

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
 Data File : BM030476.D
 Acq On : 16 Jun 2021 21:10
 Operator : CG/JU
 Sample : M2596-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG5Q1

Manual Integrations
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Quant Time: Jun 17 04:12:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 16 18:05:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	165431	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	645749	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	416161	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	878790	20.000	ng/ul	0.00
79) Chrysene-d12	21.350	240	991865	20.000	ng/ul	0.00
88) Perylene-d12	23.627	264	1021678	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	7991	1.844	ng/uL	0.00
4) Pyridine-d5	3.763	84	21162m	1.859	ng/ul	0.05
7) Phenol-d5	6.998	99	248188	17.262	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	156818	16.899	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	216032	20.776	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	193588	16.859	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	97318	22.017	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	110448	25.159	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	203733	21.305	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	100784m	6.894	ng/ul	0.01
46) Dimethylphthalate-d6	13.857	166	600409	21.023	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	786735	22.051	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	89101	16.668	ng/ul	0.01
60) Fluorene-d10	15.439	176	554291	21.679	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	35360	6.971	ng/ul	0.00
73) Anthracene-d10	17.286	188	868817	21.737	ng/ul	0.00
81) Pyrene-d10	19.568	212	892009	17.182	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.480	264	895789	17.583	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.969	77	8802	1.306	ng/ul	86
16) Acetophenone	8.645	105	40008	2.204	ng/ul	97
36) 2-Methylnaphthalene	12.269	142	62971	2.704	ng/ul	99
37) 1-Methylnaphthalene	12.492	142	84849	3.590	ng/ul#	99
47) Dimethylphthalate	13.904	163	826613	29.629	ng/ul	99
50) Acenaphthylene	14.174	152	35136	1.031	ng/ul#	43
52) Acenaphthene	14.510	153	35029m	1.384	ng/ul	
61) Fluorene	15.492	166	52146	1.763	ng/ul#	77
72) Phenanthrene	17.227	178	279433	5.881	ng/ul#	93
80) Fluoranthene	19.239	202	452804	7.098	ng/ul	98
82) Pyrene	19.604	202	542550	8.042	ng/ul	95
85) Benzo(a)anthracene	21.339	228	389764	6.504	ng/ul#	94
86) Bis(2-ethylhexyl)phtha...	21.262	149	337999	10.523	ng/ul#	96
87) Chrysene	21.386	228	373779m	6.325	ng/ul	
90) Benzo(b)fluoranthene	22.939	252	536702	8.172	ng/ul#	90
91) Benzo(k)fluoranthene	22.980	252	198925m	3.171	ng/ul	
93) Benzo(a)pyrene	23.527	252	238910	4.162	ng/ul#	88
94) Indeno(1,2,3-cd)pyrene	25.927	276	212015	3.001	ng/ul#	94
95) Dibenzo(a,h)anthracene	25.927	278	69106	1.162	ng/ul#	79

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

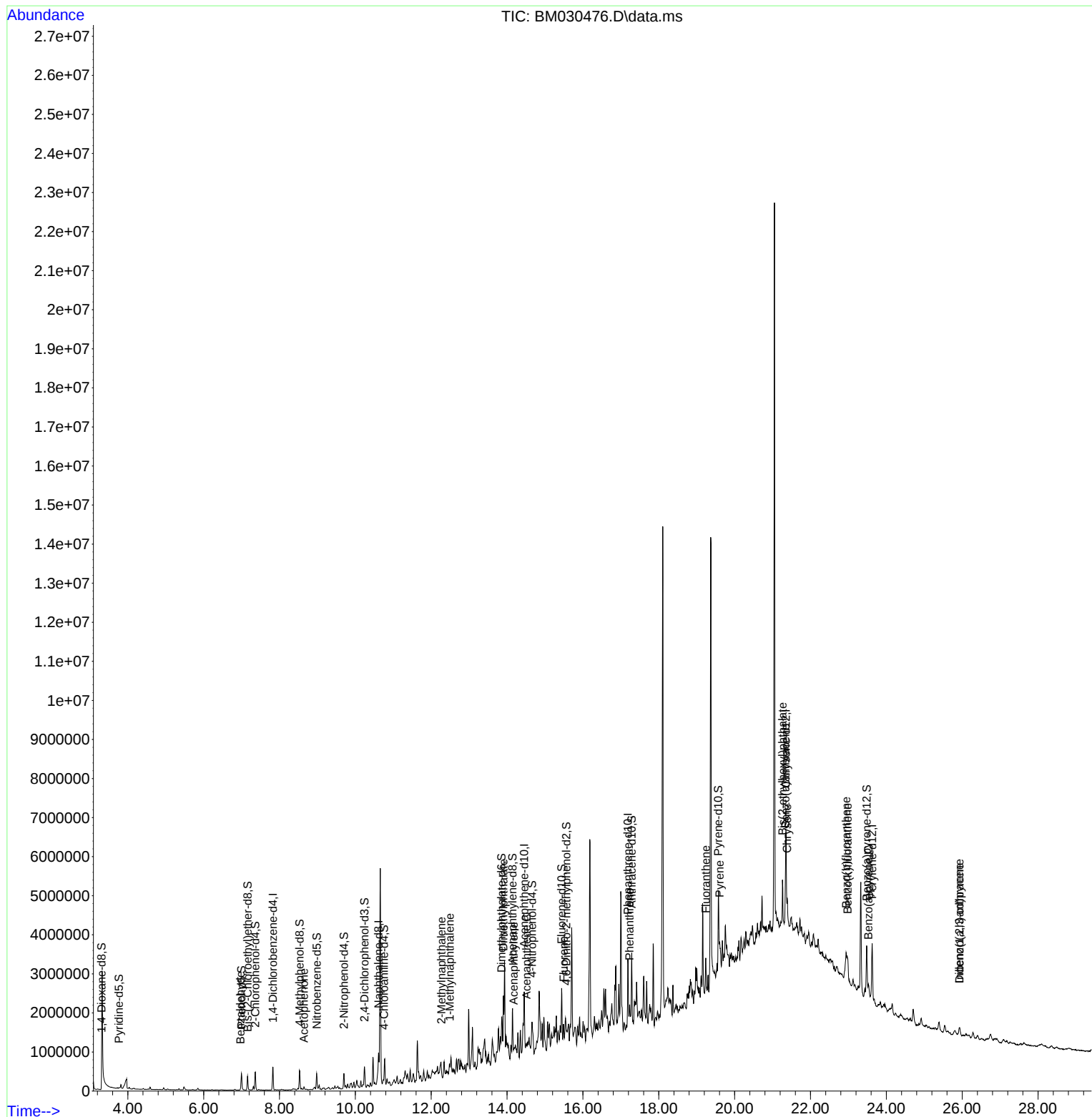
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
Data File : BM030476.D
Acq On : 16 Jun 2021 21:10
Operator : CG/JU
Sample : M2596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

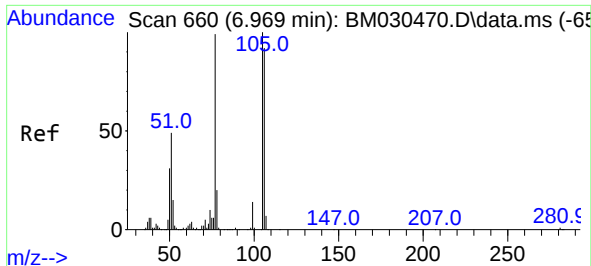
Instrument :
BNA_M
ClientSampleId :
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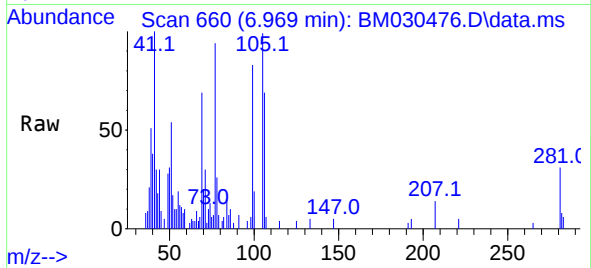
Quant Time: Jun 17 04:12:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 16 18:05:47 2021
Response via : Initial Calibration





#6
Benzaldehyde
Concen: 1.306 ng/ul
RT: 6.969 min Scan# 660
Delta R.T. 0.000 min
Lab File: BM030476.D
Acq: 16 Jun 2021 21:10

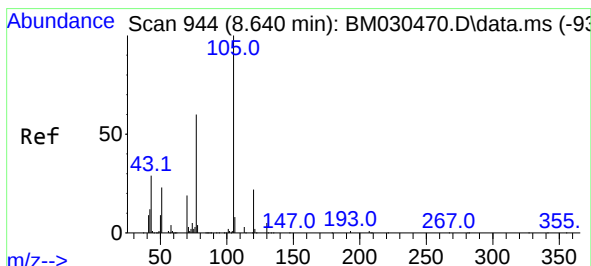
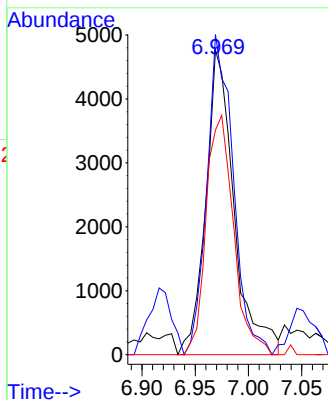
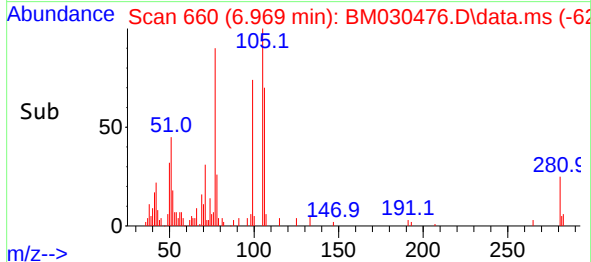
Instrument :
BNA_M
ClientSampleId :
BG5Q1



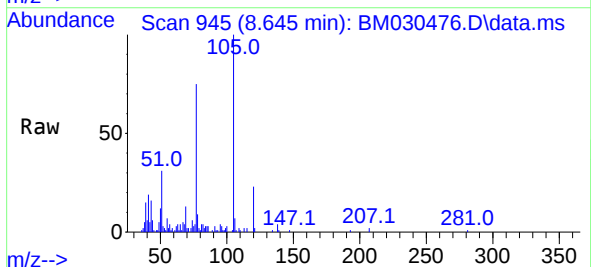
Tgt Ion: 77 Resp: 8802
Ion Ratio Lower Upper
77 100
105 105.0 74.5 111.7
106 73.7 70.2 105.2

Manual Integrations
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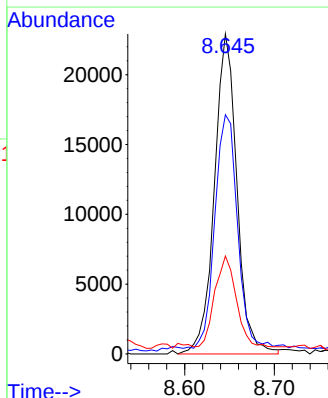
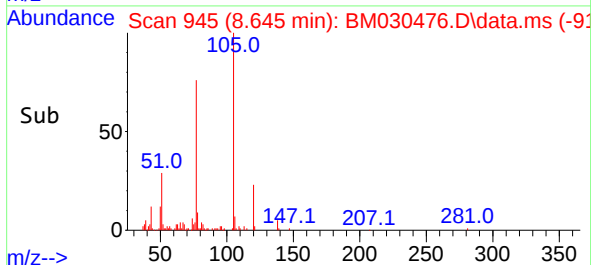
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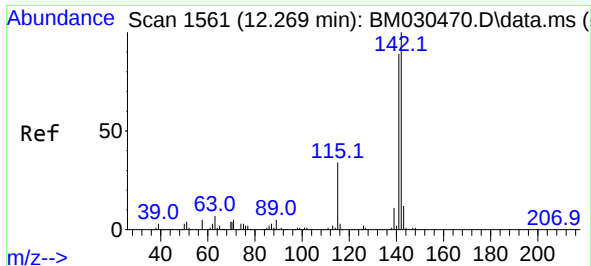


#16
Acetophenone
Concen: 2.204 ng/ul
RT: 8.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BM030476.D
Acq: 16 Jun 2021 21:10



Tgt Ion: 105 Resp: 40008
Ion Ratio Lower Upper
105 100
77 74.8 62.6 93.8
51 30.6 24.3 36.5





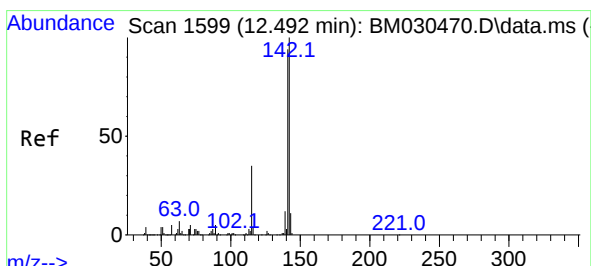
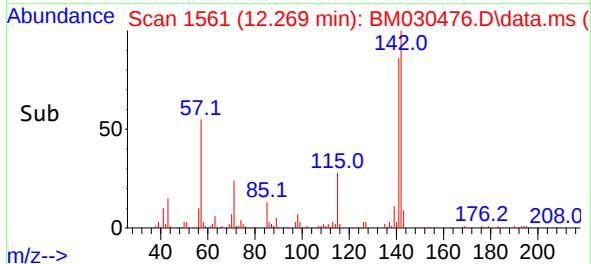
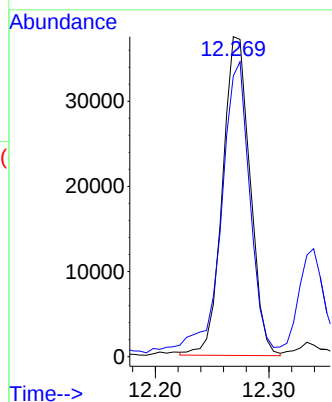
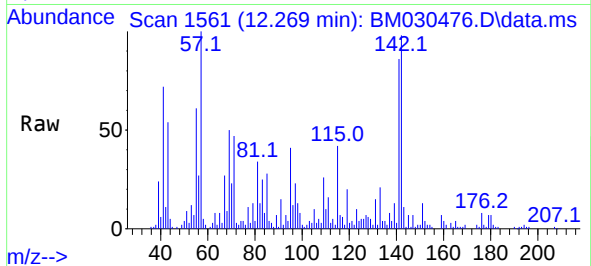
#36
2-Methylnaphthalene
Concen: 2.704 ng/ul
RT: 12.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BM030476.D
Acq: 16 Jun 2021 21:10

Instrument :
BNA_M
ClientSampled :
BG5Q1

Tgt Ion:142 Resp: 62971
Ion Ratio Lower Upper
142 100
141 87.7 70.8 106.2

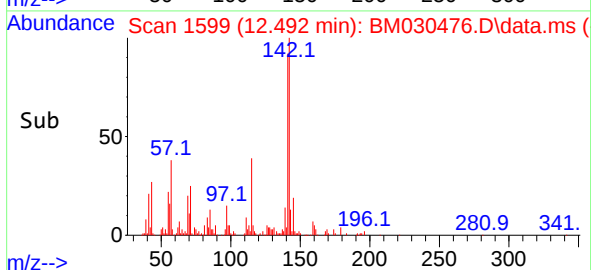
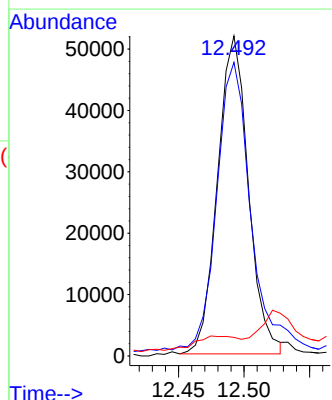
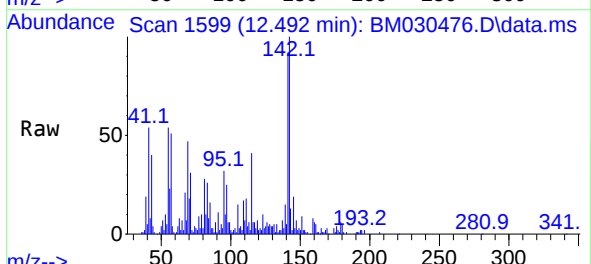
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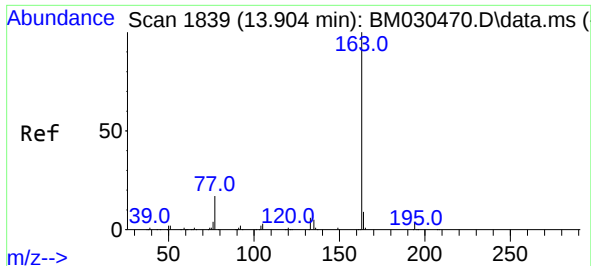
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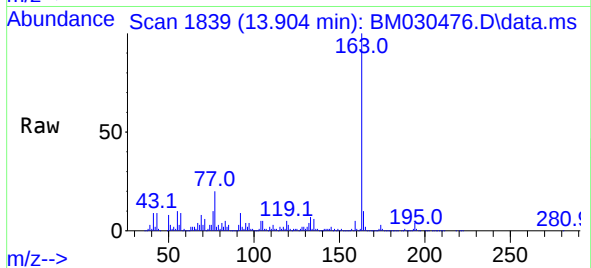
#37
1-Methylnaphthalene
Concen: 3.590 ng/ul
RT: 12.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BM030476.D
Acq: 16 Jun 2021 21:10

Tgt Ion:142 Resp: 84849
Ion Ratio Lower Upper
142 100
141 91.8 74.2 111.2
116 5.8 3.3 4.9#

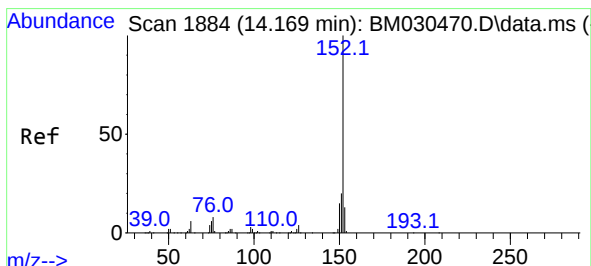
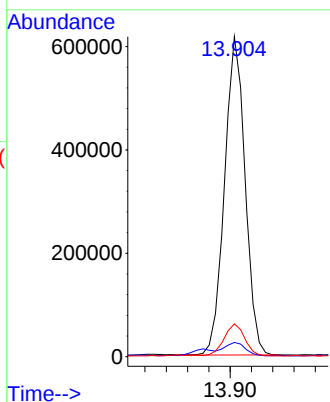
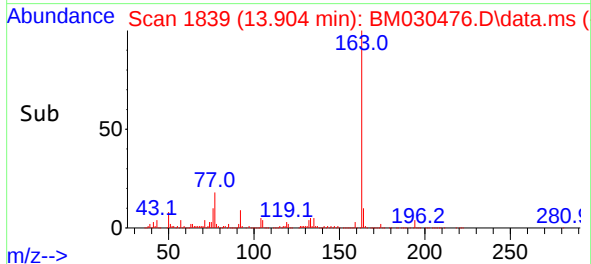




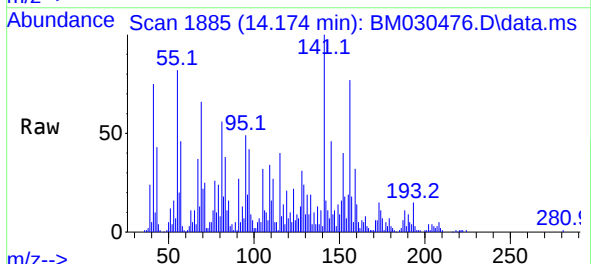
#47
Dimethylphthalate
Concen: 29.629 ng/ul
RT: 13.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BM030476.D
Acq: 16 Jun 2021 21:10



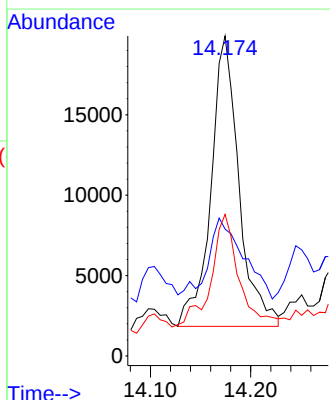
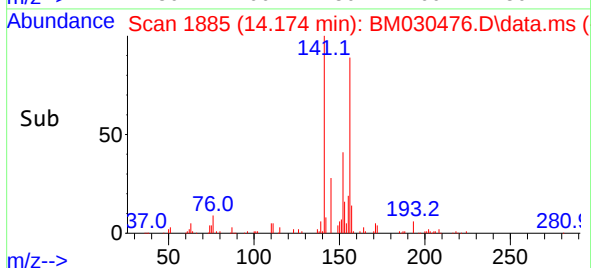
Tgt Ion:163 Resp: 826613
Ion Ratio Lower Upper
163 100
194 4.5 3.2 4.8
164 10.2 8.0 12.0



#50
Acenaphthylene
Concen: 1.031 ng/ul
RT: 14.174 min Scan# 1885
Delta R.T. 0.006 min
Lab File: BM030476.D
Acq: 16 Jun 2021 21:10



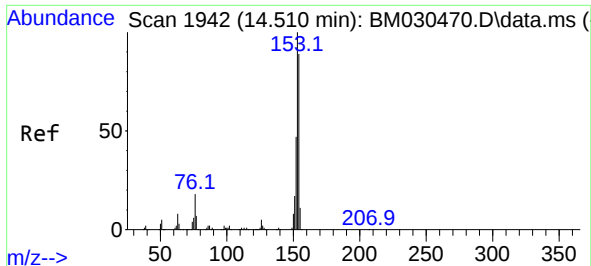
Tgt Ion:152 Resp: 35136
Ion Ratio Lower Upper
152 100
151 39.7 15.9 23.9#
153 44.3 10.5 15.7#



Instrument :
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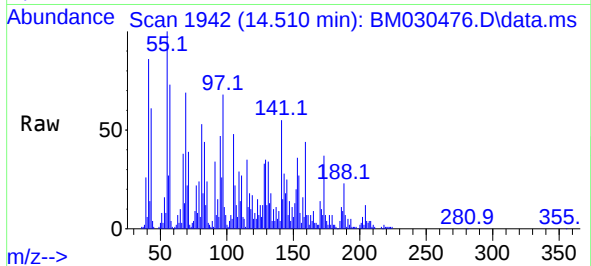
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#52
Acenaphthene
Concen: 1.384 ng/ul m
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM030476.D
Acq: 16 Jun 2021 21:10

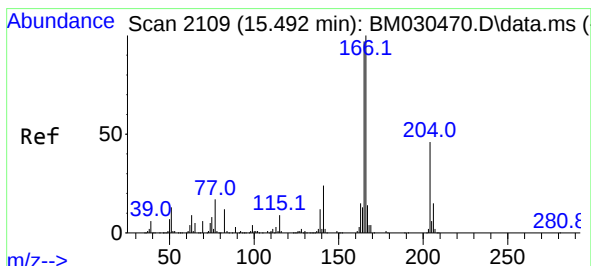
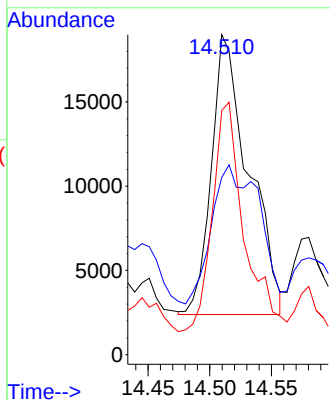
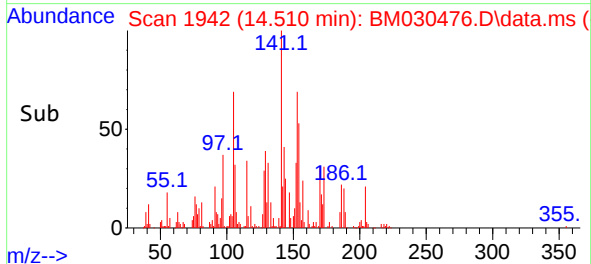
Instrument :
BNA_M
ClientSampleId :
BG5Q1



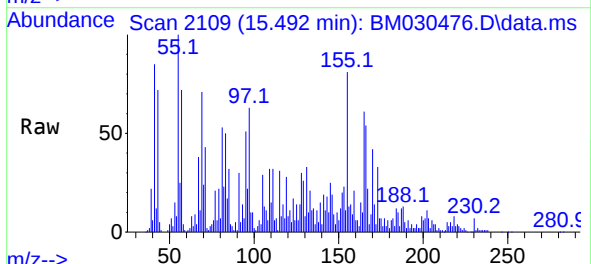
Tgt Ion:153 Resp: 35029
Ion Ratio Lower Upper
153 100
152 55.4 39.0 58.4
154 76.2 71.7 107.5

Manual Integrations
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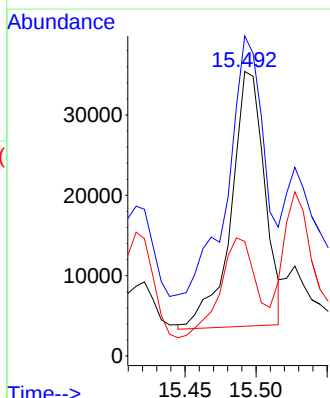
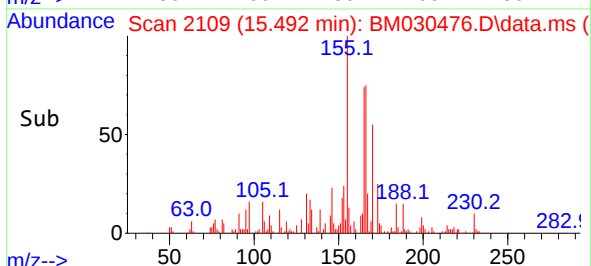
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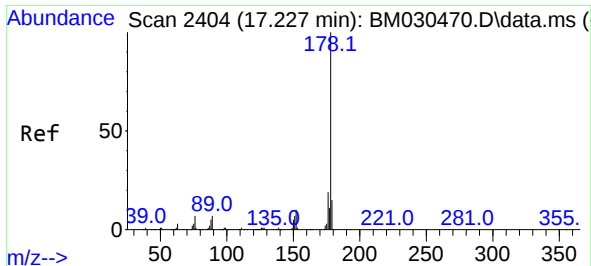


#61
Fluorene
Concen: 1.763 ng/ul
RT: 15.492 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM030476.D
Acq: 16 Jun 2021 21:10



Tgt Ion:166 Resp: 52146
Ion Ratio Lower Upper
166 100
165 112.5 77.0 115.6
167 40.3 10.5 15.7#





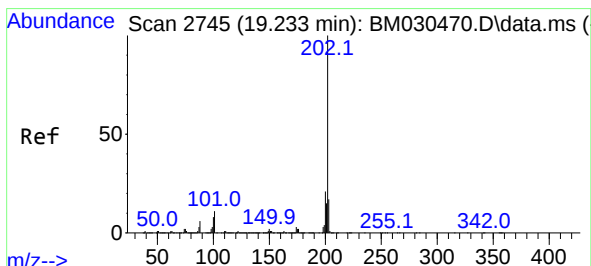
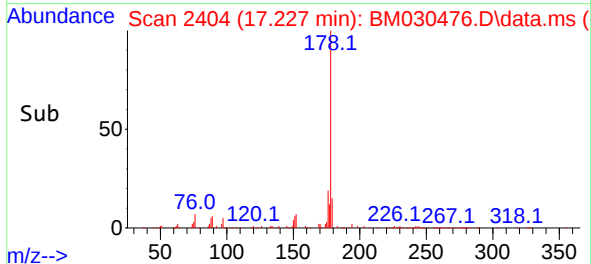
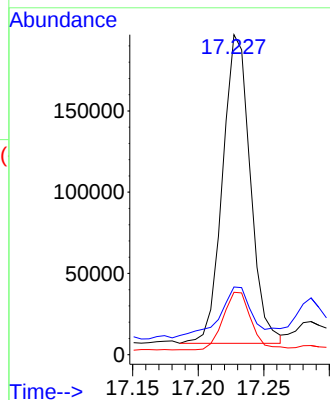
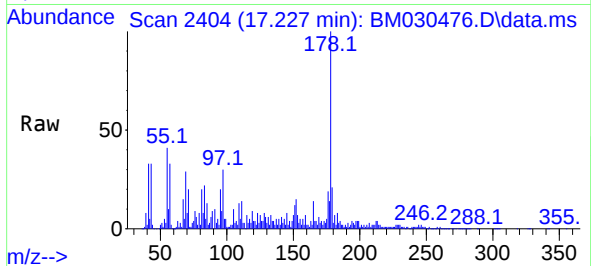
#72
Phenanthrene
Concen: 5.881 ng/u1
RT: 17.227 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM030476.D
Acq: 16 Jun 2021 21:10

Tgt Ion:178 Resp: 279433
Ion Ratio Lower Upper
178 100
179 21.2 12.2 18.2#
176 19.5 15.0 22.6

Instrument :
BNA_M
ClientSampleId :
BG5Q1

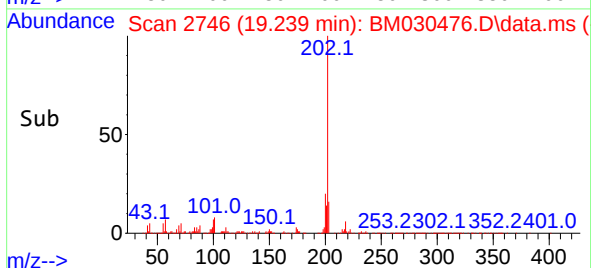
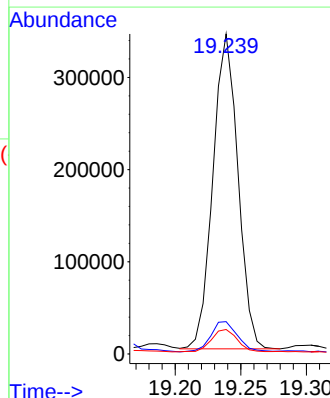
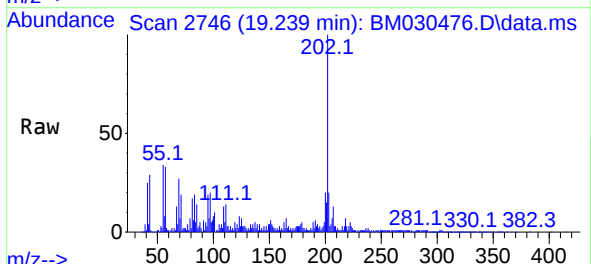
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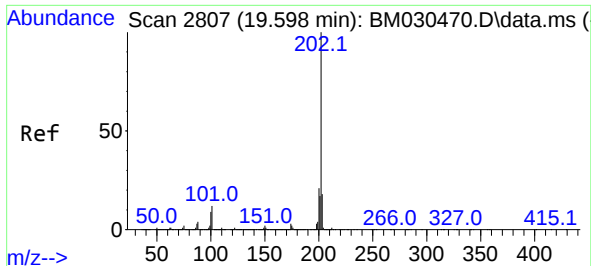
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#80
Fluoranthene
Concen: 7.098 ng/u1
RT: 19.239 min Scan# 2746
Delta R.T. 0.006 min
Lab File: BM030476.D
Acq: 16 Jun 2021 21:10

Tgt Ion:202 Resp: 452804
Ion Ratio Lower Upper
202 100
101 10.1 8.7 13.1
100 7.7 6.6 10.0





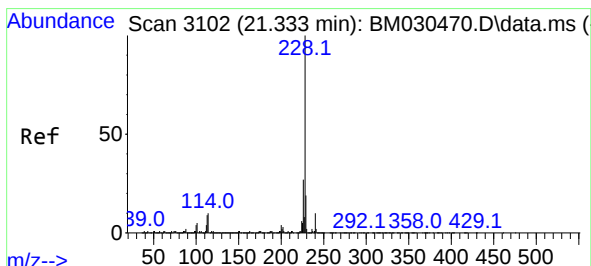
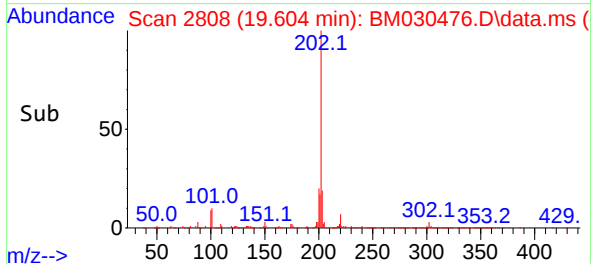
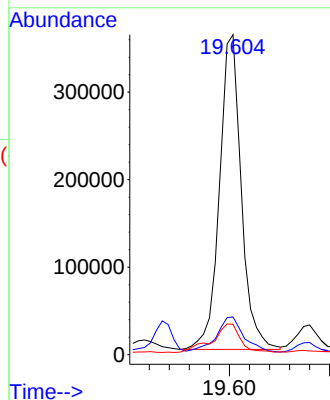
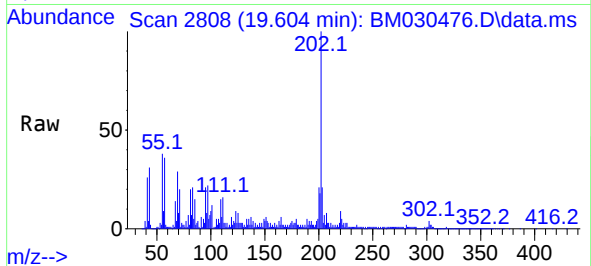
#82
Pyrene
Concen: 8.042 ng/ul
RT: 19.604 min Scan# 2808
Delta R.T. 0.006 min
Lab File: BM030476.D
Acq: 16 Jun 2021 21:10

Instrument :
BNA_M
ClientSampleId :
BG5Q1

Tgt Ion:202 Resp: 542550
Ion Ratio Lower Upper
202 100
101 11.8 10.8 16.2
100 9.5 9.1 13.7

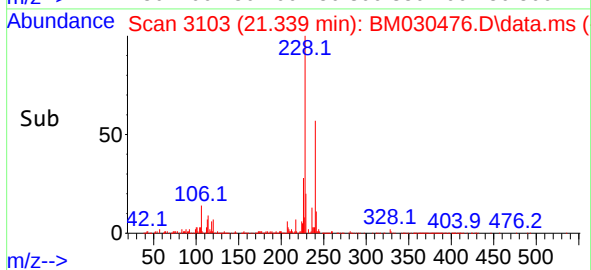
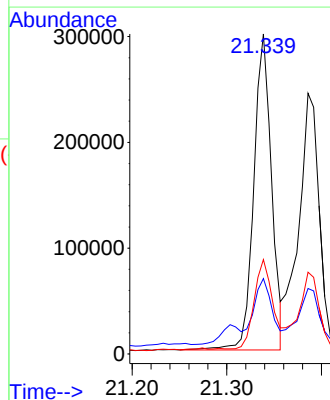
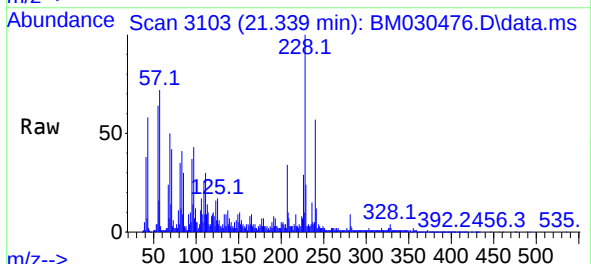
Manual Integrations
APPROVED

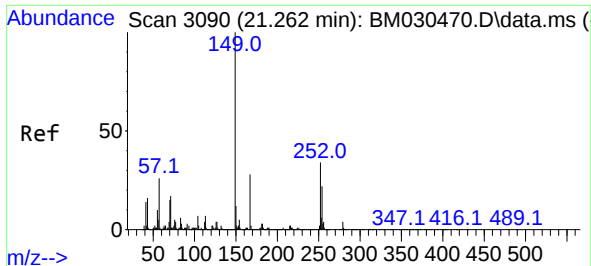
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#85
Benzo(a)anthracene
Concen: 6.504 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BM030476.D
Acq: 16 Jun 2021 21:10

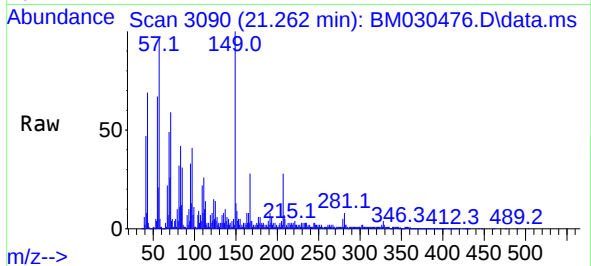
Tgt Ion:228 Resp: 389764
Ion Ratio Lower Upper
228 100
229 23.6 15.6 23.4#
226 29.5 22.2 33.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 10.523 ng/ul
RT: 21.262 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BM030476.D
Acq: 16 Jun 2021 21:10

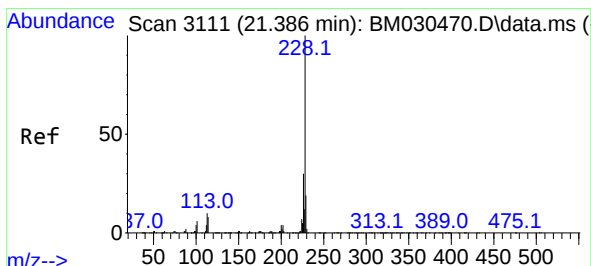
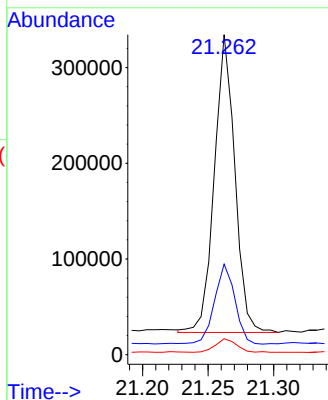
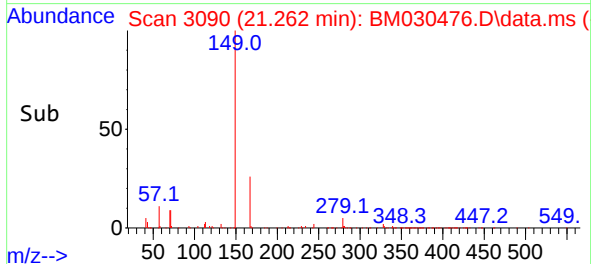
Instrument :
BNA_M
ClientSampleId :
BG5Q1



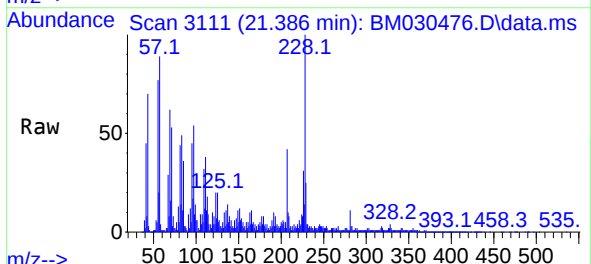
Tgt Ion:149 Resp: 337999
Ion Ratio Lower Upper
149 100
167 28.3 20.9 31.3
279 5.0 3.0 4.6#

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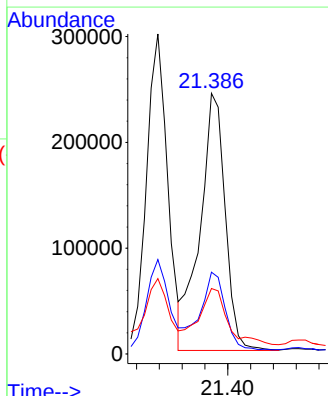
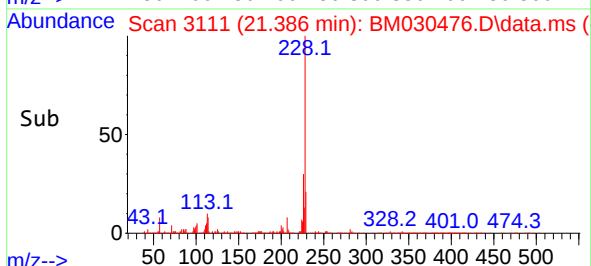
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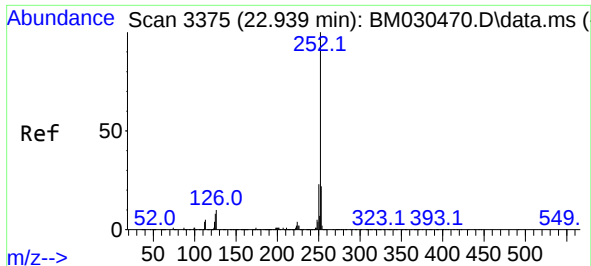


#87
Chrysene
Concen: 6.325 ng/ul m
RT: 21.386 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM030476.D
Acq: 16 Jun 2021 21:10



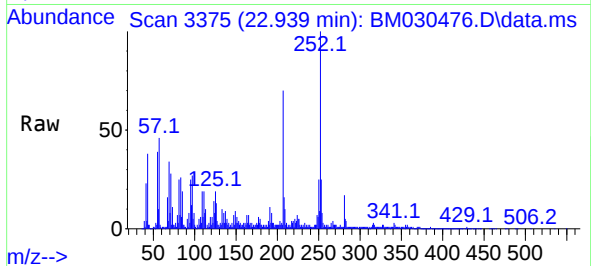
Tgt Ion:228 Resp: 373779
Ion Ratio Lower Upper
228 100
226 31.4 24.2 36.2
229 25.1 15.8 23.6#





#90
Benzo(b)fluoranthene
Concen: 8.172 ng/ul
RT: 22.939 min Scan# 3375
Delta R.T. 0.006 min
Lab File: BM030476.D
Acq: 16 Jun 2021 21:10

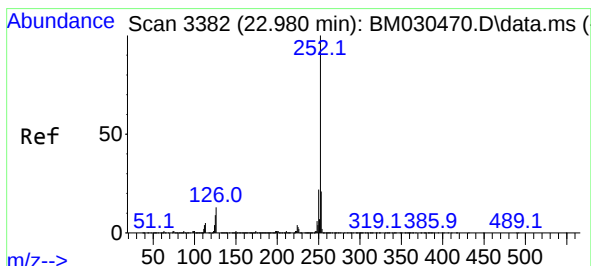
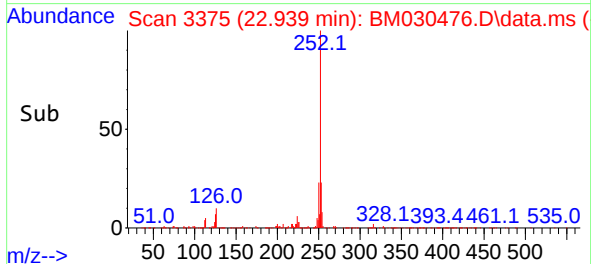
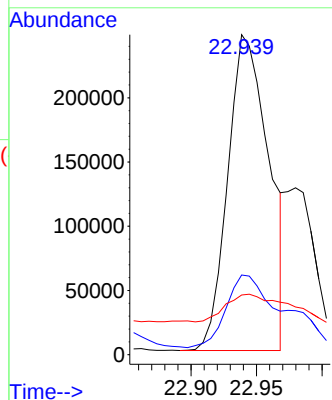
Instrument :
BNA_M
ClientSampled :
BG5Q1



Tgt Ion:252 Resp: 536702
Ion Ratio Lower Upper
252 100
253 24.9 18.0 27.0
125 18.7 8.6 13.0#

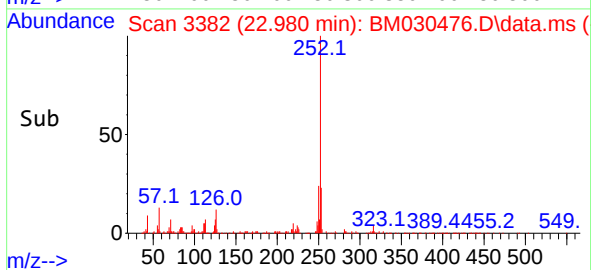
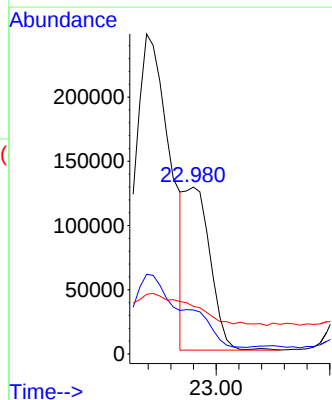
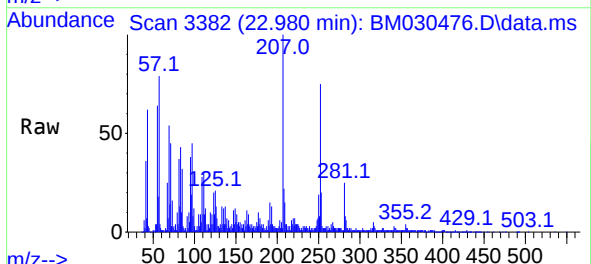
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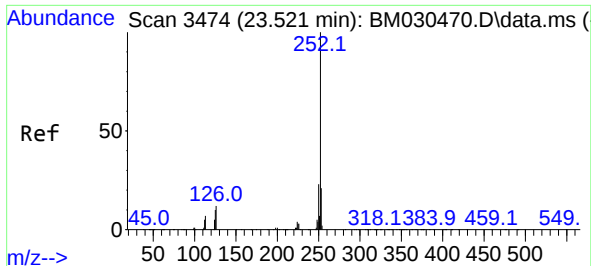
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#91
Benzo(k)fluoranthene
Concen: 3.171 ng/ul m
RT: 22.980 min Scan# 3382
Delta R.T. 0.006 min
Lab File: BM030476.D
Acq: 16 Jun 2021 21:10

Tgt Ion:252 Resp: 198925
Ion Ratio Lower Upper
252 100
253 26.4 17.9 26.9
125 28.6 8.4 12.6#





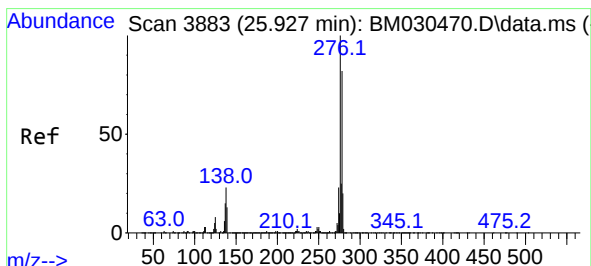
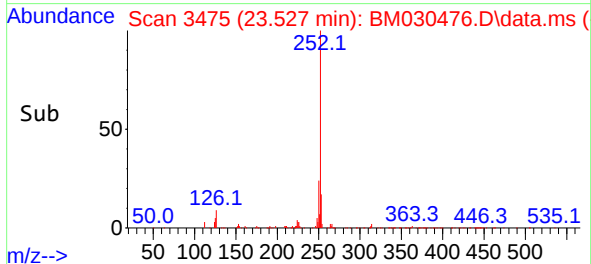
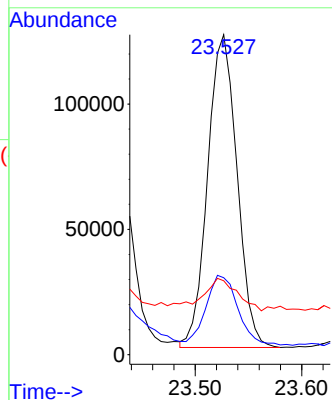
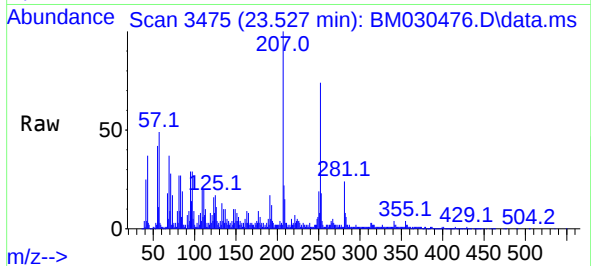
#93
Benzo(a)pyrene
Concen: 4.162 ng/u1
RT: 23.527 min Scan# 3475
Delta R.T. 0.012 min
Lab File: BM030476.D
Acq: 16 Jun 2021 21:10

Instrument :
BNA_M
ClientSampled :
BG5Q1

Tgt Ion:252 Resp: 238910
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 23.1 9.5 14.3#

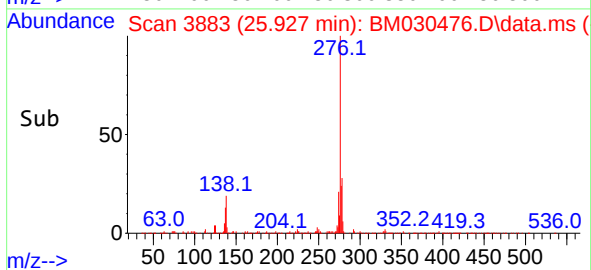
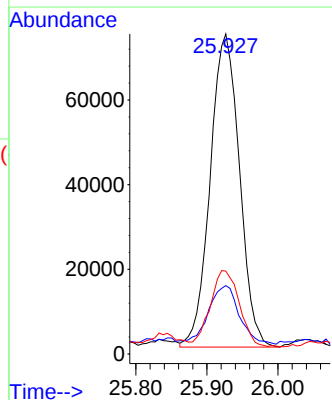
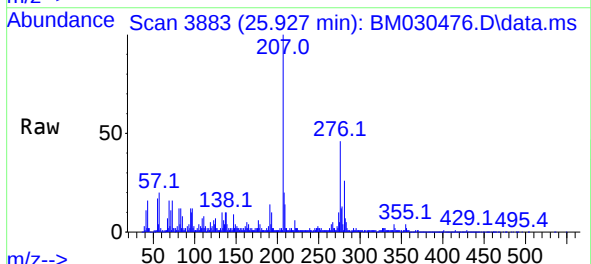
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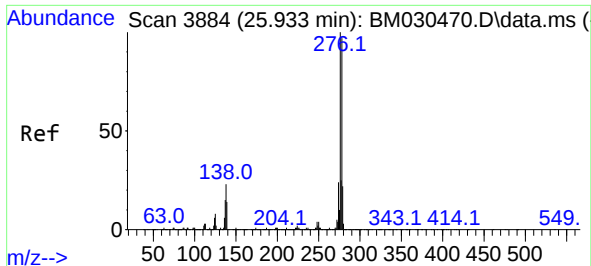
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#94
Indeno(1,2,3-cd)pyrene
Concen: 3.001 ng/u1
RT: 25.927 min Scan# 3883
Delta R.T. 0.012 min
Lab File: BM030476.D
Acq: 16 Jun 2021 21:10

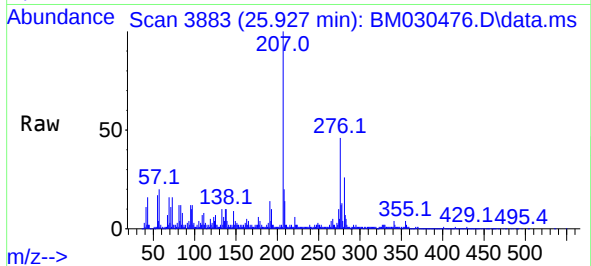
Tgt Ion:276 Resp: 212015
Ion Ratio Lower Upper
276 100
138 21.4 21.8 32.6#
277 25.9 20.3 30.5





#95
 Dibenzo(a,h)anthracene
 Concen: 1.162 ng/ul
 RT: 25.927 min Scan# 3883
 Delta R.T. 0.000 min
 Lab File: BM030476.D
 Acq: 16 Jun 2021 21:10

Instrument :
 BNA_M
 ClientSampleId :
 BG5Q1



Tgt Ion: 278 Resp: 69106
 Ion Ratio Lower Upper
 278 100
 139 28.1 13.4 20.2#
 279 31.5 18.6 28.0#

Manual Integrations
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