

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
 Data File : BM029892.D
 Acq On : 08 May 2021 01:11
 Operator : CG/JU
 Sample : M2192-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG596

Manual Integrations
 APPROVED

mohammad
 5/10/2021 11:45:30 AM

Quant Time: May 08 02:13:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 07 23:49:53 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	150166	20.00	ng/ul	0.00
20) Naphthalene-d8	10.33	136	689047	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	471429	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.95	188	999401	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	1026822	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	893976	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	11484	3.05	ng/uL	0.00
4) Pyridine-d5	3.52	84	63588m	6.75	ng/ul	0.03
7) Phenol-d5	6.74	99	167410	11.99	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	121777	14.06	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	144867	13.44	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	139632	12.09	ng/ul	0.00
21) Nitrobenzene-d5	8.71	128	68341	14.39	ng/ul	0.00
24) 2-Nitrophenol-d4	9.43	143	72948	13.61	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	136496	12.70	ng/ul	0.00
31) 4-Chloroaniline-d4	10.48	131	195530	11.96	ng/ul	0.00
46) Dimethylphthalate-d6	13.62	166	581485	15.91	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	734327	15.86	ng/ul	0.00
54) 4-Nitrophenol-d4	14.44	143	33883	5.69	ng/ul	0.01
60) Fluorene-d10	15.20	176	561364	18.10	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	25022	3.85	ng/ul	0.00
73) Anthracene-d10	17.04	188	982825	19.53	ng/ul	0.00
81) Pyrene-d10	19.34	212	1152391	21.88	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.16	264	985216	19.44	ng/ul	0.00

Target Compounds

					Ovalue
30) Naphthalene	10.38	128	48942	1.280 ng/ul	97
36) 2-Methylnaphthalene	12.00	142	43989	1.586 ng/ul	96
37) 1-Methylnaphthalene	12.23	142	64862	2.359 ng/ul#	97
47) Dimethylphthalate	13.67	163	42370	1.158 ng/ul	99
50) Acenaphthylene	13.92	152	68020	1.519 ng/ul#	95
52) Acenaphthene	14.26	153	104131	3.290 ng/ul	99
61) Fluorene	15.26	166	92699	2.501 ng/ul	98
67) N-Nitrosodiphenylamine	15.47	169	59986	1.848 ng/ul	99
72) Phenanthrene	16.99	178	885367	15.024 ng/ul	99
74) Anthracene	17.08	178	298881	4.961 ng/ul	98
80) Fluoranthene	19.01	202	891033	13.899 ng/ul	97
82) Pyrene	19.37	202	1175191	17.419 ng/ul	99
85) Benzo(a)anthracene	21.12	228	491969	7.343 ng/ul	94
87) Chrysene	21.17	228	515347	7.723 ng/ul	97
90) Benzo(b)fluoranthene	22.65	252	404012	6.967 ng/ul#	91
91) Benzo(k)fluoranthene	22.69	252	126934m	2.082 ng/ul	
93) Benzo(a)pyrene	23.20	252	356055	6.761 ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	25.44	276	160283	2.515 ng/ul	99
96) Benzo(g,h,i)perylene	26.10	276	149152	2.888 ng/ul	97

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

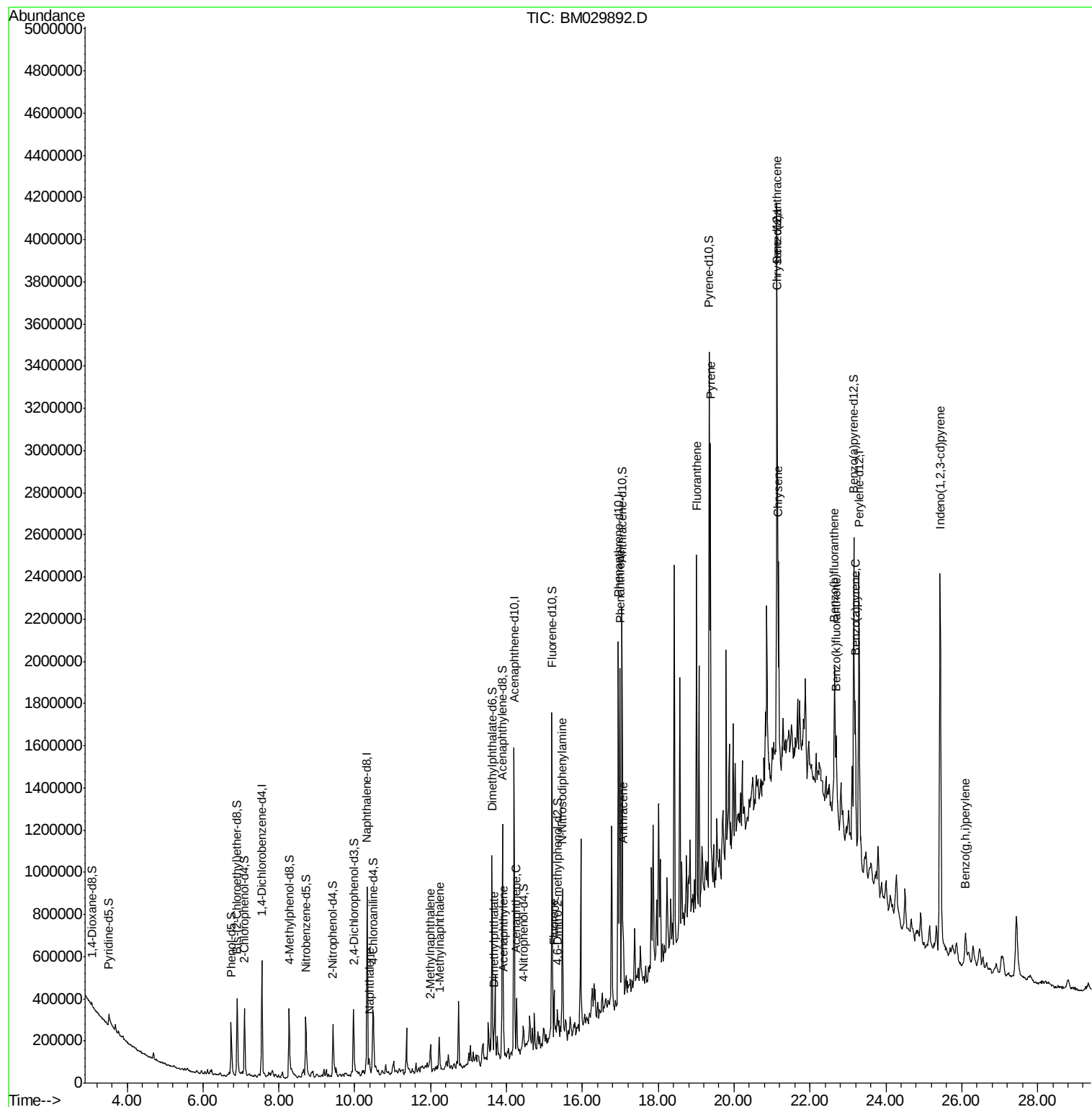
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
Data File : BM029892.D
Acq On : 08 May 2021 01:11
Operator : CG/JU
Sample : M2192-02
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ALS Vial : 25 Sample Multiplier: 1

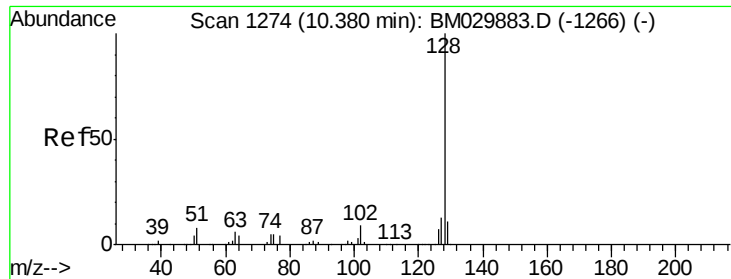
Instrument :
BNA_M
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Quant Time: May 08 02:13:43 2021
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Quant Title : SVOA CALIBRATION
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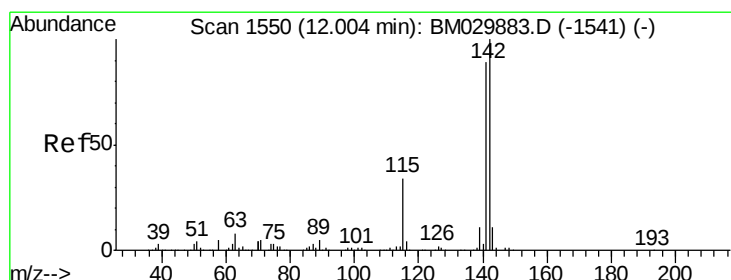
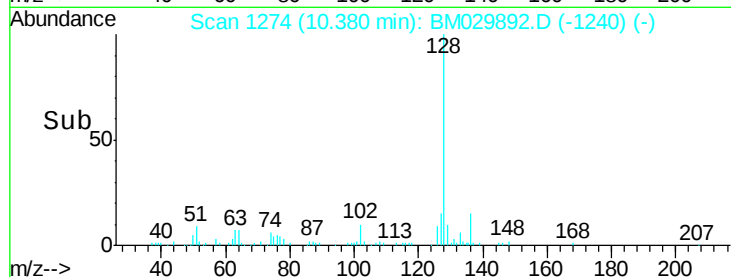
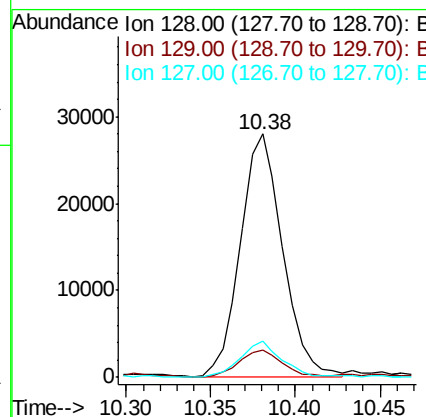
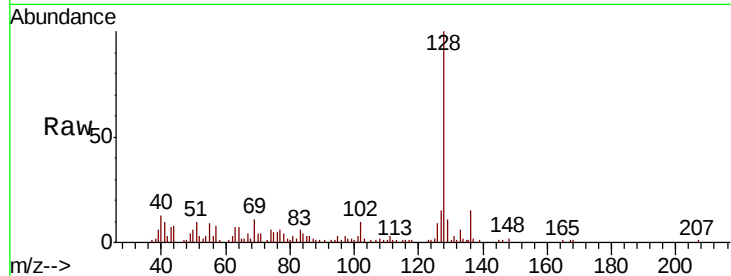
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Naphthalene
Concen: 1.280 ng/ul
RT: 10.38 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BM029892.D
Acq: 08 May 2021 01:11

Instrument :
BNA_M
ClientSampleId :
BG596

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.5	12.7
127	14.9	10.4	15.6

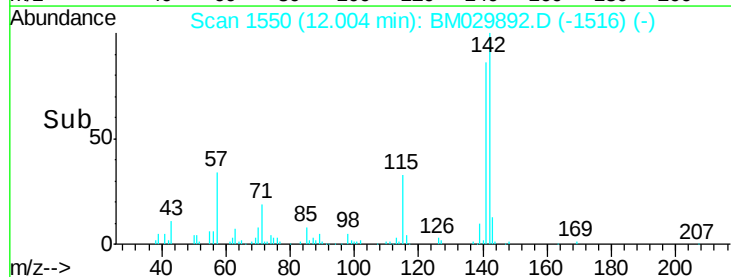
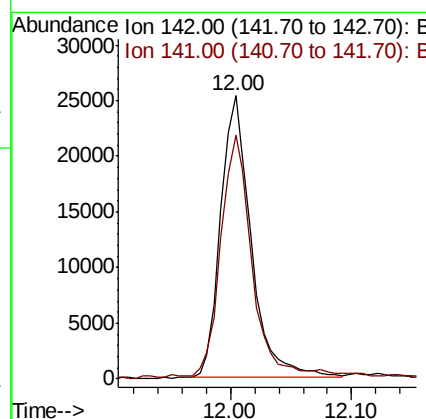
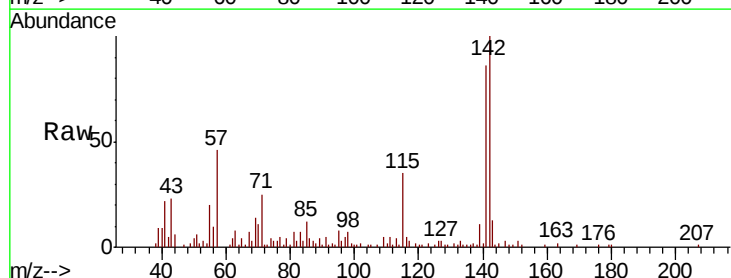
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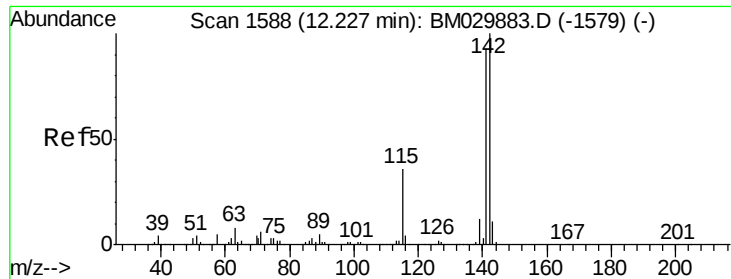
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#36
2-Methylnaphthalene
Concen: 1.586 ng/ul
RT: 12.00 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BM029892.D
Acq: 08 May 2021 01:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.9	72.1	108.1





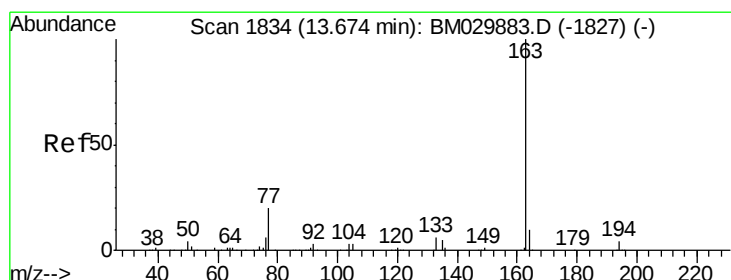
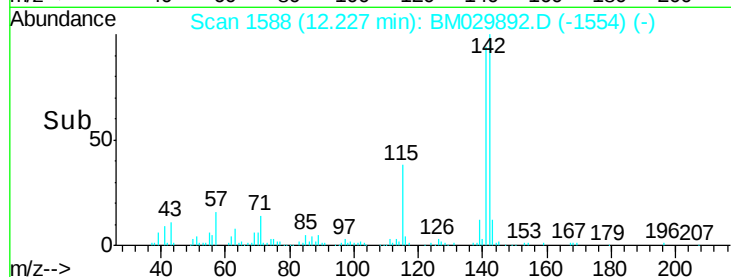
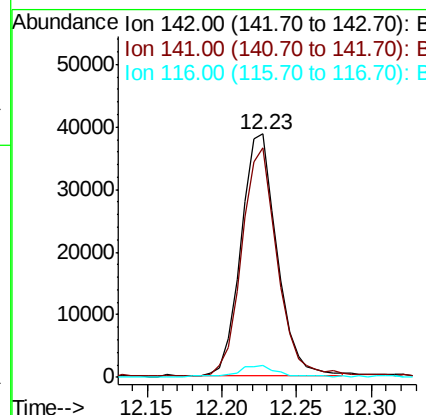
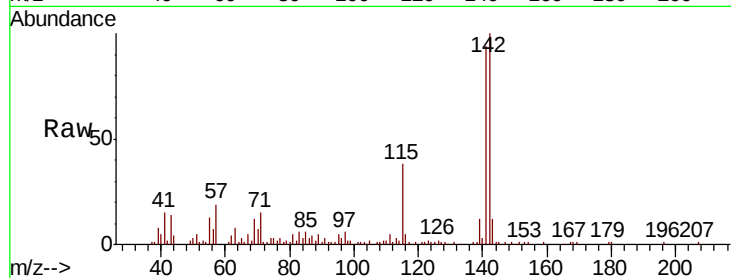
#37
1-Methylnaphthalene
Concen: 2.359 ng/ul
RT: 12.23 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BM029892.D
Acq: 08 May 2021 01:11

Instrument :
BNA_M
ClientSampled :
BG596

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.4	72.9	109.3
116	4.7	3.0	4.6#

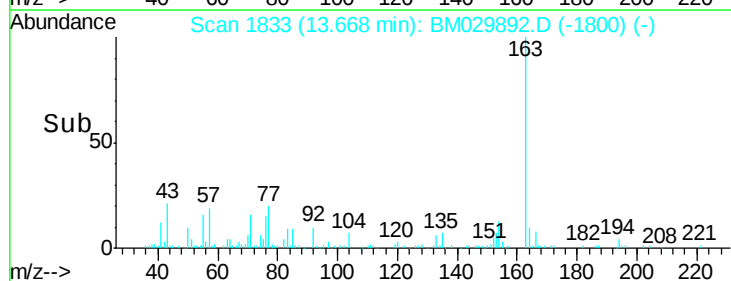
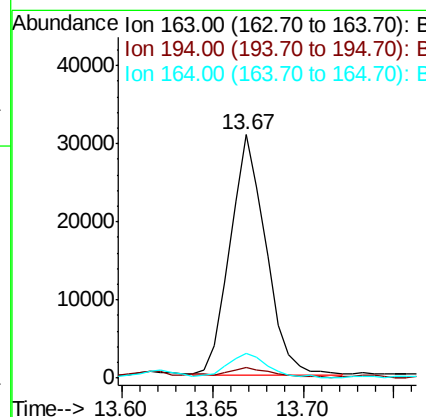
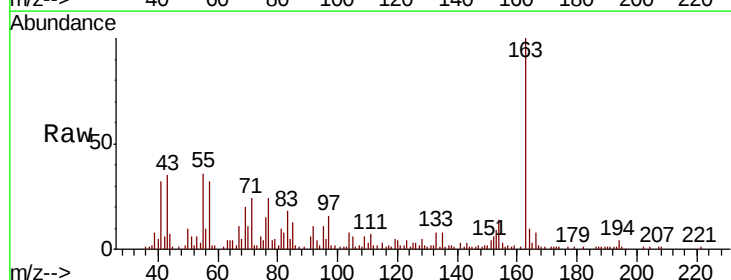
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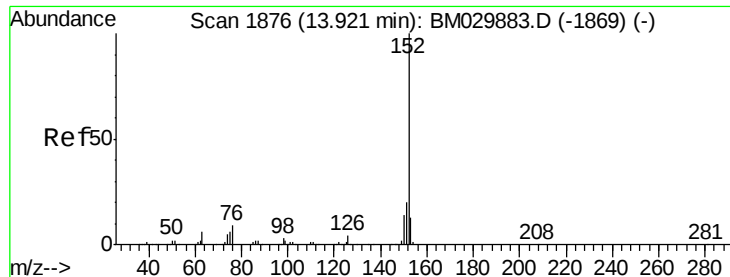
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#47
Dimethylphthalate
Concen: 1.158 ng/ul
RT: 13.67 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BM029892.D
Acq: 08 May 2021 01:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.3	7.8	11.8





#50

Acenaphthylene

Concen: 1.519 ng/ul

RT: 13.92 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BM029892.D

Acq: 08 May 2021 01:11

Instrument :

BNA_M

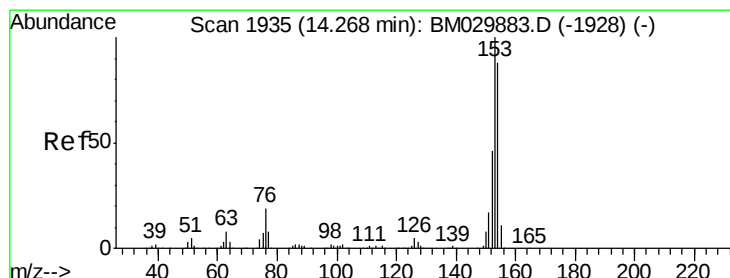
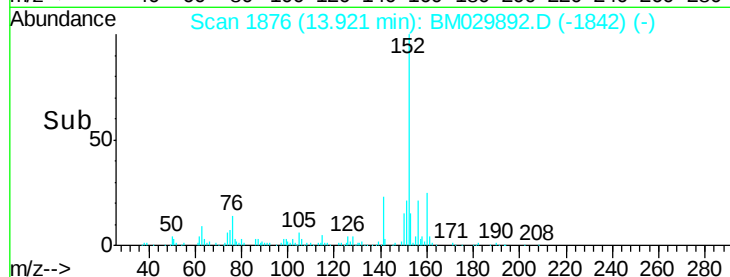
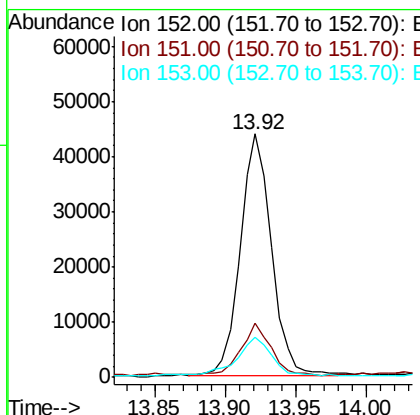
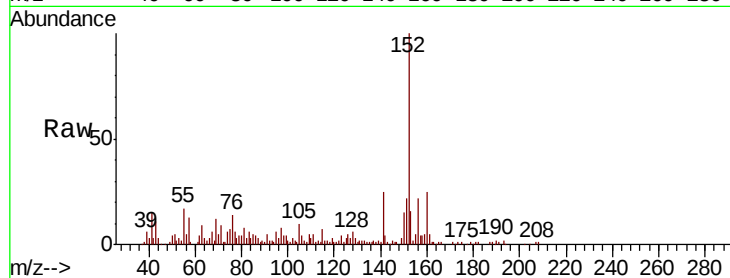
ClientSampled :

BG596

Tot Ion:	152	Resp:	68020
Ion Ratio	Lower	Upper	
152	100		
151	22.3	16.6	24.8
153	16.3	10.6	16.0

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#52

Acenaphthene

Concen: 3.290 ng/ul

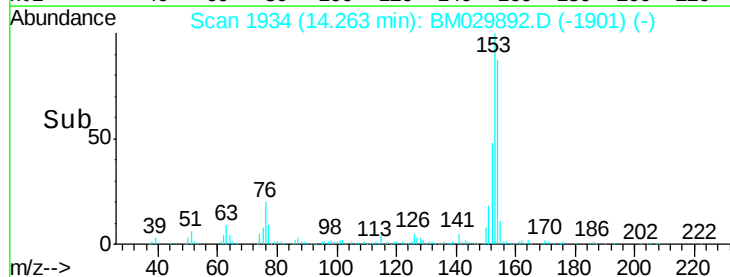
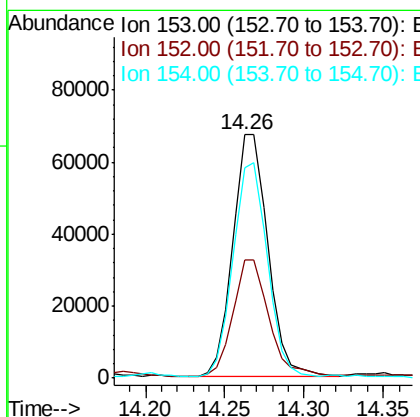
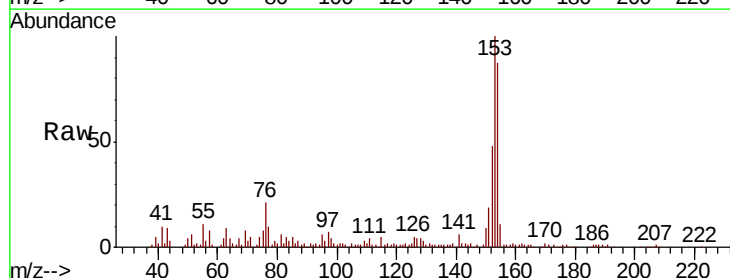
RT: 14.26 min Scan# 1934

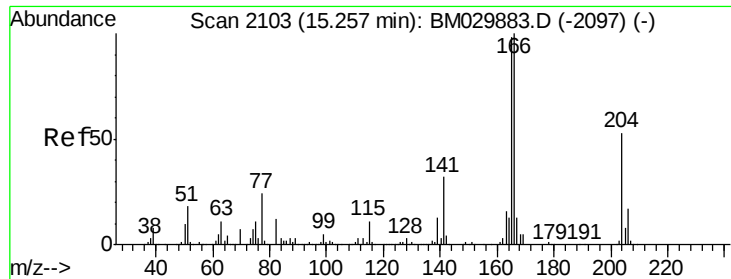
Delta R.T. -0.01 min

Lab File: BM029892.D

Acq: 08 May 2021 01:11

Tgt Ion:	153	Resp:	104131
Ion Ratio	Lower	Upper	
153	100		
152	48.3	37.7	56.5
154	86.7	70.2	105.4





#61

Fluorene

Concen: 2.501 ng/ul

RT: 15.26 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BM029892.D

Acq: 08 May 2021 01:11

Instrument :

BNA_M

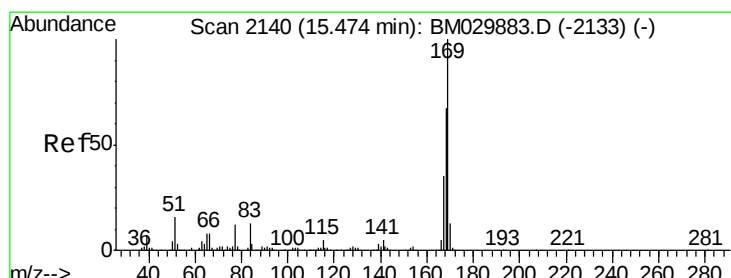
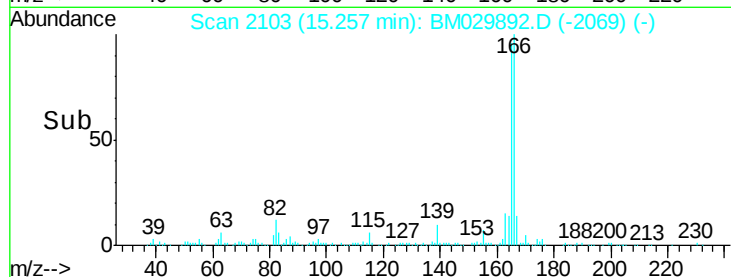
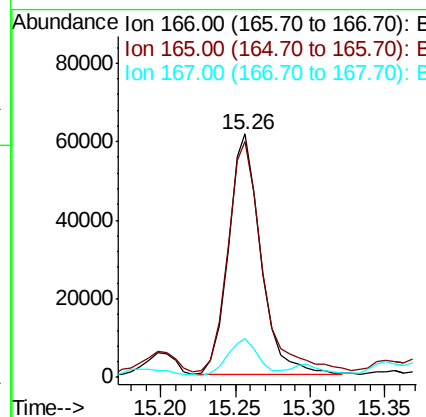
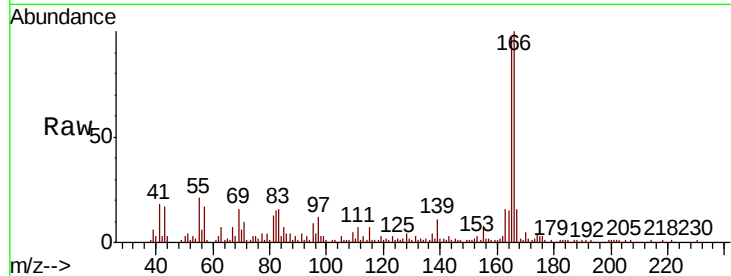
ClientSampleId :

BG596

Tot Ion:	166	Resp:	92699
Ion Ratio	Lower	Upper	
166	100		
165	96.7	78.4	117.6
167	15.8	10.9	16.3

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#67

N-Nitrosodiphenylamine

Concen: 1.848 ng/ul

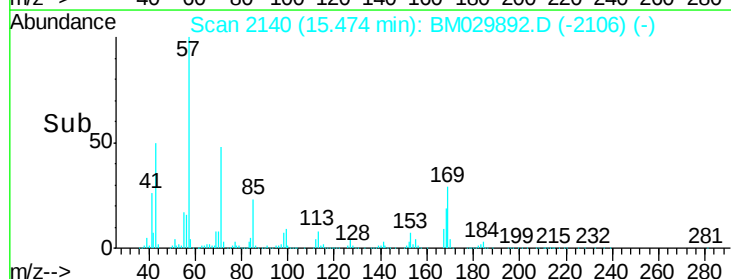
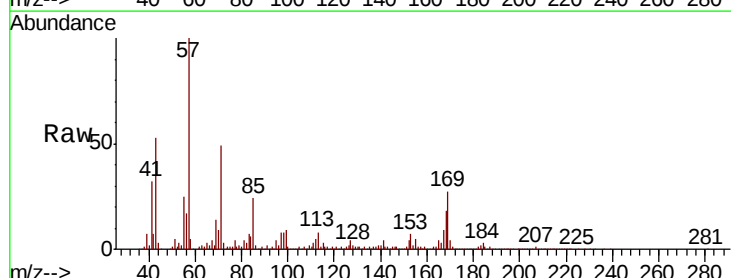
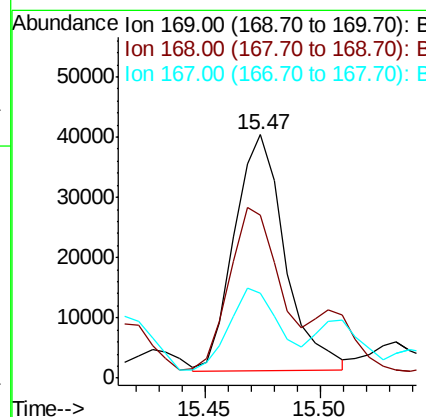
RT: 15.47 min Scan# 2140

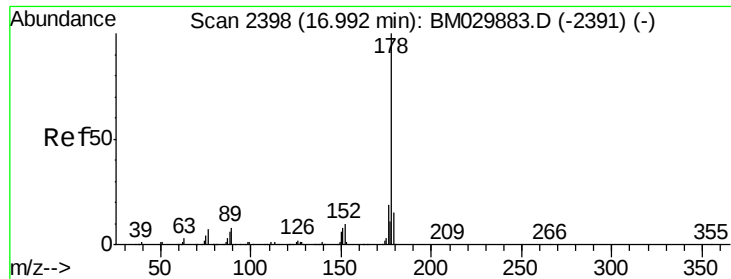
Delta R.T. -0.00 min

Lab File: BM029892.D

Acq: 08 May 2021 01:11

Tgt Ion:	169	Resp:	59986
Ion Ratio	Lower	Upper	
169	100		
168	66.8	53.0	79.4
167	34.8	27.8	41.6





#72

Phenanthrene

Concen: 15.024 ng/ul

RT: 16.99 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BM029892.D

Acq: 08 May 2021 01:11

Instrument :

BNA_M

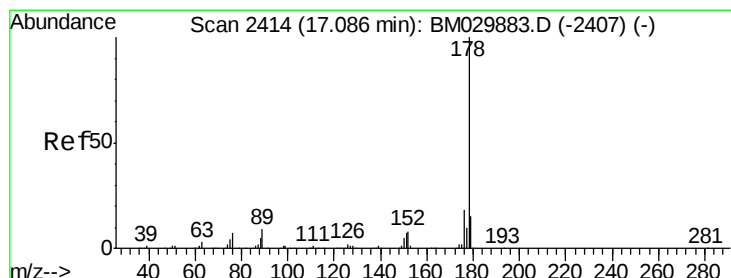
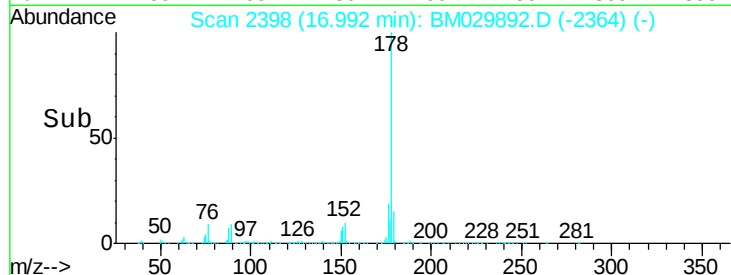
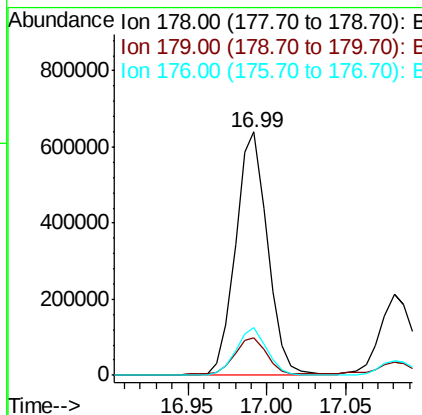
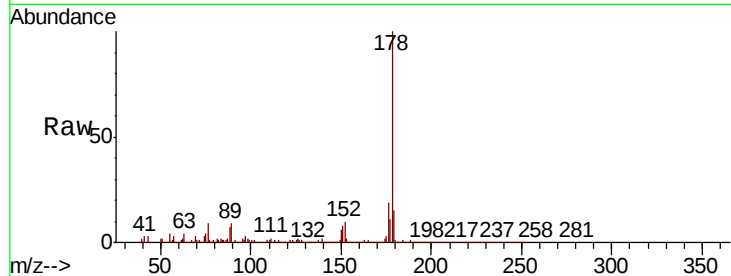
ClientSampleId :

BG596

Tot Ion:	178	Resp:	885367
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.2	18.4
176	19.5	15.0	22.4

Manual Integrations
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#74

Anthracene

Concen: 4.961 ng/ul

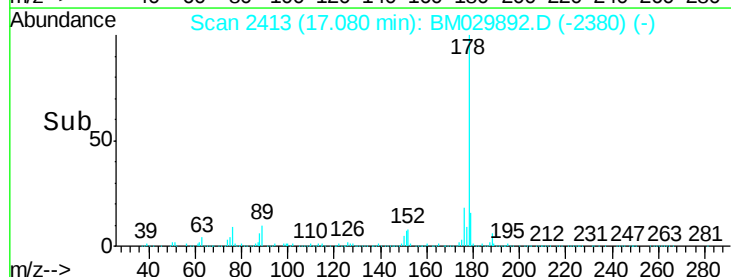
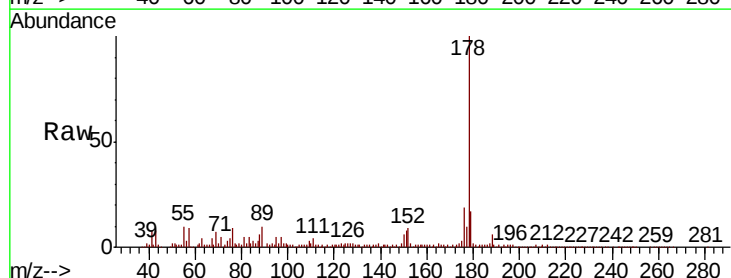
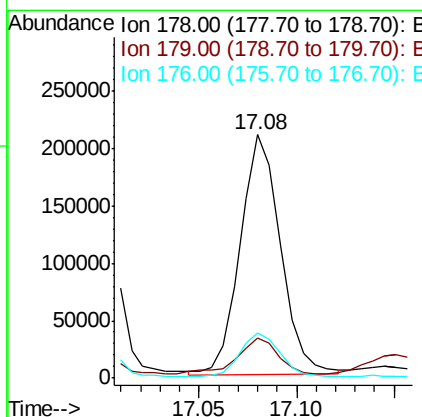
RT: 17.08 min Scan# 2413

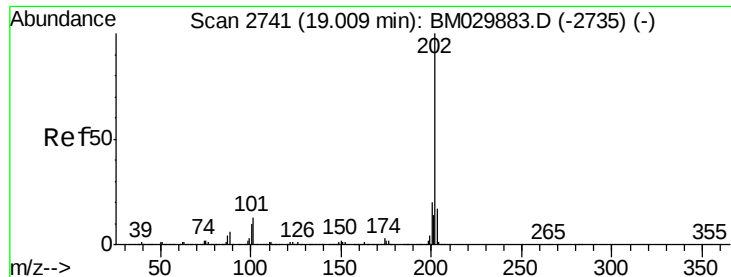
Delta R.T. -0.01 min

Lab File: BM029892.D

Acq: 08 May 2021 01:11

Tgt Ion:	178	Resp:	298881
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.2	18.2
176	18.7	14.9	22.3





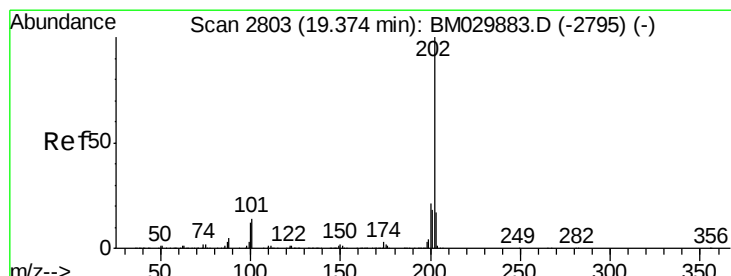
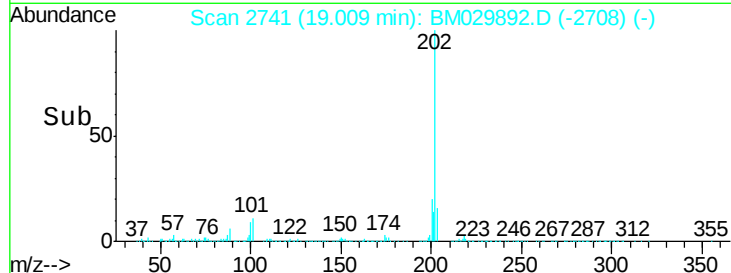
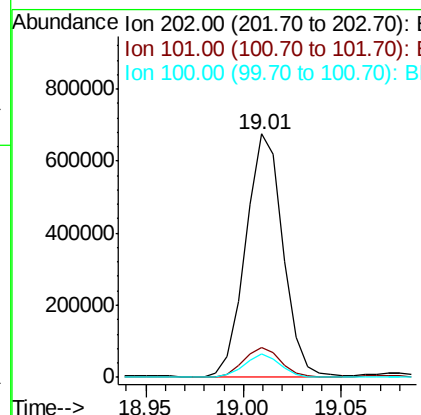
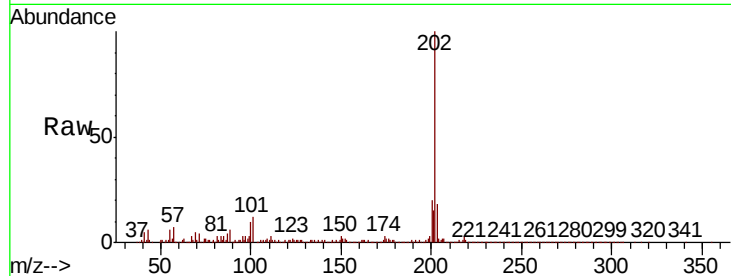
#80
Fluoranthene
Concen: 13.899 ng/ul
RT: 19.01 min Scan# 2741
Delta R.T. -0.01 min
Lab File: BM029892.D
Acq: 08 May 2021 01:11

Instrument :
BNA_M
ClientSampleId :
BG596

Tot Ion:	202	Resp:	891033
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.0	13.4
100	9.6	7.0	10.6

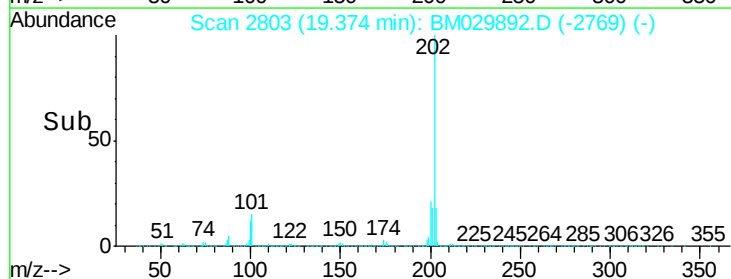
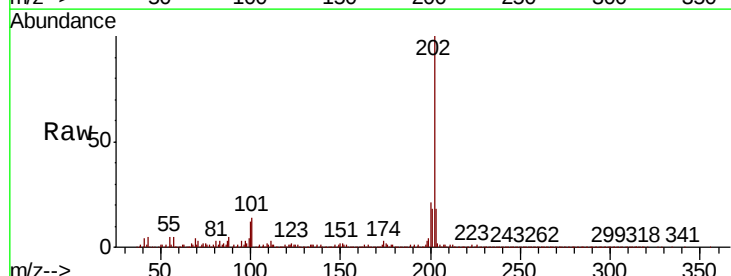
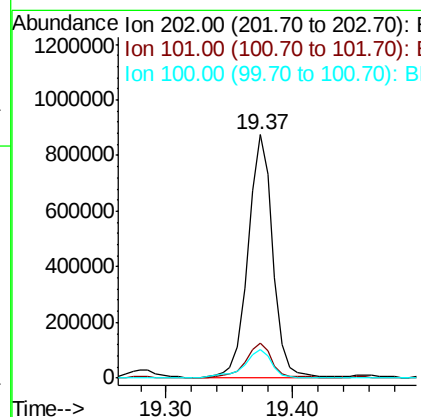
Manual Integrations
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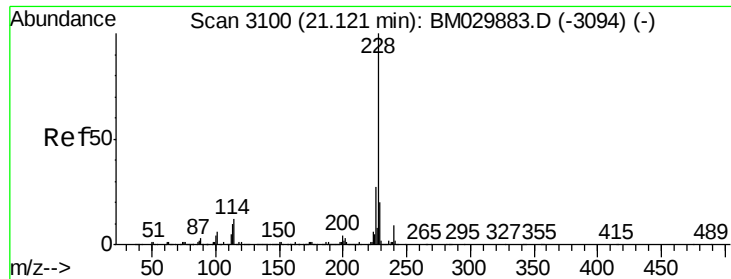
mohammad
5/10/2021 11:45:30 AM



#82
Pyrene
Concen: 17.419 ng/ul
RT: 19.37 min Scan# 2803
Delta R.T. -0.00 min
Lab File: BM029892.D
Acq: 08 May 2021 01:11

Tgt Ion:	202	Resp:	1175191
Ion Ratio	Lower	Upper	
202	100		
101	14.4	11.8	17.6
100	11.8	9.2	13.8





#85

Benzo(a)anthracene

Concen: 7.343 ng/ul

RT: 21.12 min Scan# 3100

Delta R.T. -0.00 min

Lab File: BM029892.D

Acq: 08 May 2021 01:11

Instrument :

BNA_M

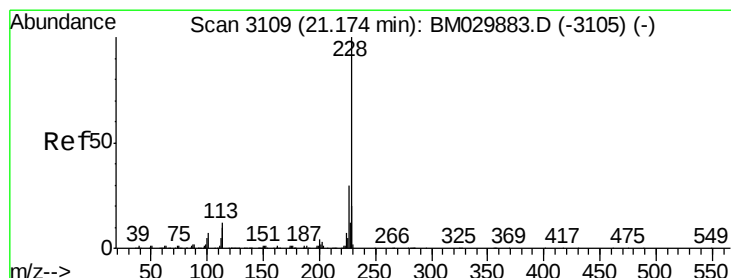
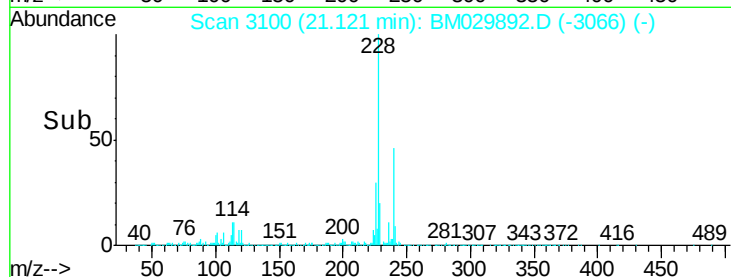
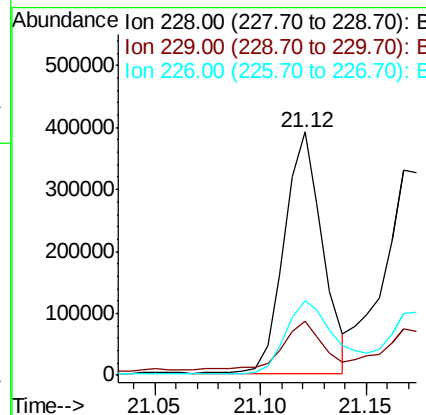
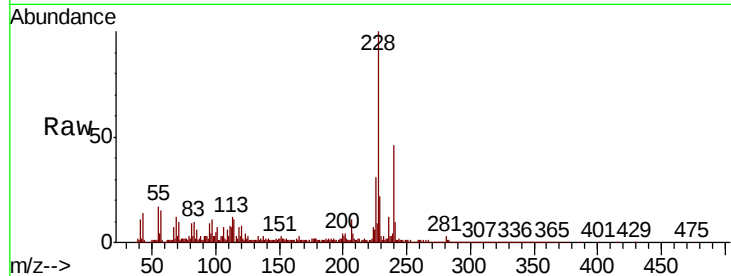
ClientSampled :

BG596

Tot Ion:	228	Resp:	491969
Ion Ratio	Lower	Upper	
228	100		
229	22.1	15.9	23.9
226	30.6	21.4	32.0

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#87

Chrysene

Concen: 7.723 ng/ul

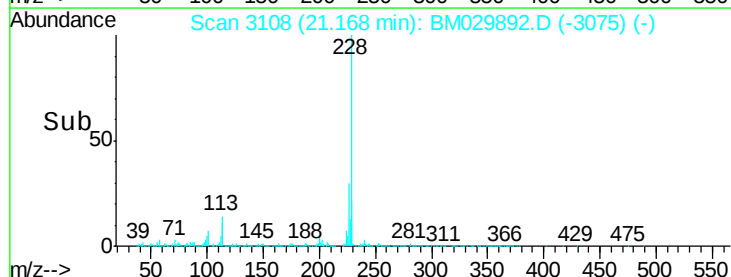
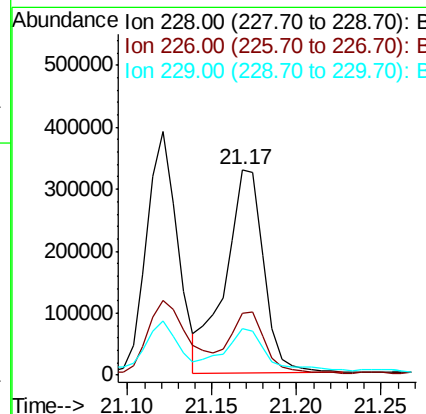
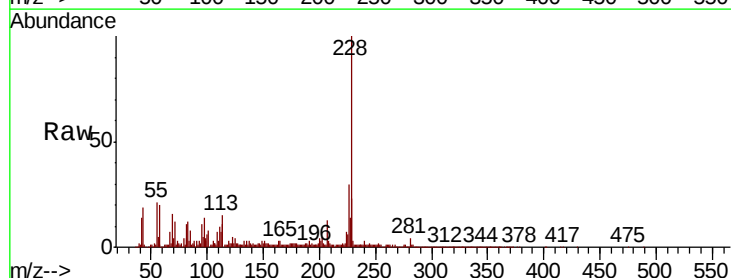
RT: 21.17 min Scan# 3108

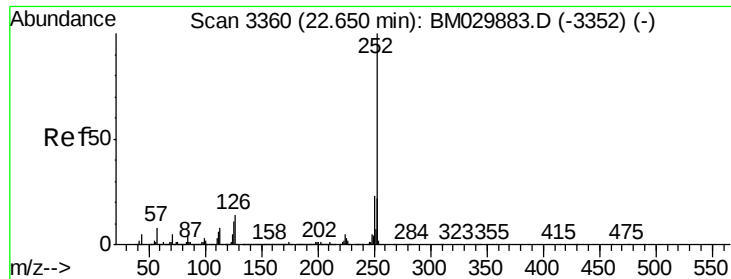
Delta R.T. -0.01 min

Lab File: BM029892.D

Acq: 08 May 2021 01:11

Tgt Ion:	228	Resp:	515347
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.9	35.9
229	22.6	15.6	23.4





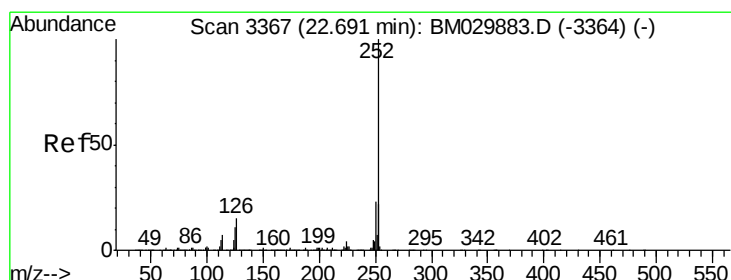
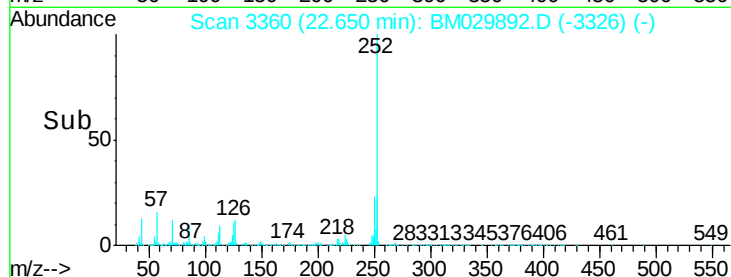
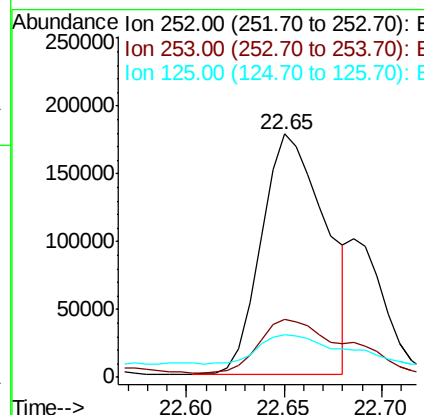
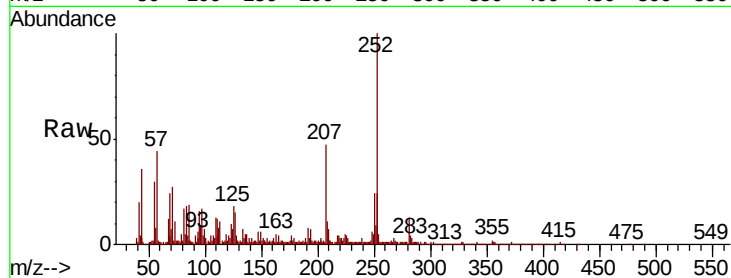
#90
Benzo(b)fluoranthene
Concen: 6.967 ng/ul
RT: 22.65 min Scan# 3360
Delta R.T. -0.00 min
Lab File: BM029892.D
Acq: 08 May 2021 01:11

Instrument :
BNA_M
ClientSampleId :
BG596

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	17.5	8.6	12.8

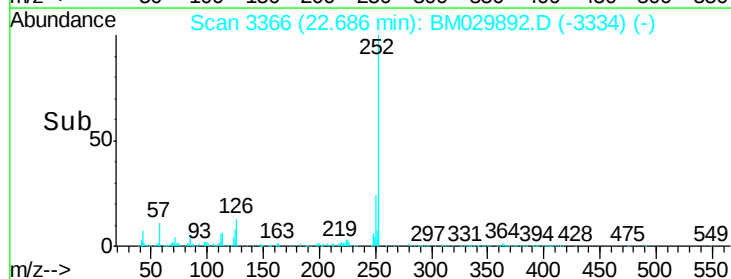
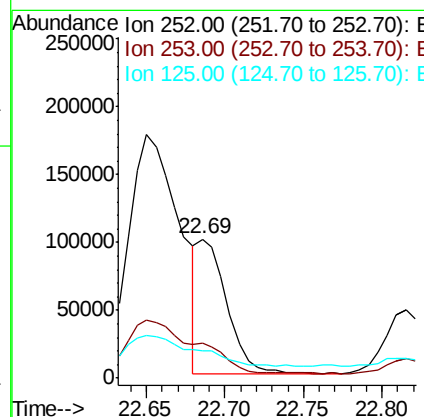
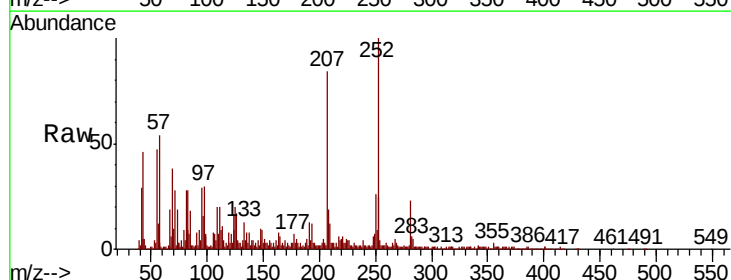
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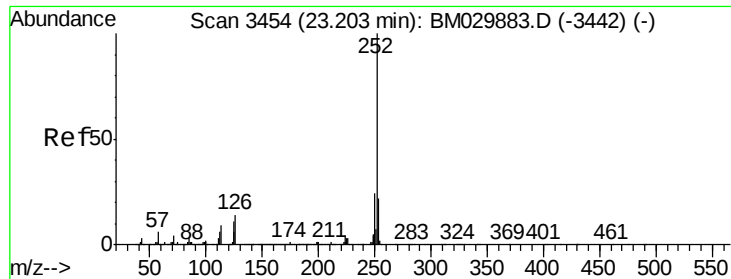
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#91
Benzo(k)fluoranthene
Concen: 2.082 ng/ul m
RT: 22.69 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BM029892.D
Acq: 08 May 2021 01:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.8	26.8
125	19.8	8.4	12.6





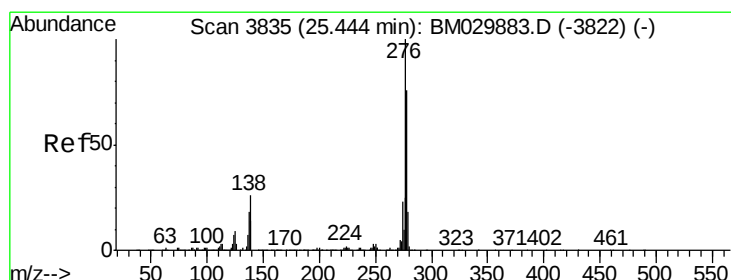
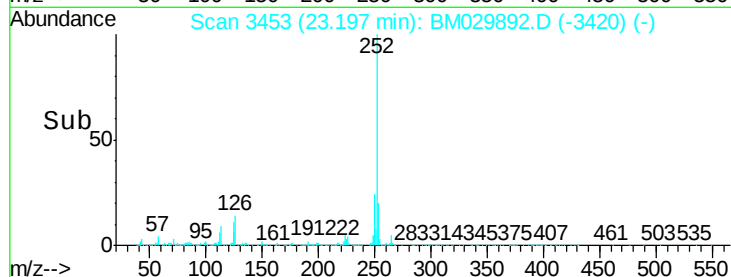
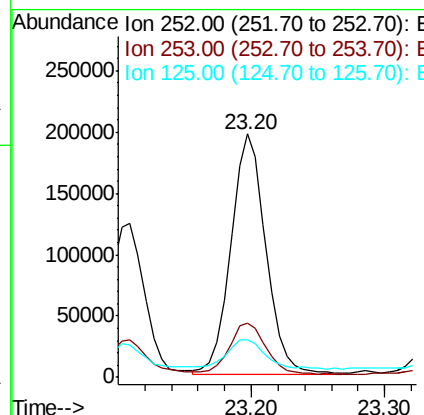
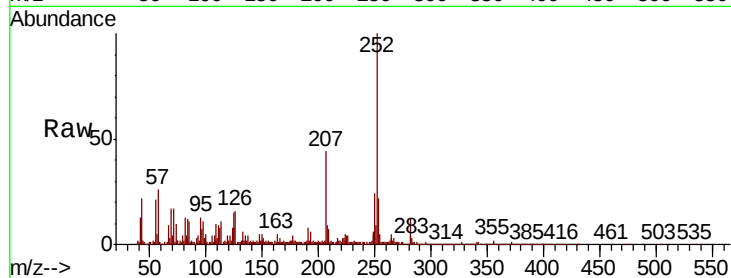
#93
Benzo(a)pyrene
Concen: 6.761 ng/ul
RT: 23.20 min Scan# 3453
Delta R.T. -0.01 min
Lab File: BM029892.D
Acq: 08 May 2021 01:11

Instrument :
BNA_M
ClientSampleId :
BG596

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	17.9	26.9
125	15.4	9.6	14.4

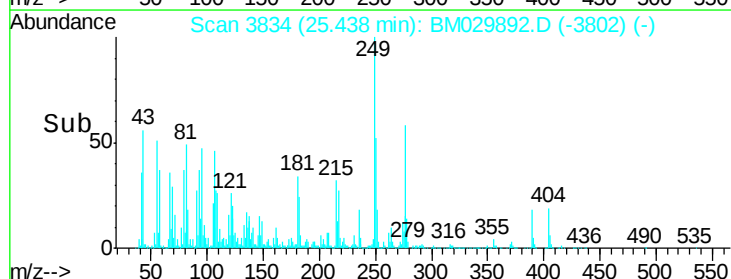
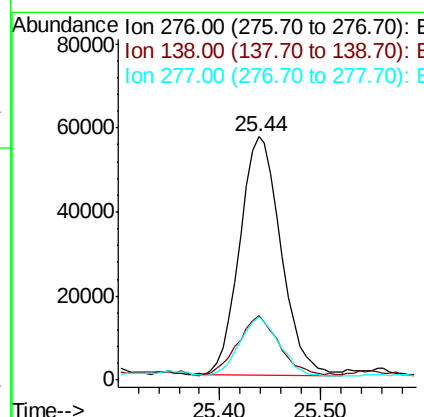
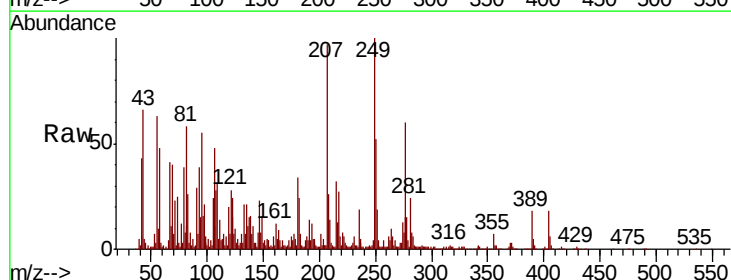
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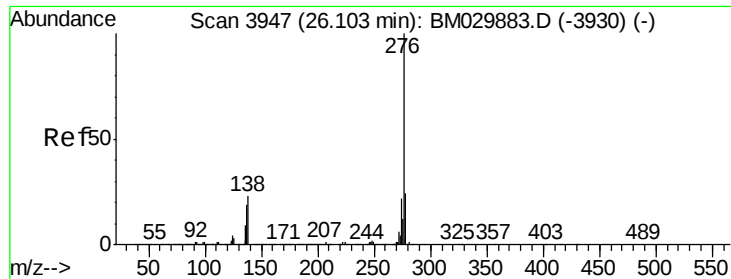
mohammad
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#94
Indeno(1,2,3-cd)pyrene
Concen: 2.515 ng/ul
RT: 25.44 min Scan# 3834
Delta R.T. -0.01 min
Lab File: BM029892.D
Acq: 08 May 2021 01:11

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	26.7	21.1	31.7
277	25.9	20.3	30.5





#96

Benzo(a,h,i)perylene

Concen: 2.888 ng/ul

RT: 26.10 min Scan# 3946

Delta R.T. -0.01 min

Lab File: BM029892.D

Acq: 08 May 2021 01:11

Instrument :

BNA_M

ClientSampleId :

BG596

Tot Ion:	276	Resp:	149152
Ion Ratio		Lower	Upper
276	100		
138	24.4	17.8	26.8
277	24.0	18.5	27.7

Manual Integrations
APPROVED

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5/10/2021 11:45:30 AM

