75612	12.41	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	32932	12.28	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	32504	11.10	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	64659	11.81	ng/ul	0.00
31) 4-Chloroaniline-d4	10.50	131	92718	11.62	ng/ul	0.00
46) Dimethylphthalate-d6	13.63	166	264459	15.91	ng/ul	0.00
49) Acenaphthylene-d8	13.90	160	362290	16.67	ng/ul	0.00
54) 4-Nitrophenol-d4	14.47	143	8707m	3.41	ng/ul	0.02
60) Fluorene-d10	15.21	176	272099	19.24	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.35	200	8781	2.85	ng/ul	0.00
73) Anthracene-d10	17.06	188	458250	20.19	ng/ul	0.00
81) Pyrene-d10	19.35	212	564959	20.61	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.17	264	697705	19.97	ng/ul	0.00

Target Compounds

					Ovalue	
30) Naphthalene	10.39	128	26418	1.331	ng/ul	99
36) 2-Methylnaphthalene	12.02	142	21158	1.563	ng/ul	99
37) 1-Methylnaphthalene	12.23	142	32521	2.409	ng/ul#	99
47) Dimethylphthalate	13.68	163	19878	1.199	ng/ul#	91
50) Acenaphthylene	13.93	152	41162	1.943	ng/ul#	97
52) Acenaphthene	14.27	153	51035	3.410	ng/ul	97
61) Fluorene	15.27	166	43759	2.593	ng/ul#	99
67) N-Nitrosodiphenylamine	15.49	169	25792	1.718	ng/ul	99
72) Phenanthrene	17.00	178	422041	15.500	ng/ul	99
74) Anthracene	17.09	178	143996	5.193	ng/ul	97
80) Fluoranthene	19.02	202	430389	12.937	ng/ul	97
82) Pyrene	19.38	202	586430	16.558	ng/ul	96
85) Benzo(a)anthracene	21.13	228	270677	7.802	ng/ul	93
87) Chrysene	21.18	228	278186	7.925	ng/ul	97
90) Benzo(b)fluoranthene	22.66	252	273316	6.718	ng/ul#	90
91) Benzo(k)fluoranthene	22.70	252	86657m	2.170	ng/ul	
93) Benzo(a)pyrene	23.21	252	249791	6.855	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	25.46	276	135766	2.807	ng/ul	96
95) Dibenzo(a,h)anthracene	25.47	278	41200m	1.019	ng/ul	
96) Benzo(a,h,i)perylene	26.13	276	133066	3.297	ng/ul	96

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Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

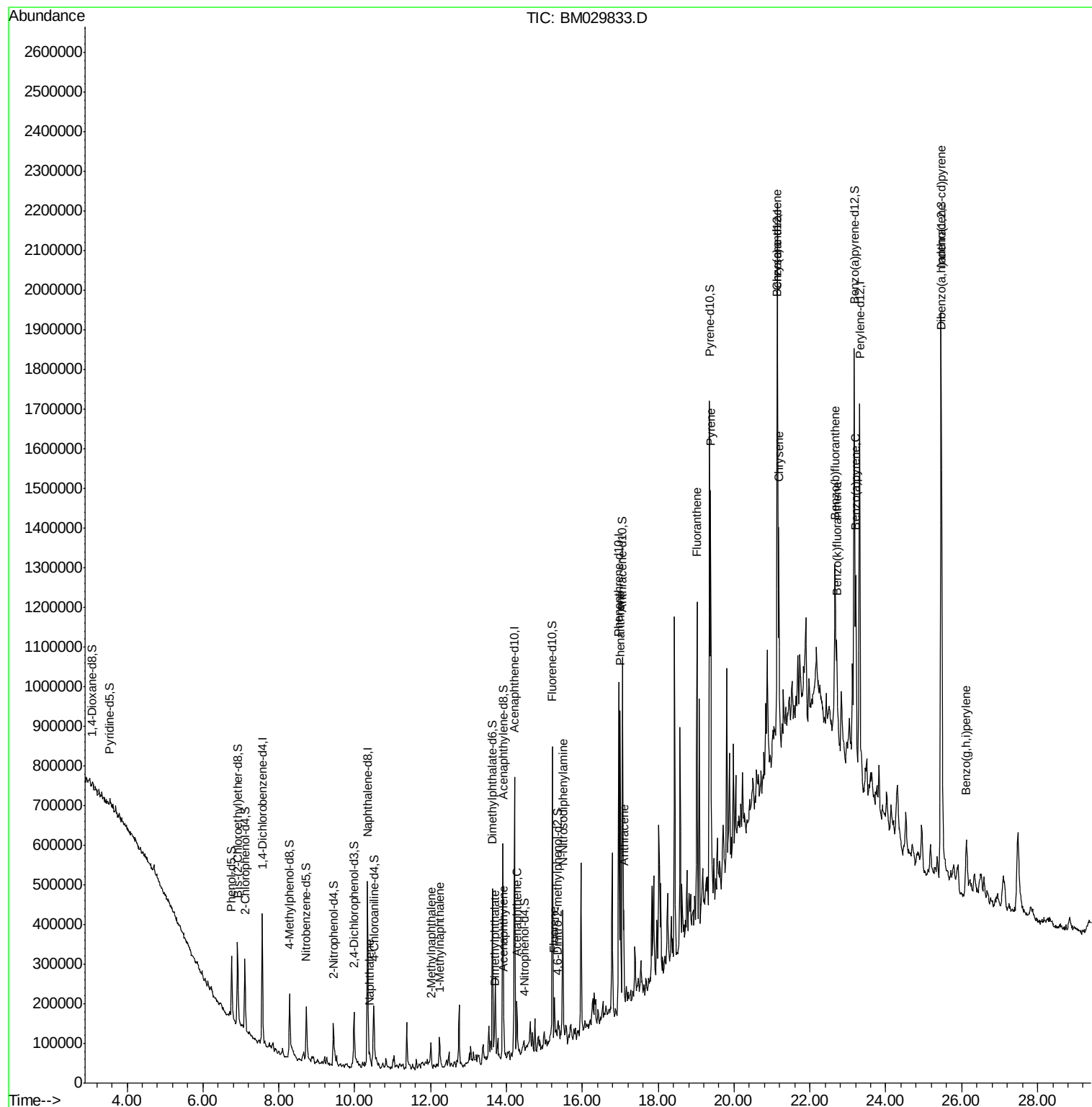
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029833.D
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Operator : CG/JU
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ALS Vial : 52 Sample Multiplier: 1

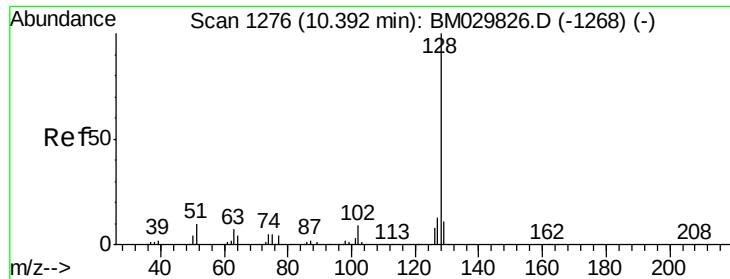
Instrument :
BNA_M
ClientSampled :
BG596

Quant Time: May 06 07:53:13 2021
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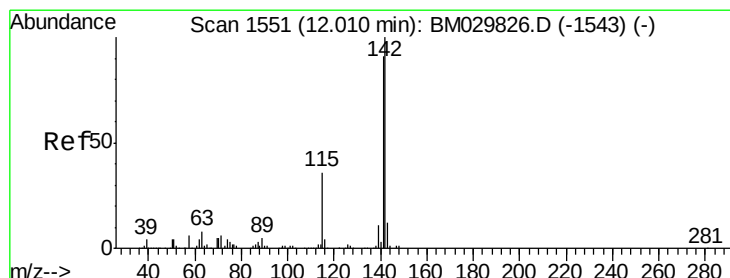
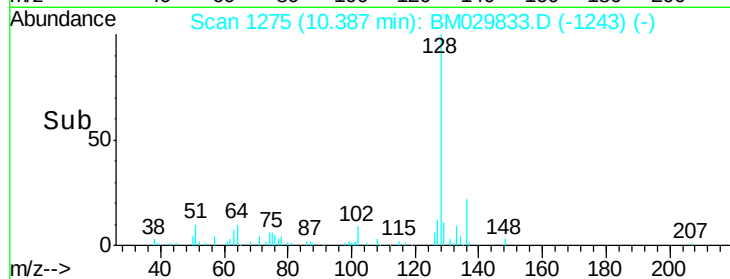
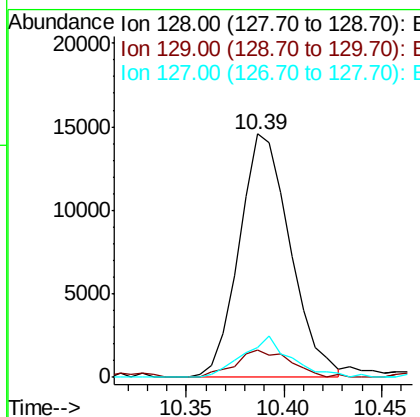
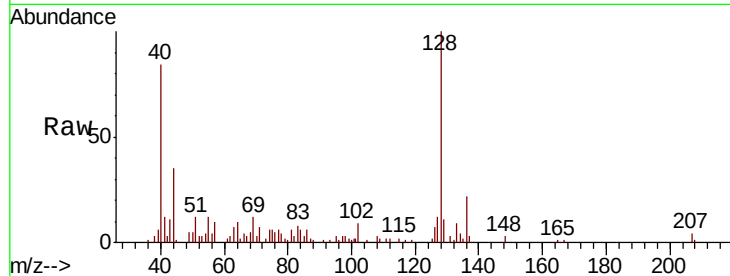
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Naphthalene
Concen: 1.331 ng/ul
RT: 10.39 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BM029833.D
Acq: 05 May 2021 18:57

Instrument :
BNA_M
ClientSampleId :
BG596

Tot Ion:128	Resp:	26418
Ion Ratio	Lower	Upper
128 100		
129 11.1	8.6	12.8
127 12.1	10.0	15.0

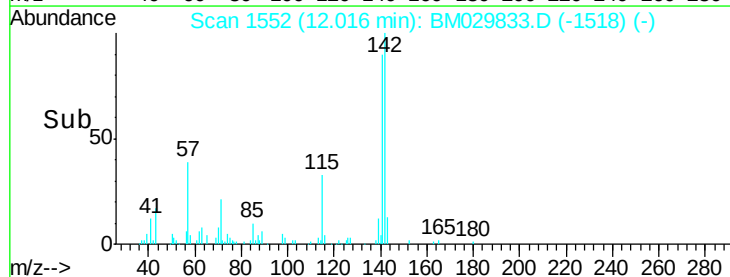
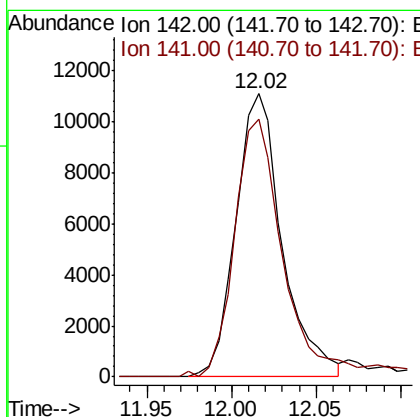
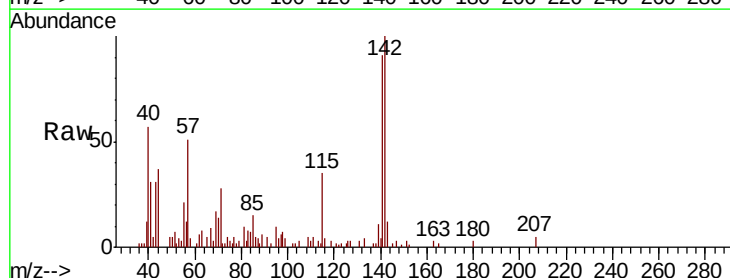
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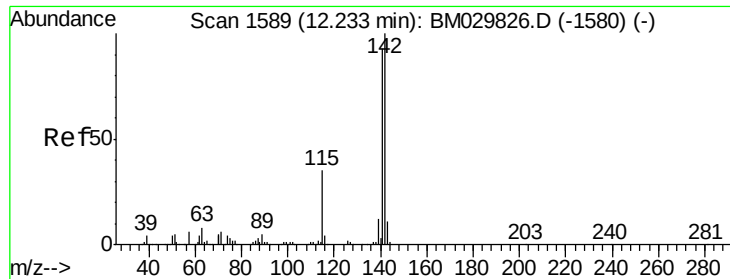
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#36
2-Methylnaphthalene
Concen: 1.563 ng/ul
RT: 12.02 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BM029833.D
Acq: 05 May 2021 18:57

Tgt Ion:142	Resp:	21158
Ion Ratio	Lower	Upper
142 100		
141 91.1	72.1	108.1





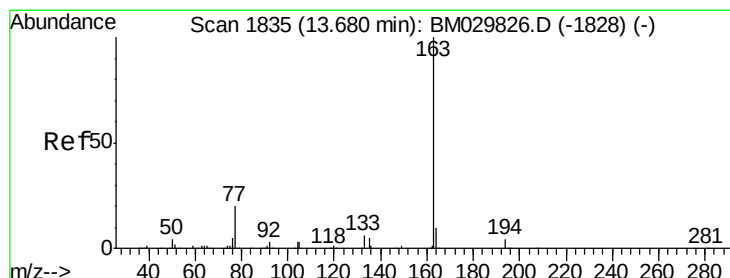
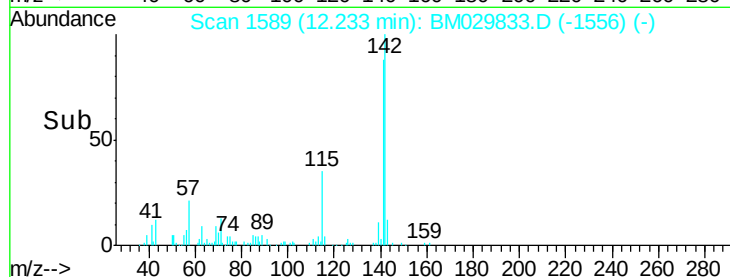
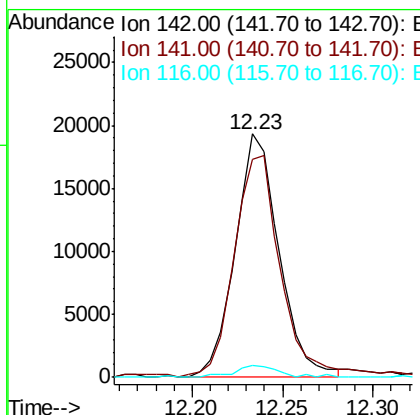
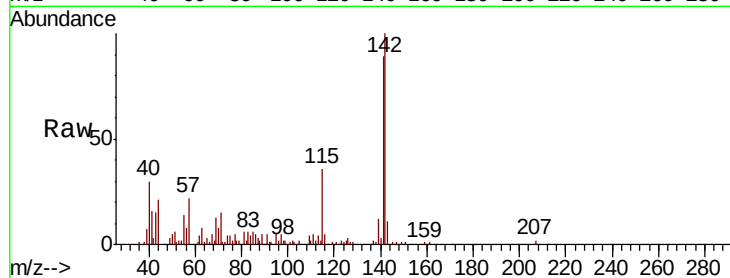
#37
 1-Methylnaphthalene
 Concen: 2.409 ng/ul
 RT: 12.23 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BM029833.D
 Acq: 05 May 2021 18:57

Instrument :
 BNA_M
 ClientSampled :
 BG596

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.5	108.7
116	4.7	2.9	4.3#

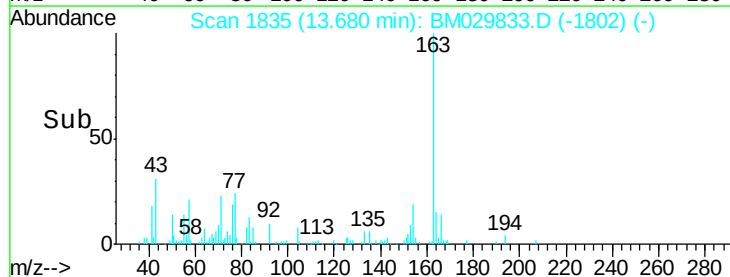
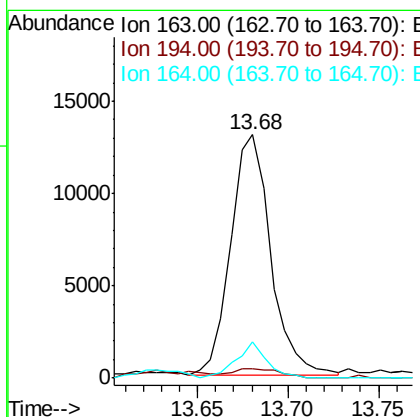
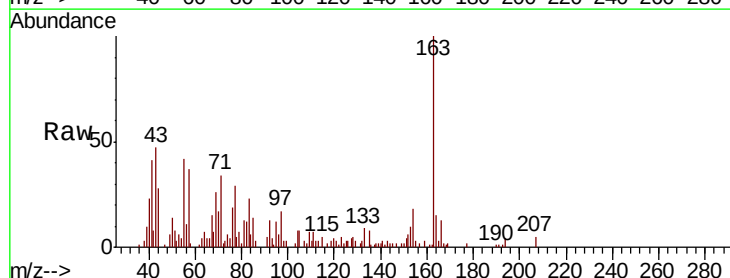
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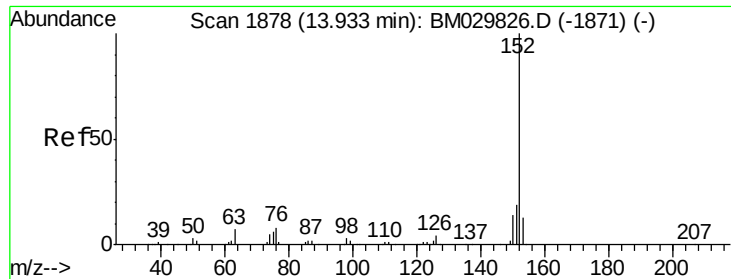
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#47
 Dimethylphthalate
 Concen: 1.199 ng/ul
 RT: 13.68 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BM029833.D
 Acq: 05 May 2021 18:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	14.7	7.9	11.9#





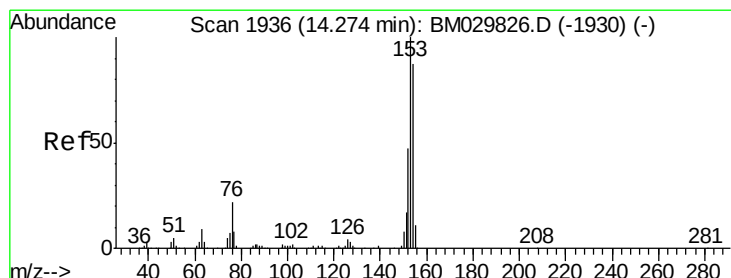
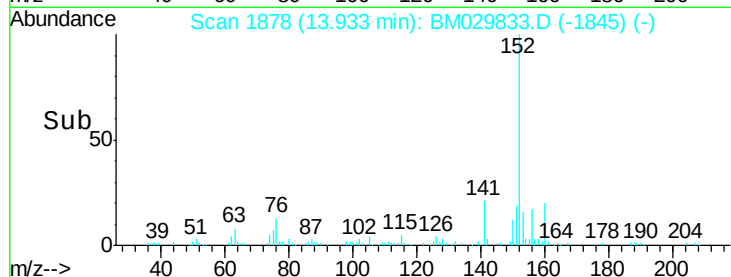
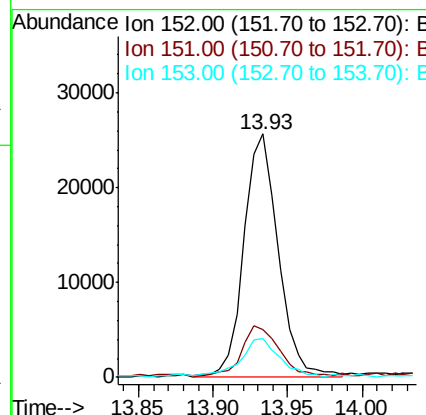
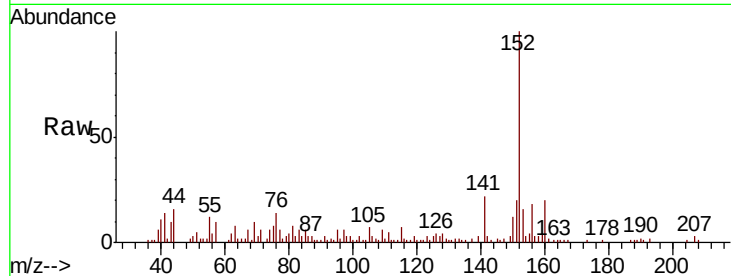
#50
Acenaphthylene
Concen: 1.943 ng/ul
RT: 13.93 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BM029833.D
Acq: 05 May 2021 18:57

Instrument :
BNA_M
ClientSampleId :
BG596

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	15.8	10.3	15.5

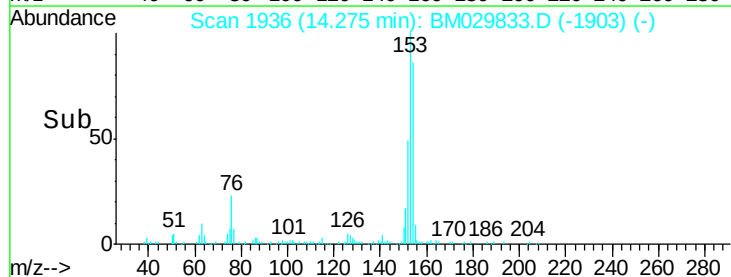
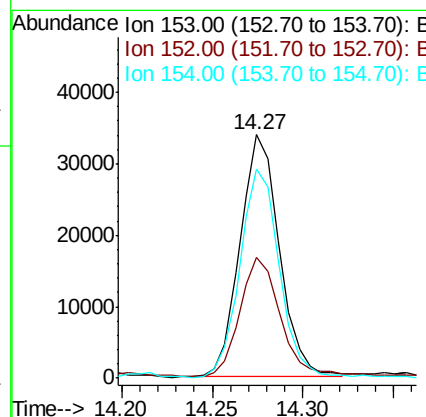
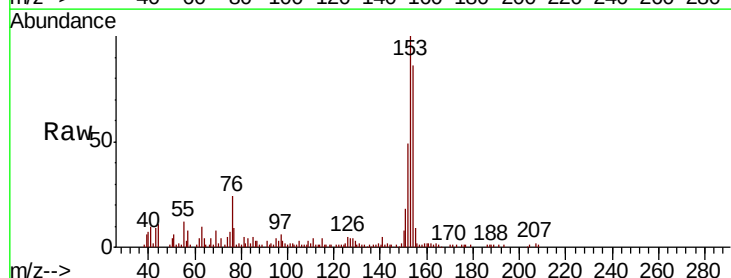
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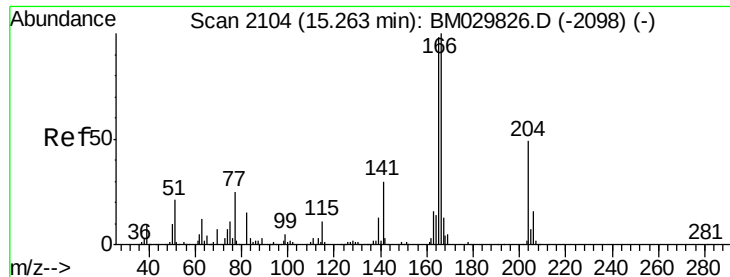
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#52
Acenaphthene
Concen: 3.410 ng/ul
RT: 14.27 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM029833.D
Acq: 05 May 2021 18:57

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.4	37.4	56.0
154	85.9	70.3	105.5





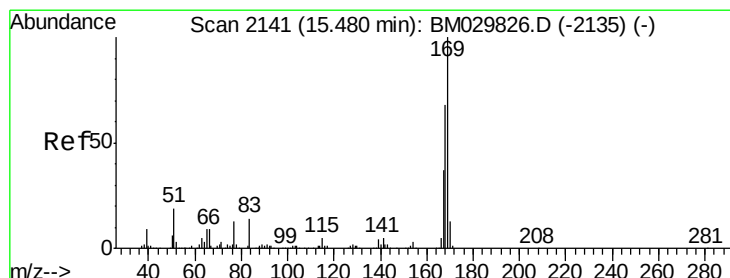
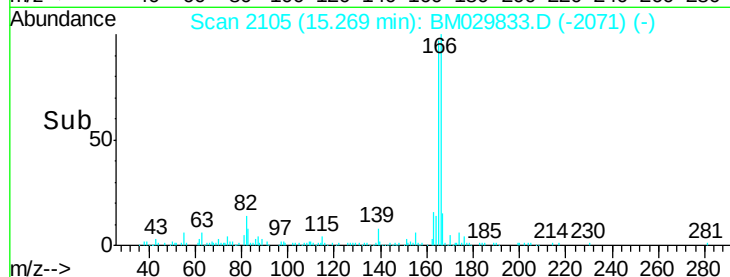
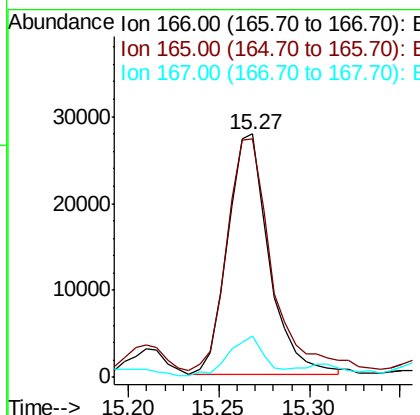
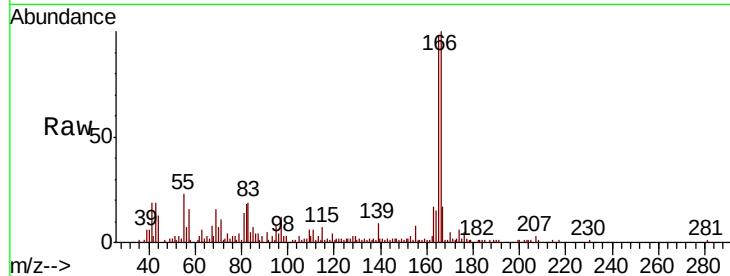
#61
 Fluorene
 Concen: 2.593 ng/ul
 RT: 15.27 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BM029833.D
 Acq: 05 May 2021 18:57

Instrument :
 BNA_M
 ClientSampleId :
 BG596

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.7	118.1
167	17.0	11.2	16.8

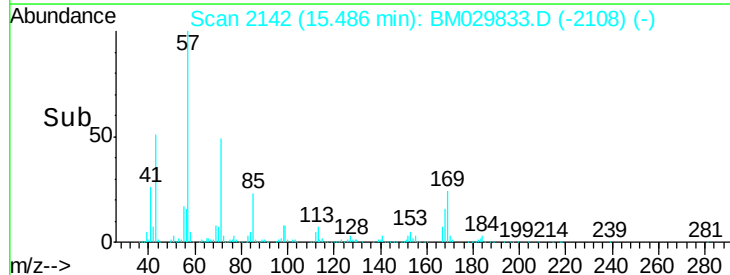
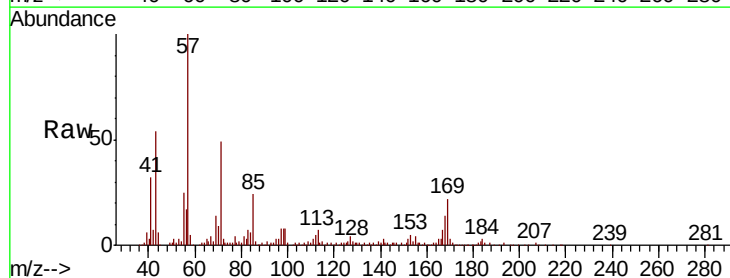
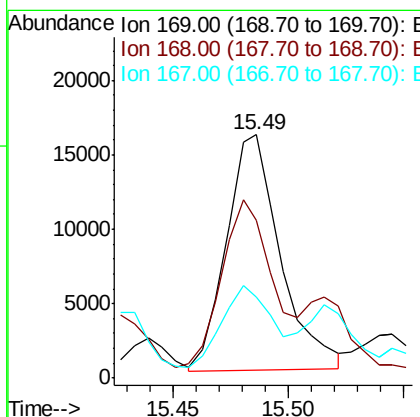
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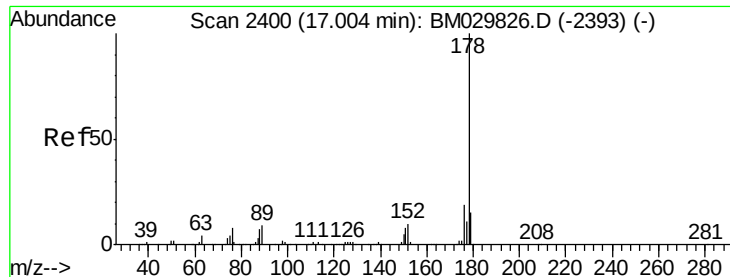
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#67
 N-Nitrosodiphenylamine
 Concen: 1.718 ng/ul
 RT: 15.49 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BM029833.D
 Acq: 05 May 2021 18:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.9	52.3	78.5
167	33.4	28.1	42.1





#72

Phenanthrene

Concen: 15.500 ng/ul

RT: 17.00 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM029833.D

Acq: 05 May 2021 18:57

Instrument :

BNA_M

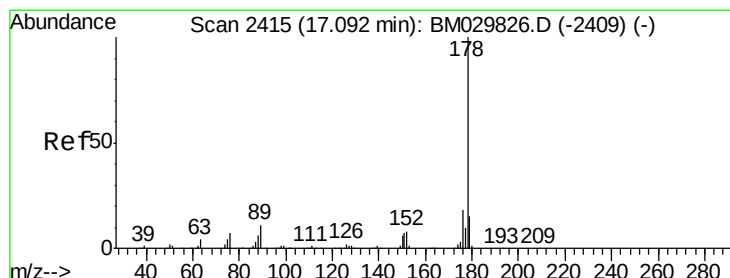
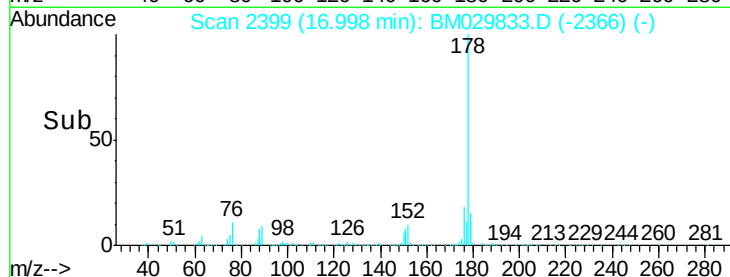
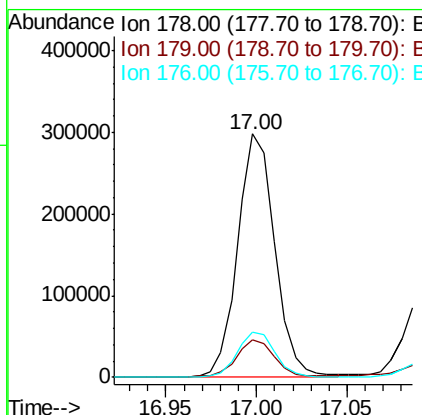
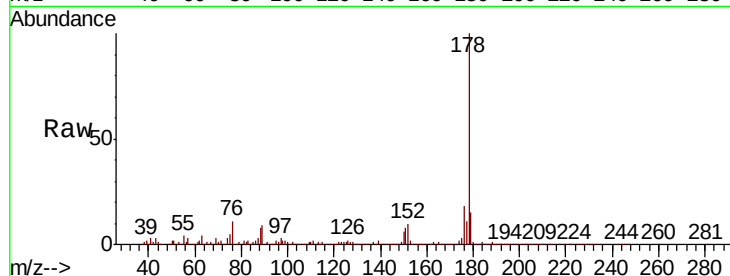
ClientSampleId :

BG596

Tot Ion:	178	Resp:	422041
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.3	18.5
176	18.3	15.0	22.6

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#74

Anthracene

Concen: 5.193 ng/ul

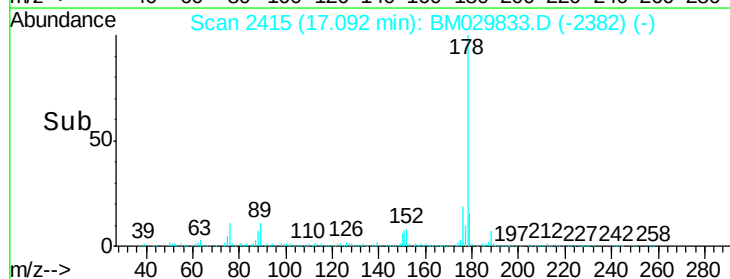
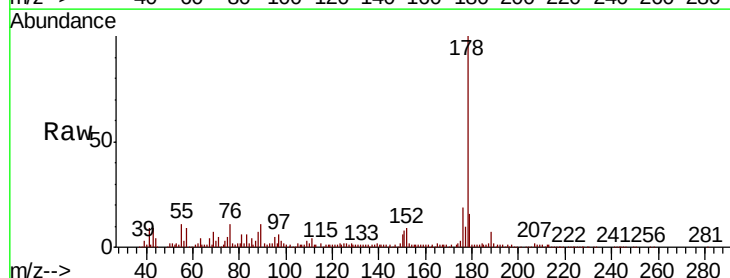
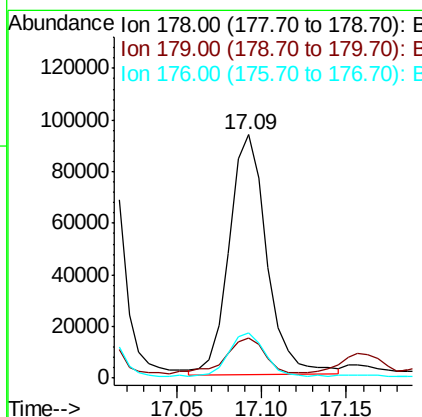
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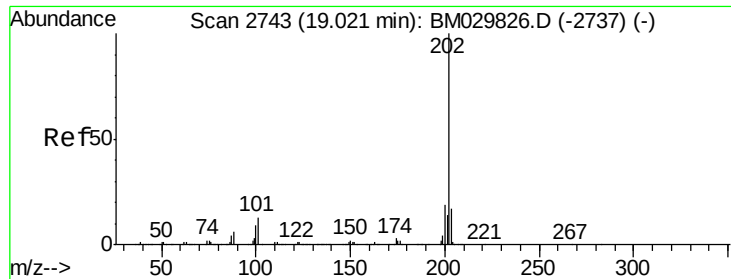
Delta R.T. -0.01 min

Lab File: BM029833.D

Acq: 05 May 2021 18:57

Tgt Ion:	178	Resp:	143996
Ion Ratio	Lower	Upper	
178	100		
179	16.3	11.9	17.9
176	18.8	14.3	21.5





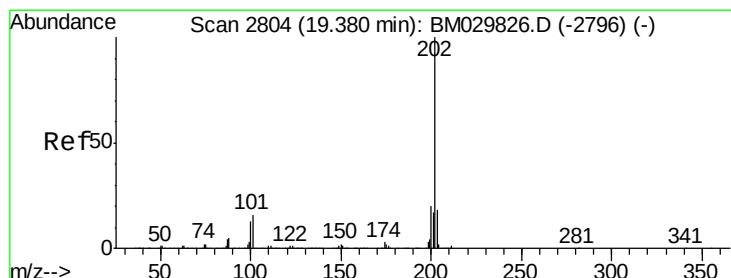
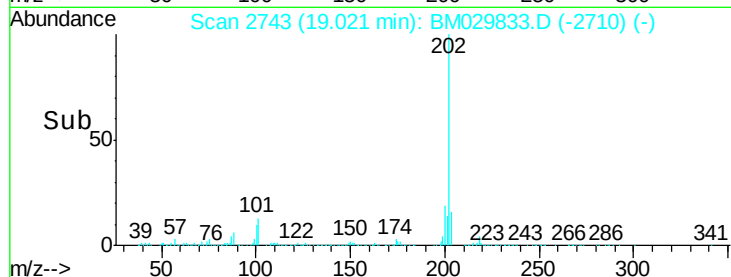
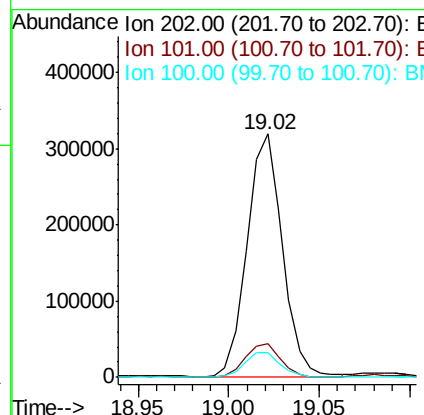
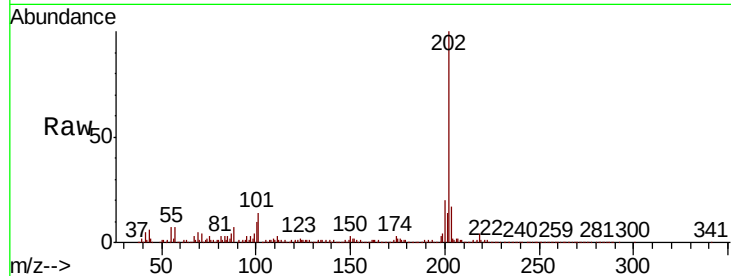
#80
Fluoranthene
Concen: 12.937 ng/ul
RT: 19.02 min Scan# 2743
Delta R.T. -0.01 min
Lab File: BM029833.D
Acq: 05 May 2021 18:57

Instrument :
BNA_M
ClientSampleId :
BG596

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.8	9.8	14.6	
100	10.2	7.7	11.5	

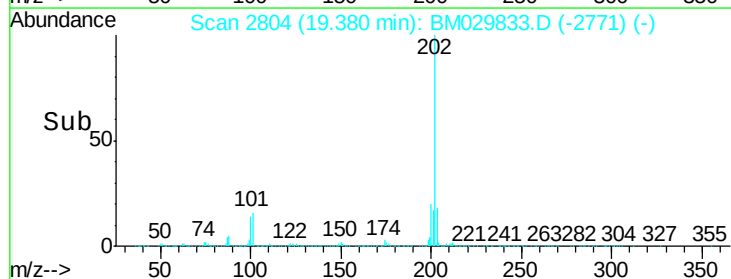
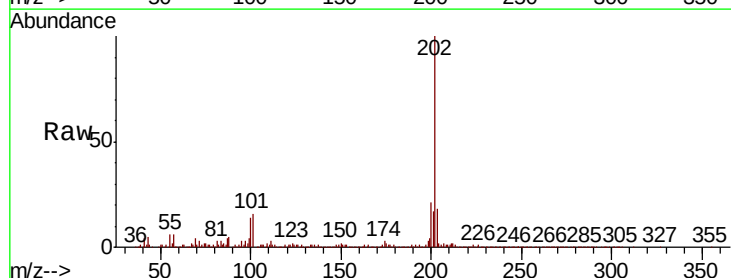
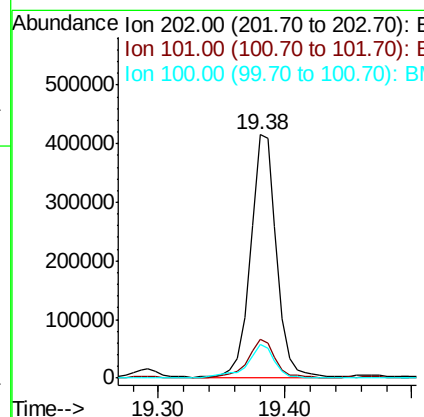
Manual Integrations
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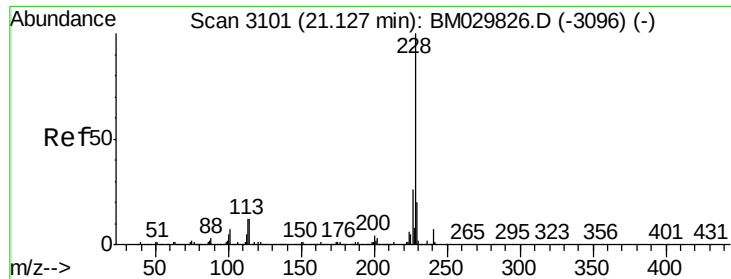
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#82
Pyrene
Concen: 16.558 ng/ul
RT: 19.38 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BM029833.D
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	16.1	11.5	17.3	
100	13.7	10.0	15.0	





#85

Benzo(a)anthracene

Concen: 7.802 ng/ul

RT: 21.13 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM029833.D

Acq: 05 May 2021 18:57

Instrument :

BNA_M

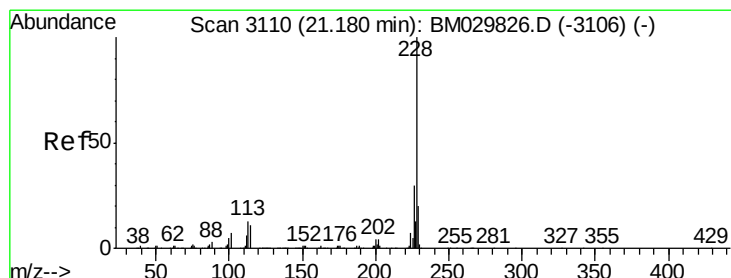
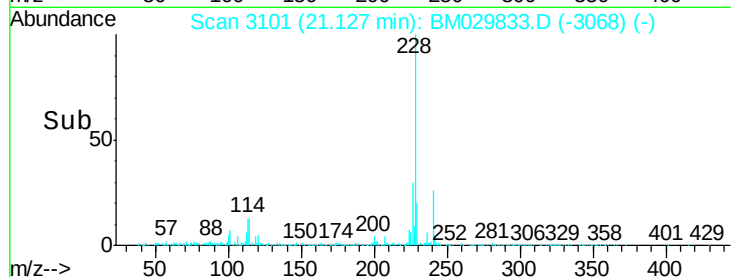
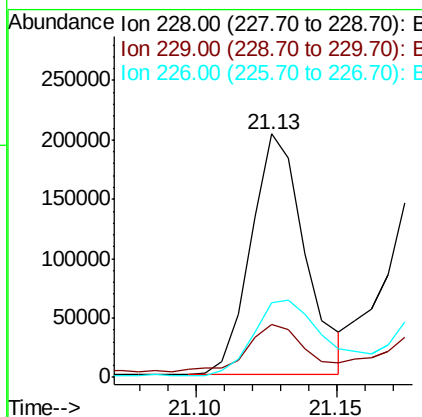
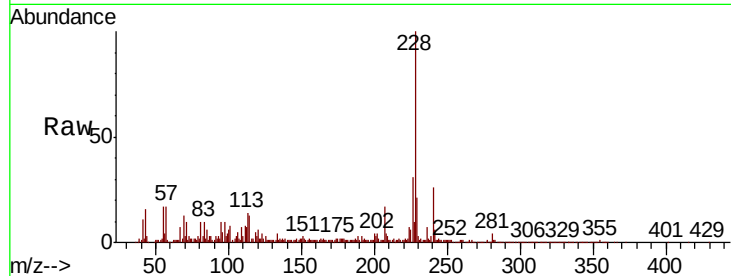
ClientSampled :

BG596

Tot Ion:	228	Resp:	270677
Ion Ratio	Lower	Upper	
228	100		
229	21.5	15.8	23.6
226	30.7	21.0	31.6

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#87

Chrysene

Concen: 7.925 ng/ul

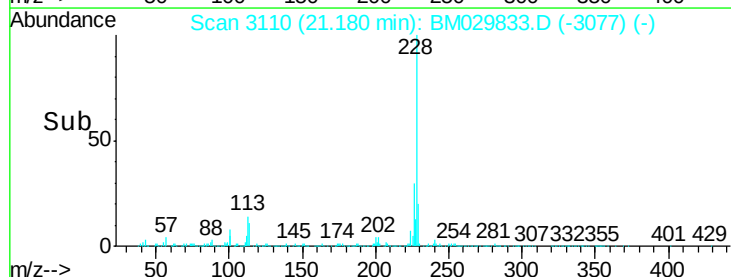
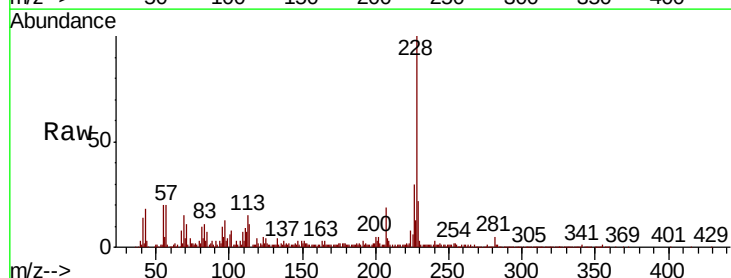
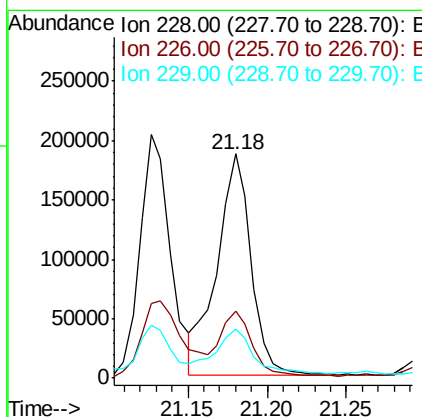
RT: 21.18 min Scan# 3110

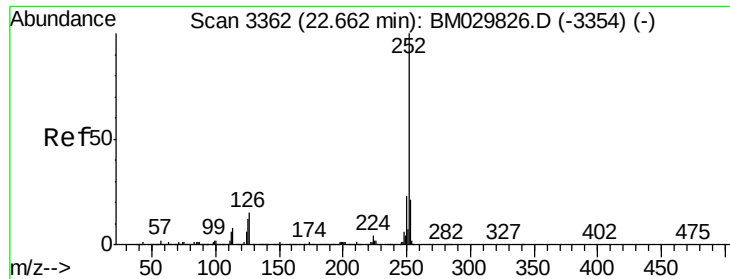
Delta R.T. -0.01 min

Lab File: BM029833.D

Acq: 05 May 2021 18:57

Tgt Ion:	228	Resp:	278186
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.1	34.7
229	21.6	15.8	23.6





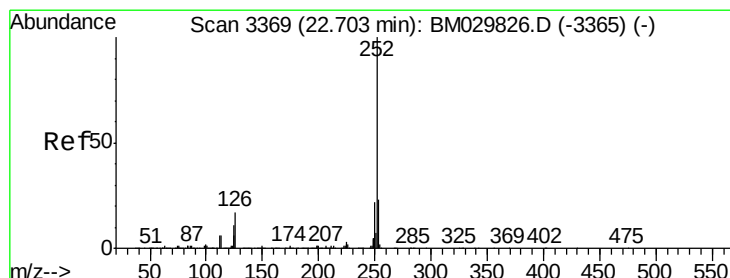
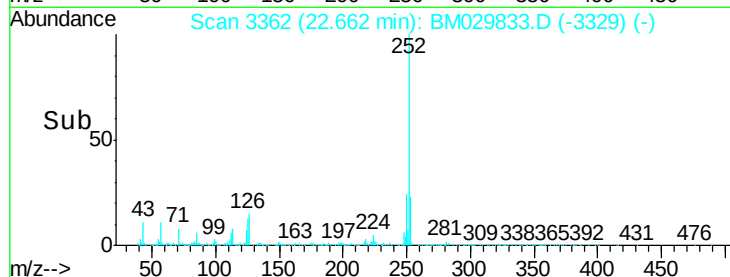
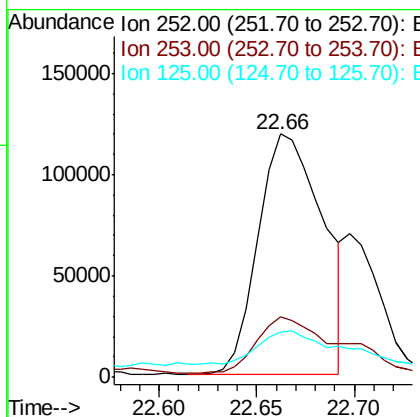
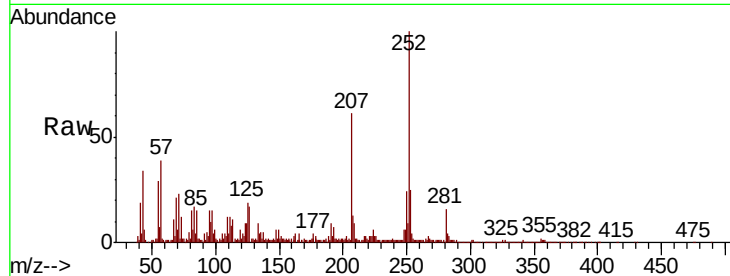
#90
Benzo(b)fluoranthene
Concen: 6.718 ng/ul
RT: 22.66 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BM029833.D
Acq: 05 May 2021 18:57

Instrument :
BNA_M
ClientSampleId :
BG596

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.7	26.5
125	18.6	9.2	13.8

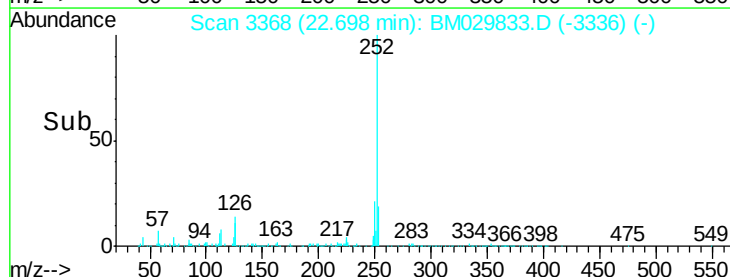
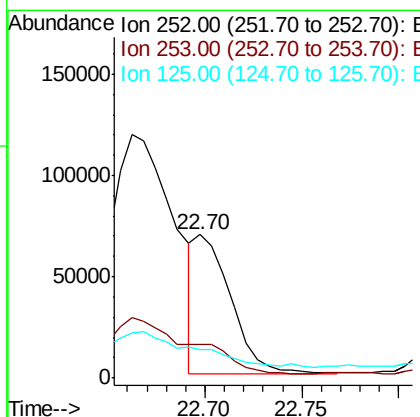
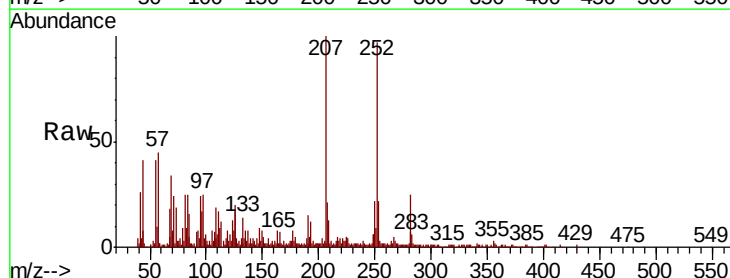
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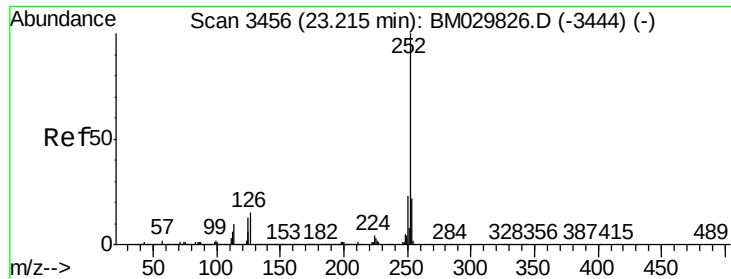
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#91
Benzo(k)fluoranthene
Concen: 2.170 ng/ul m
RT: 22.70 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BM029833.D
Acq: 05 May 2021 18:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	20.2	8.9	13.3





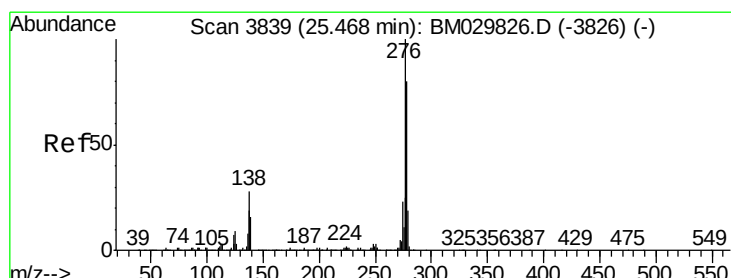
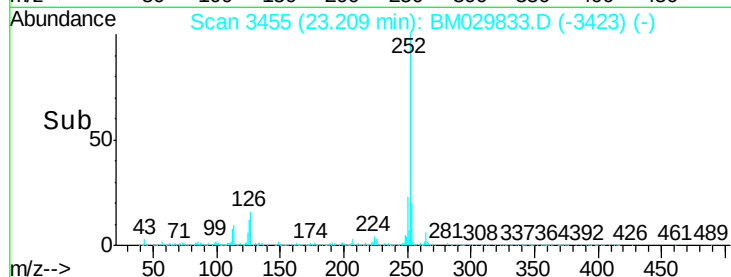
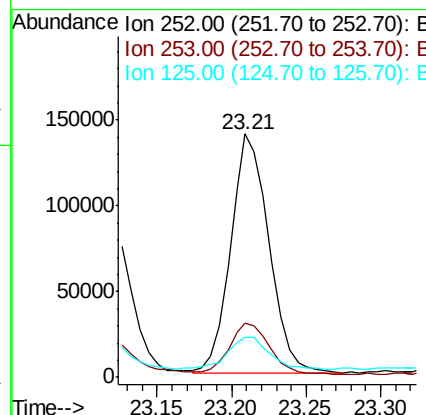
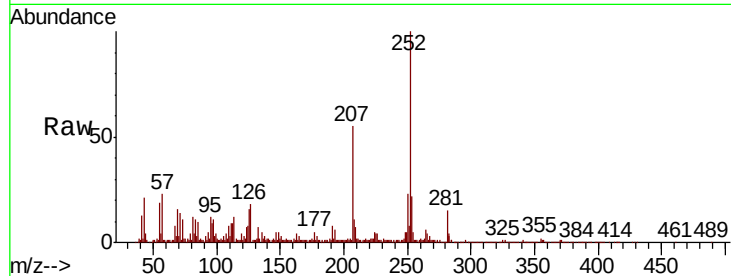
#93
Benzo(a)pyrene
Concen: 6.855 ng/ul
RT: 23.21 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BM029833.D
Acq: 05 May 2021 18:57

Instrument :
BNA_M
ClientSampleId :
BG596

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	17.0	25.6
125	16.2	9.6	14.4

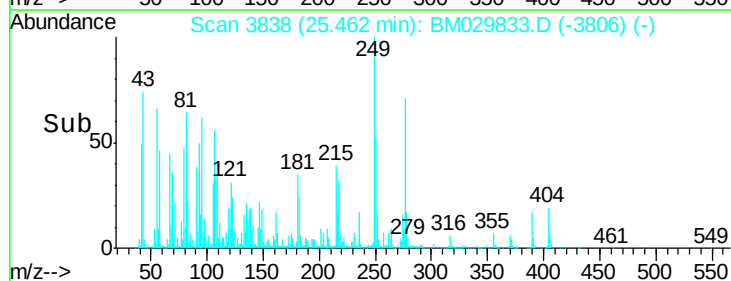
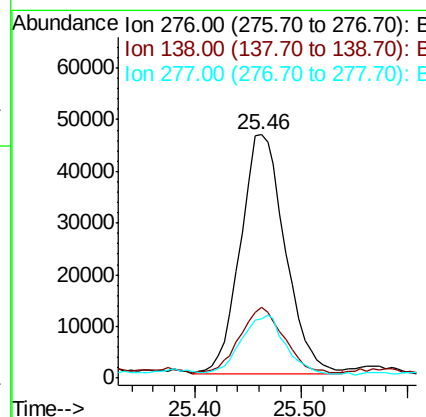
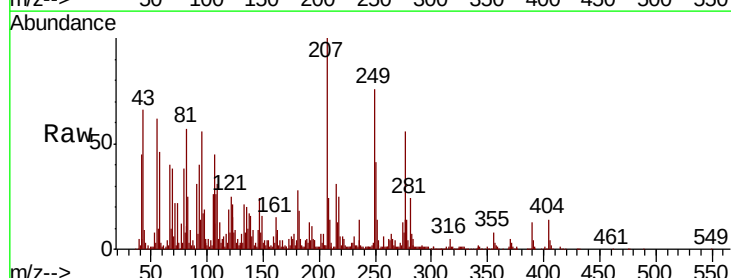
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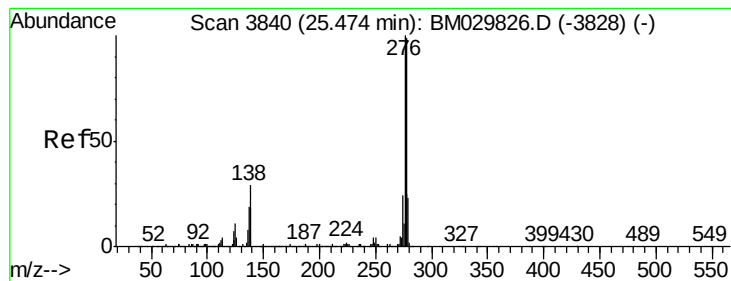
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#94
Indeno(1,2,3-cd)pyrene
Concen: 2.807 ng/ul
RT: 25.46 min Scan# 3838
Delta R.T. -0.01 min
Lab File: BM029833.D
Acq: 05 May 2021 18:57

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	29.1	20.4	30.6
277	24.6	19.9	29.9





#95

Dibenzo(a,h)anthracene

Concen: 1.019 ng/ul m

RT: 25.47 min Scan# 3840

Delta R.T. -0.01 min

Lab File: BM029833.D

Acq: 05 May 2021 18:57

Instrument :

BNA_M

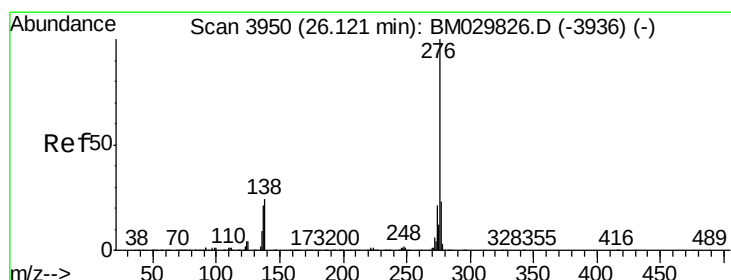
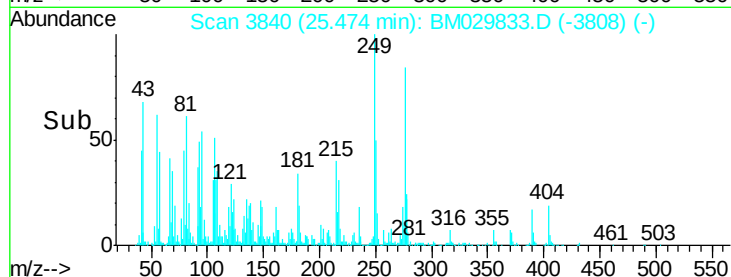
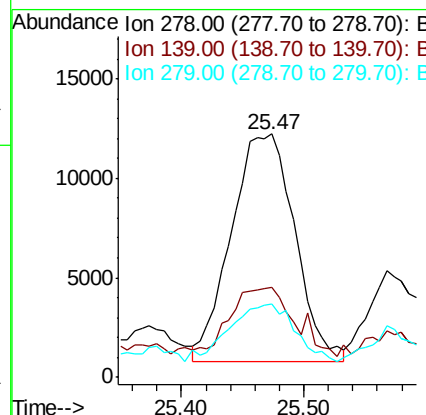
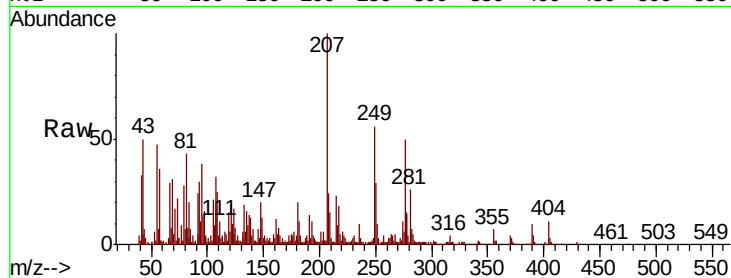
ClientSampleId :

BG596

Tot Ion:	278	Resp:	41200
Ion Ratio	Lower	Upper	
278	100		
139	36.9	13.9	20.9#
279	30.4	18.4	27.6#

Manual Integrations
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#96

Benzo(g,h,i)perylene

Concen: 3.297 ng/ul

RT: 26.13 min Scan# 3951

Delta R.T. -0.01 min

Lab File: BM029833.D

Acq: 05 May 2021 18:57

Tgt Ion:	276	Resp:	133066
Ion Ratio	Lower	Upper	
276	100		
138	25.7	18.2	27.4
277	24.8	18.8	28.2

