

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
 Data File : BM030469.D
 Acq On : 16 Jun 2021 15:43
 Operator : CG/JU
 Sample : M2596-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG5Q8

Manual Integrations
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Quant Time: Jun 16 16:13:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 16 10:51:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	173147	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	641033	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	377867	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	766524	20.000	ng/u1	0.00
79) Chrysene-d12	21.350	240	859524	20.000	ng/u1	0.00
88) Perylene-d12	23.621	264	945956	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	12014	2.649	ng/uL	0.00
4) Pyridine-d5	3.728	84	90452	7.591	ng/u1	0.01
7) Phenol-d5	6.993	99	194044	12.894	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	127906	13.169	ng/u1	0.00
11) 2-Chlorophenol-d4	7.357	132	164812	15.144	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	125574	10.448	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	73567	16.766	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	71600	16.429	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	138989	14.641	ng/u1	0.00
31) 4-Chloroaniline-d4	10.751	131	132573	9.135	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	413504	15.946	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	517357	15.970	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	18243	3.758	ng/u1	0.02
60) Fluorene-d10	15.439	176	382743	16.487	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	8199	1.853	ng/u1	0.00
73) Anthracene-d10	17.280	188	567893	16.289	ng/u1	0.00
81) Pyrene-d10	19.568	212	393297	8.742	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.474	264	242081	5.132	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.663	128	126986	3.908	ng/u1	97
36) 2-Methylnaphthalene	12.269	142	81210	3.513	ng/u1	96
37) 1-Methylnaphthalene	12.492	142	51897	2.212	ng/u1	95
50) Acenaphthylene	14.169	152	117015	3.782	ng/u1	98
52) Acenaphthene	14.510	153	53713	2.337	ng/u1	96
56) Dibenzofuran	14.845	168	70574	2.207	ng/u1	94
61) Fluorene	15.492	166	94122	3.505	ng/u1	99
72) Phenanthrene	17.227	178	1589375	38.348	ng/u1	99
74) Anthracene	17.315	178	331747	7.931	ng/u1	99
77) Carbazole	17.586	167	83914	2.259	ng/u1	98
80) Fluoranthene	19.233	202	2179703	39.430	ng/u1	99
82) Pyrene	19.598	202	1134720	19.410	ng/u1	96
85) Benzo(a)anthracene	21.333	228	1265121	24.360	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.262	149	187608	6.740	ng/u1#	97
87) Chrysene	21.386	228	1153924	22.534	ng/u1	98
90) Benzo(b)fluoranthene	22.939	252	1389338	22.849	ng/u1	98
91) Benzo(k)fluoranthene	22.980	252	484579m	8.343	ng/u1	
93) Benzo(a)pyrene	23.521	252	257332	4.842	ng/u1	93
94) Indeno(1,2,3-cd)pyrene	25.921	276	278715	4.261	ng/u1	94
95) Dibenzo(a,h)anthracene	25.921	278	190375	3.457	ng/u1#	94

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

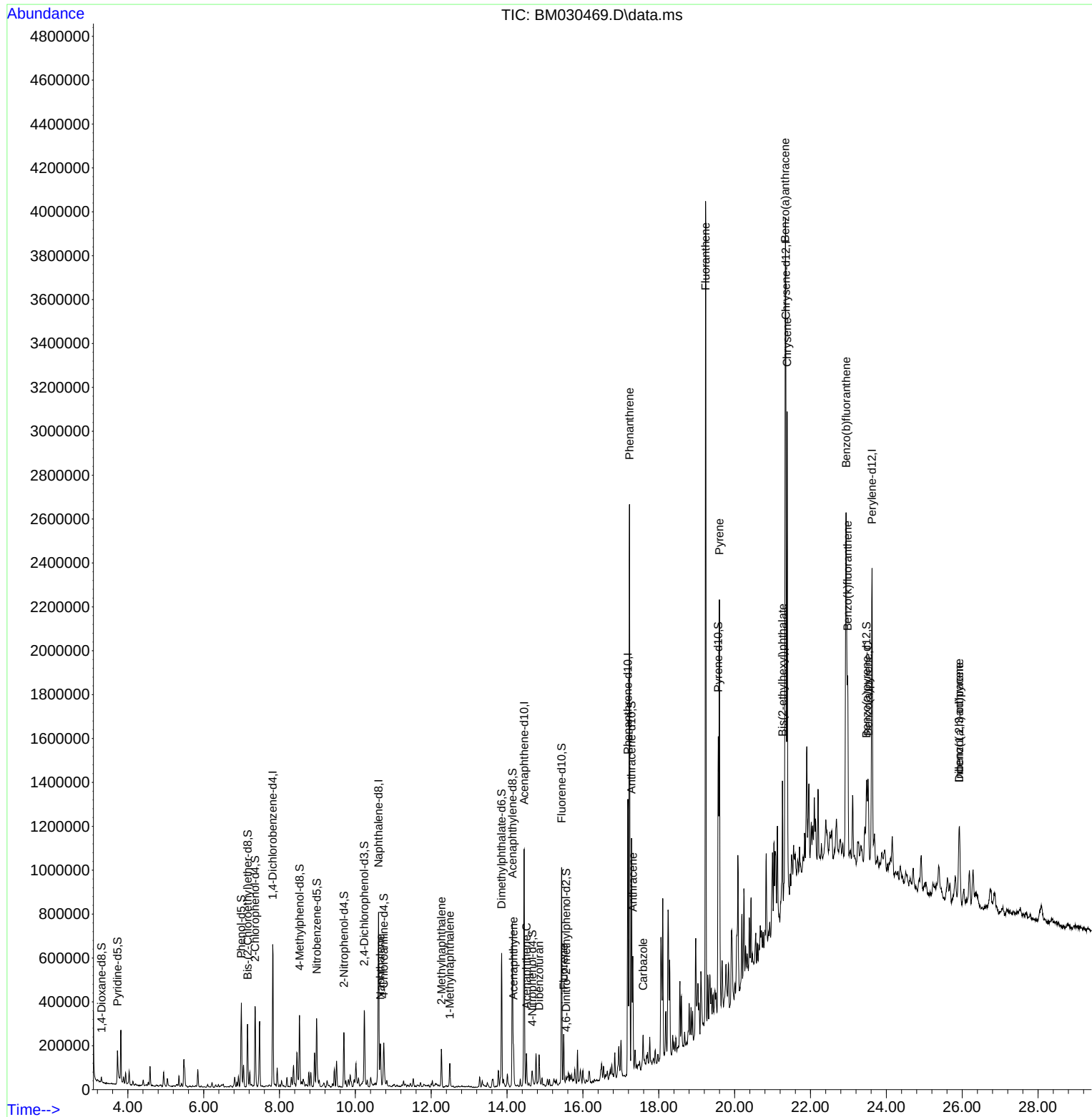
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
Data File : BM030469.D
Acq On : 16 Jun 2021 15:43
Operator : CG/JU
Sample : M2596-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

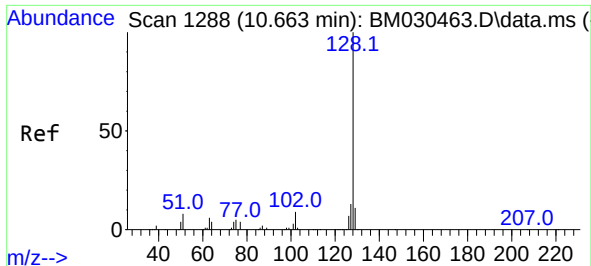
Instrument :
BNA_M
ClientSampleId :
BG5Q8

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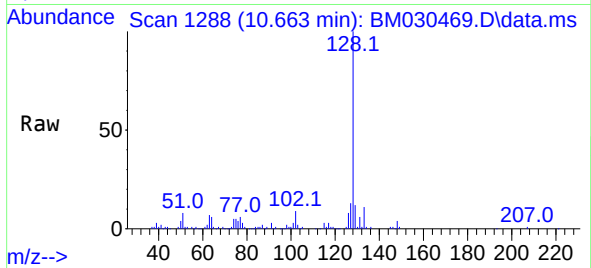
Quant Time: Jun 16 16:13:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 16 10:51:23 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 3.908 ng/ul
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM030469.D
Acq: 16 Jun 2021 15:43

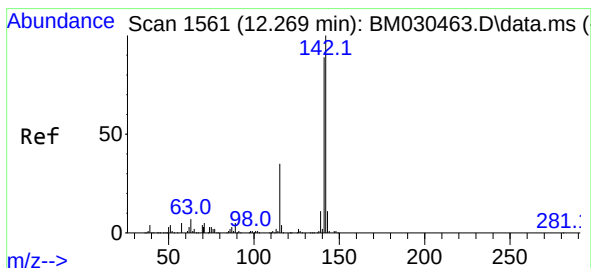
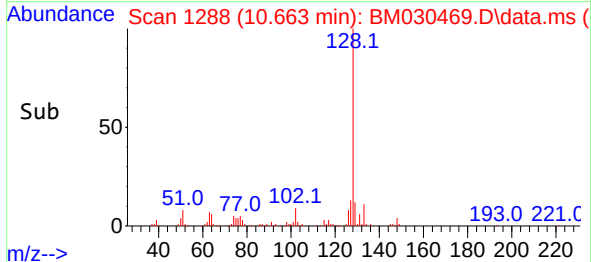
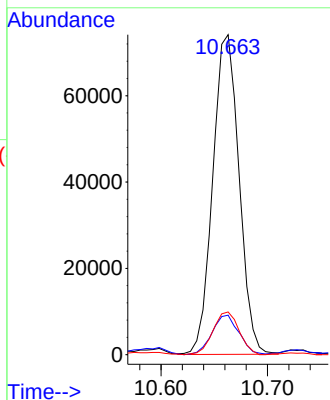
Instrument :
BNA_M
ClientSampled :
BG5Q8



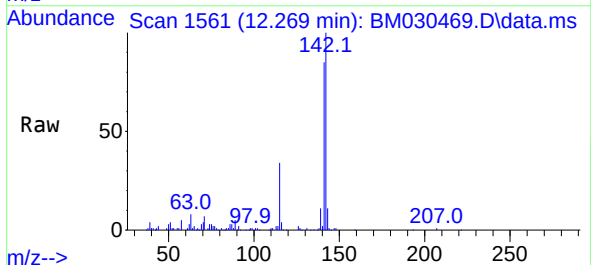
Tgt Ion:128 Resp: 126986
Ion Ratio Lower Upper
128 100
129 12.3 8.6 13.0
127 13.3 10.2 15.2

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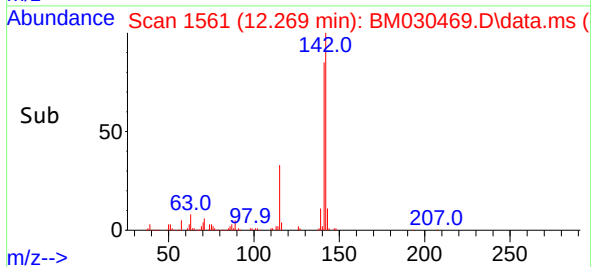
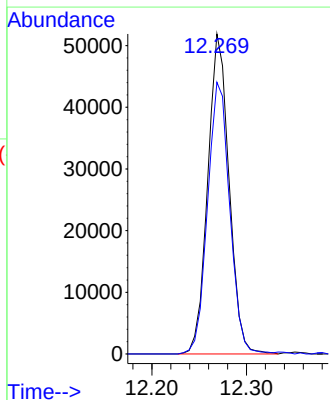
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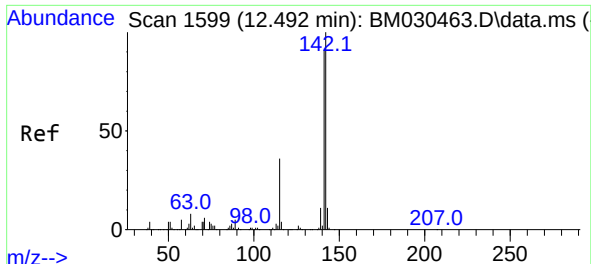


#36
2-Methylnaphthalene
Concen: 3.513 ng/ul
RT: 12.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BM030469.D
Acq: 16 Jun 2021 15:43



Tgt Ion:142 Resp: 81210
Ion Ratio Lower Upper
142 100
141 84.9 70.8 106.2





#37
1-Methylnaphthalene
Concen: 2.212 ng/ul
RT: 12.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BM030469.D
Acq: 16 Jun 2021 15:43

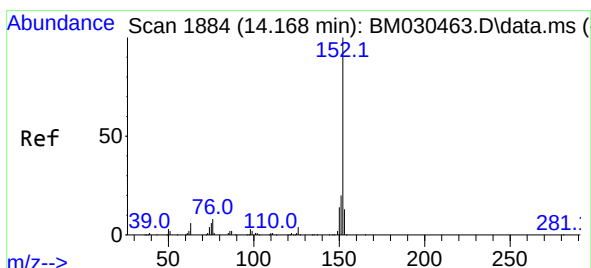
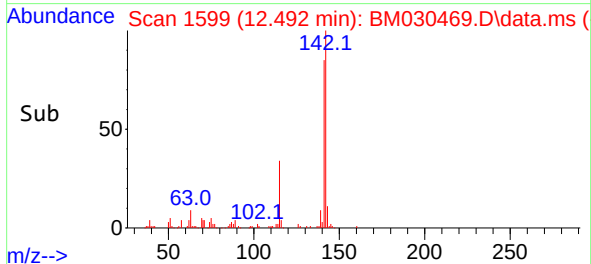
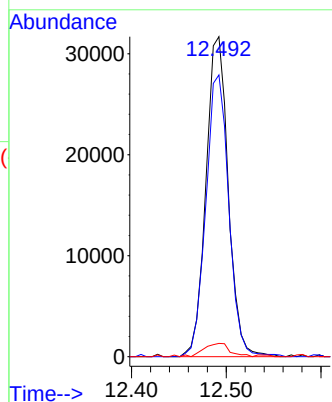
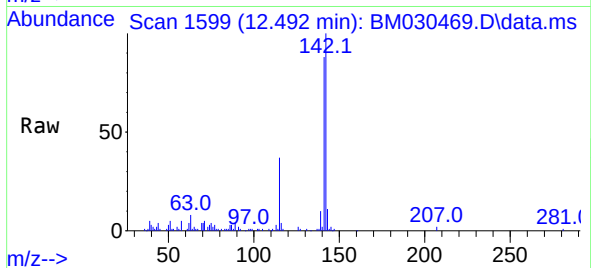
Tgt Ion:142 Resp: 51897

Ion	Ratio	Lower	Upper
142	100		
141	88.1	74.2	111.2
116	4.1	3.3	4.9

Instrument :
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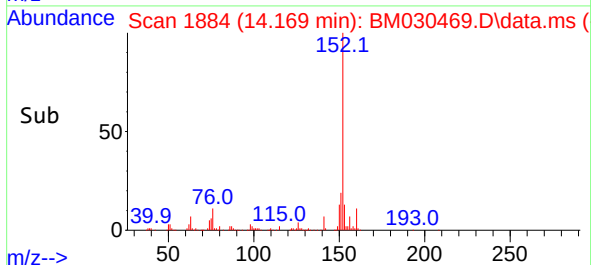
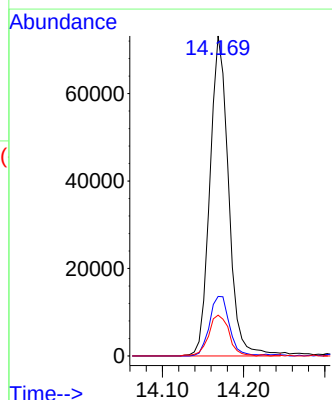
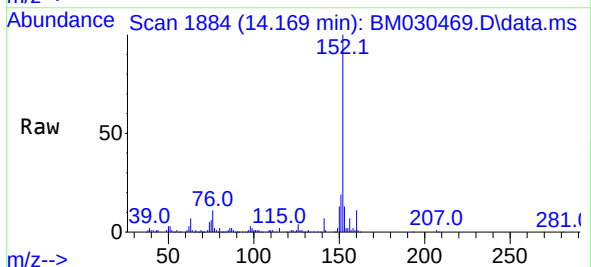
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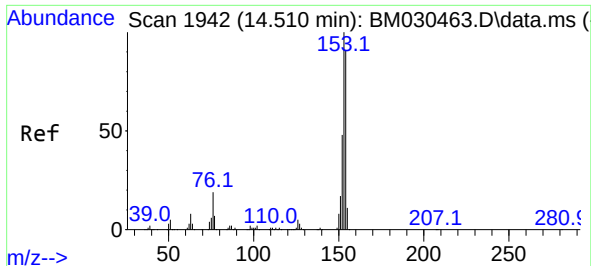


#50
Acenaphthylene
Concen: 3.782 ng/ul
RT: 14.169 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BM030469.D
Acq: 16 Jun 2021 15:43

Tgt Ion:152 Resp: 117015

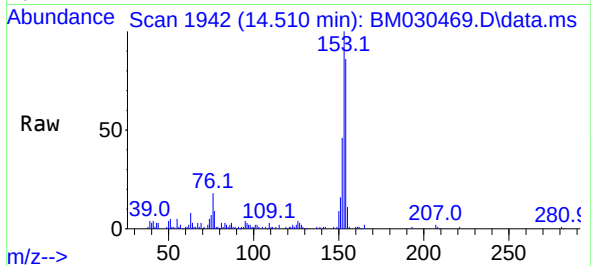
Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.9	23.9
153	12.8	10.5	15.7





#52
Acenaphthene
Concen: 2.337 ng/ul
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM030469.D
Acq: 16 Jun 2021 15:43

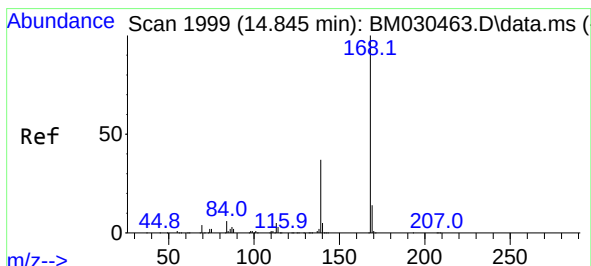
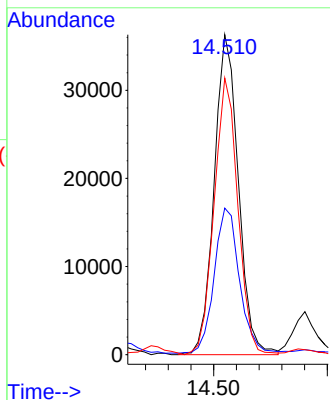
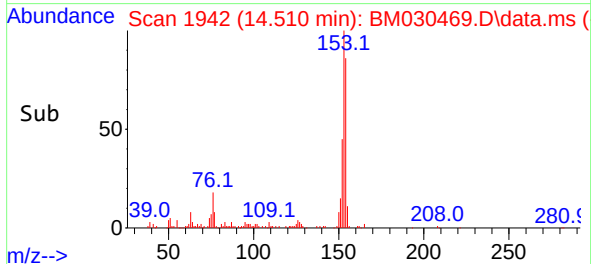
Instrument :
BNA_M
ClientSampled :
BG5Q8



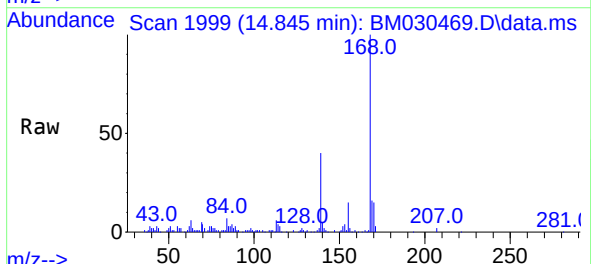
Tgt Ion:153 Resp: 53713
Ion Ratio Lower Upper
153 100
152 45.8 39.0 58.4
154 86.4 71.7 107.5

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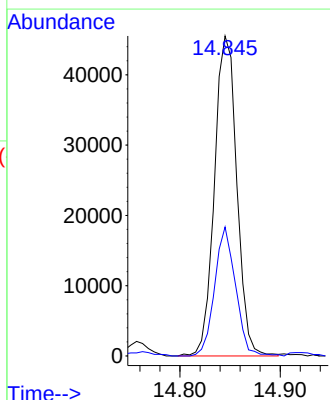
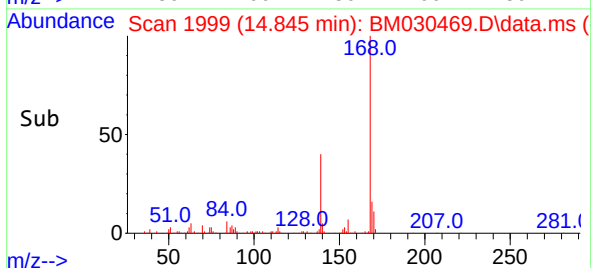
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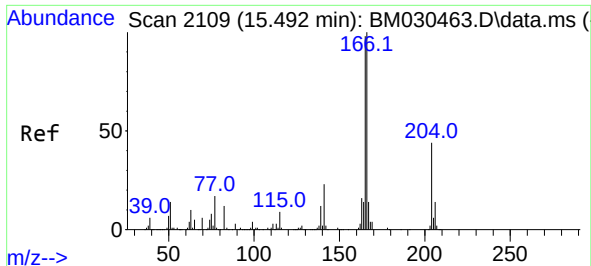


#56
Dibenzofuran
Concen: 2.207 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BM030469.D
Acq: 16 Jun 2021 15:43

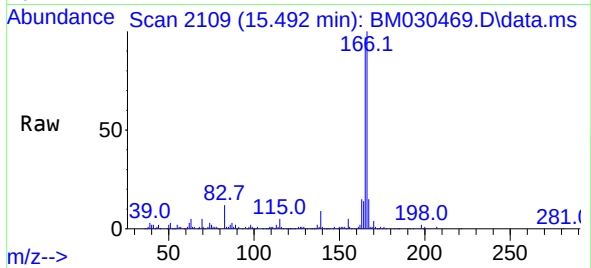


Tgt Ion:168 Resp: 70574
Ion Ratio Lower Upper
168 100
139 40.3 29.4 44.0

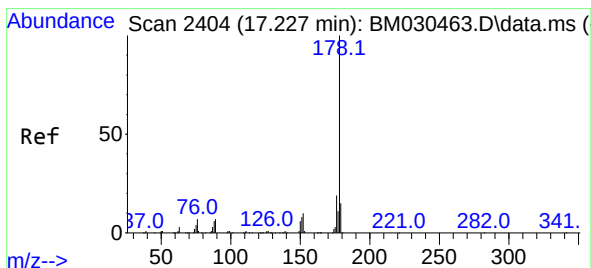
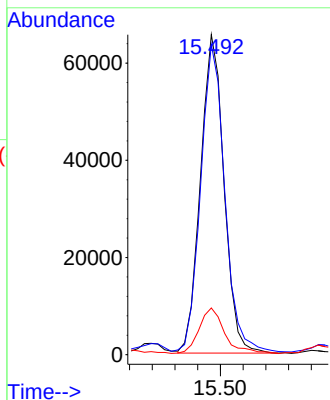
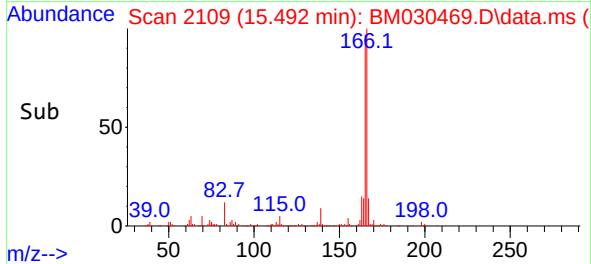




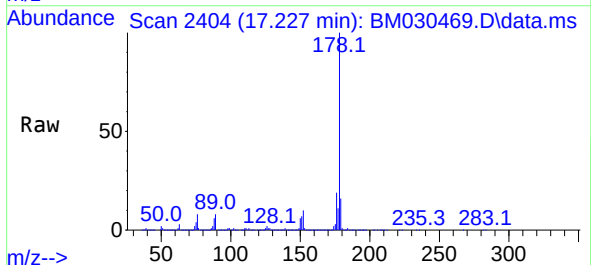
#61
Fluorene
Concen: 3.505 ng/u1
RT: 15.492 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM030469.D
Acq: 16 Jun 2021 15:43



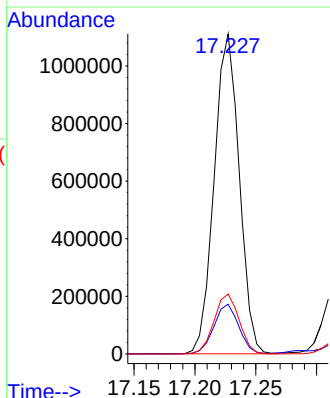
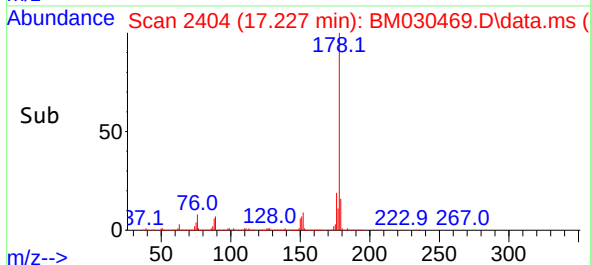
Tgt Ion:166 Resp: 94122
Ion Ratio Lower Upper
166 100
165 97.0 77.0 115.6
167 14.6 10.5 15.7



#72
Phenanthrene
Concen: 38.348 ng/u1
RT: 17.227 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM030469.D
Acq: 16 Jun 2021 15:43



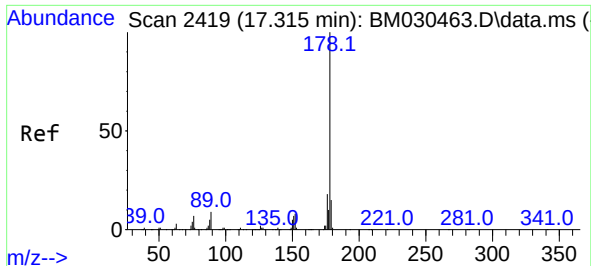
Tgt Ion:178 Resp: 1589375
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 18.7 15.0 22.6



Instrument :
BNA_M
ClientSampled :
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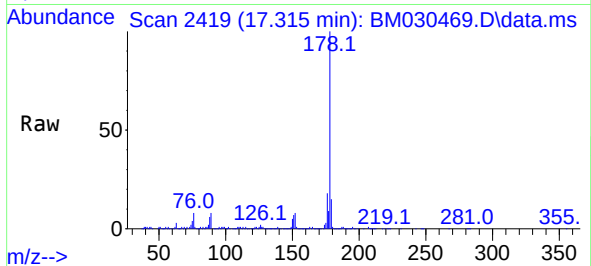
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#74
 Anthracene
 Concen: 7.931 ng/u1
 RT: 17.315 min Scan# 2419
 Delta R.T. 0.000 min
 Lab File: BM030469.D
 Acq: 16 Jun 2021 15:43

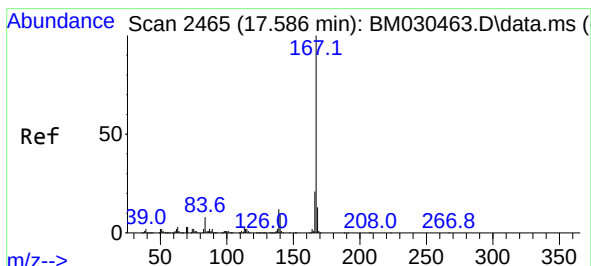
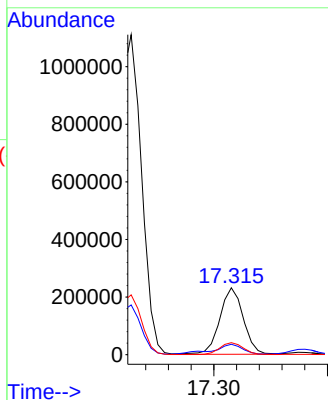
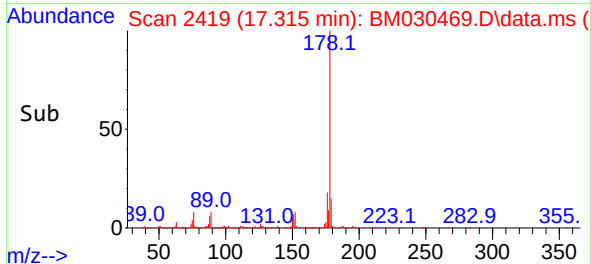
Instrument :
 BNA_M
 ClientSampled :
 BG5Q8



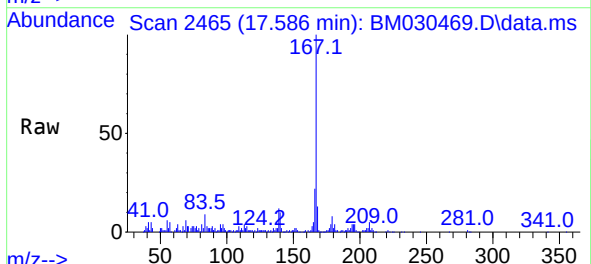
Tgt Ion:178 Resp: 331747
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.5 18.7
 176 18.1 15.0 22.4

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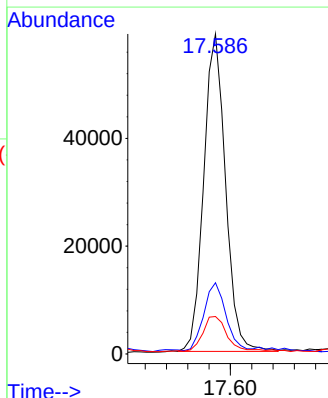
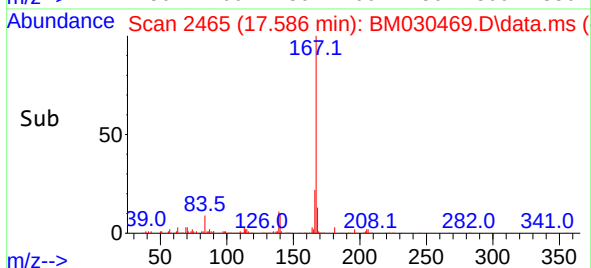
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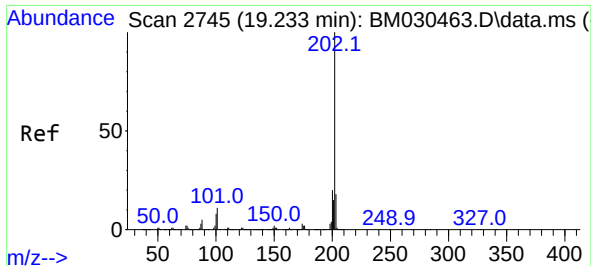


#77
 Carbazole
 Concen: 2.259 ng/u1
 RT: 17.586 min Scan# 2465
 Delta R.T. 0.000 min
 Lab File: BM030469.D
 Acq: 16 Jun 2021 15:43



Tgt Ion:167 Resp: 83914
 Ion Ratio Lower Upper
 167 100
 166 22.2 16.7 25.1
 139 11.7 9.8 14.8





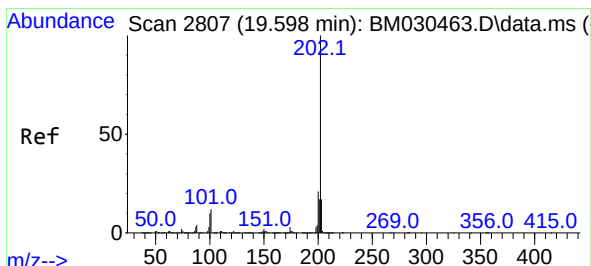
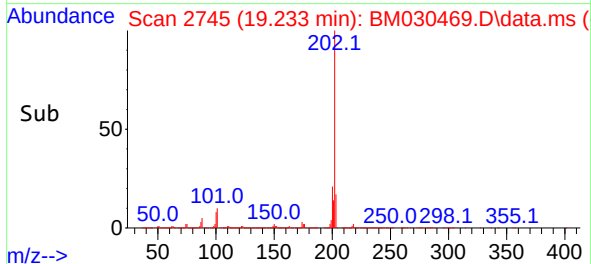
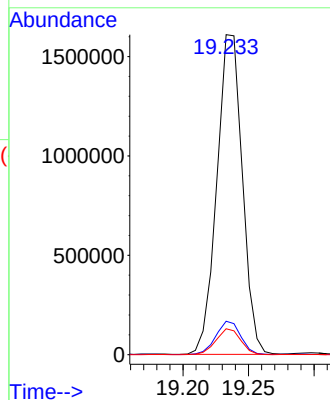
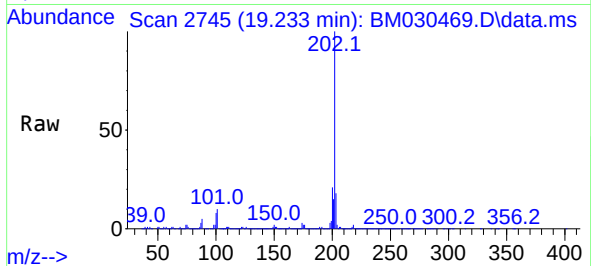
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Fluoranthene
Concen: 39.430 ng/u1
RT: 19.233 min Scan# 2745
Delta R.T. 0.000 min
Lab File: BM030469.D
Acq: 16 Jun 2021 15:43

Tgt Ion:202 Resp: 2179703
Ion Ratio Lower Upper
202 100
101 10.4 8.7 13.1
100 8.1 6.6 10.0

Instrument :
BNA_M
ClientSampleId :
BG5Q8

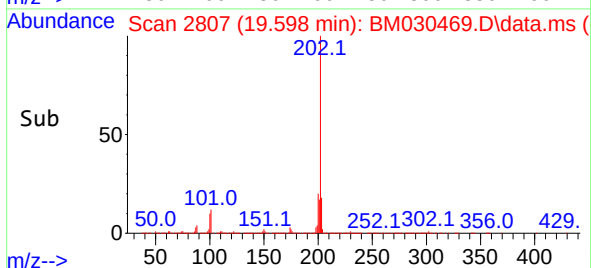
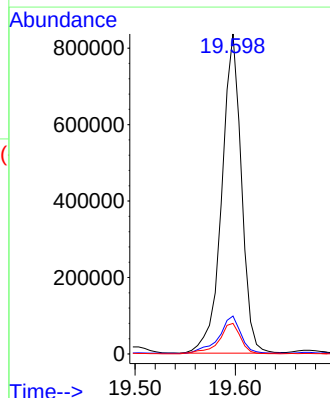
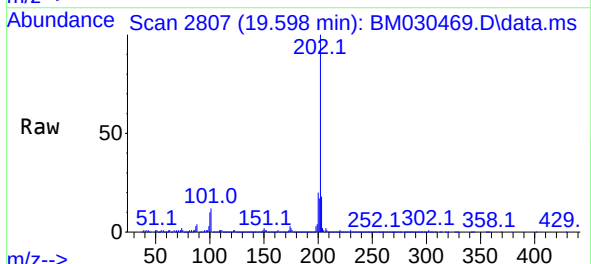
Manual Integrations
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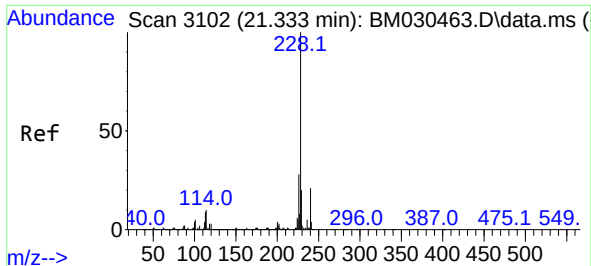
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#82
Pyrene
Concen: 19.410 ng/u1
RT: 19.598 min Scan# 2807
Delta R.T. 0.000 min
Lab File: BM030469.D
Acq: 16 Jun 2021 15:43

Tgt Ion:202 Resp: 1134720
Ion Ratio Lower Upper
202 100
101 11.8 10.8 16.2
100 9.6 9.1 13.7





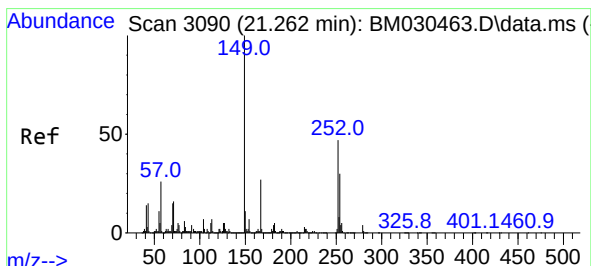
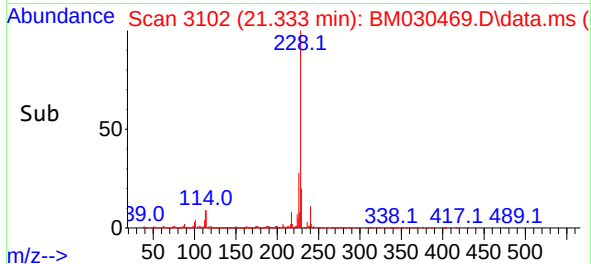
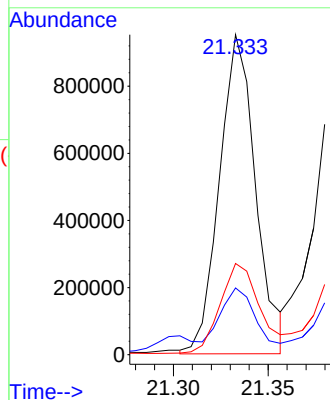
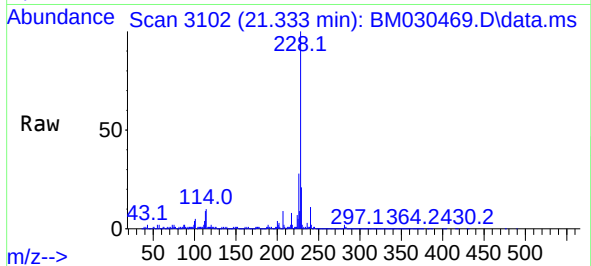
#85
Benzo(a)anthracene
Concen: 24.360 ng/ul
RT: 21.333 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM030469.D
Acq: 16 Jun 2021 15:43

Instrument :
BNA_M
ClientSampled :
BG5Q8

Tgt Ion:228 Resp: 1265121
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 28.5 22.2 33.2

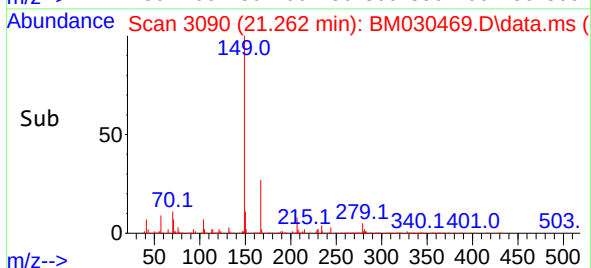
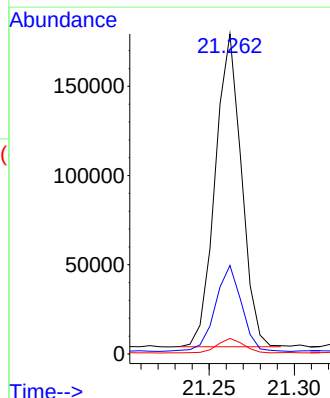
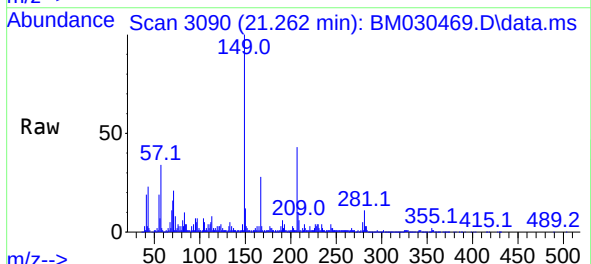
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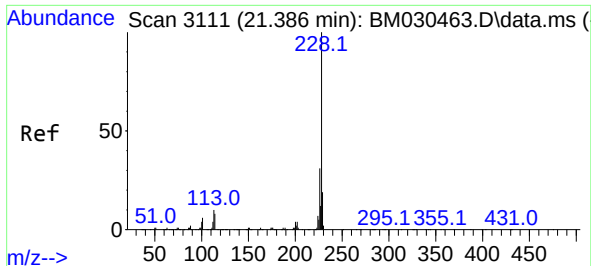
mohammad
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#86
Bis(2-ethylhexyl)phthalate
Concen: 6.740 ng/ul
RT: 21.262 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BM030469.D
Acq: 16 Jun 2021 15:43

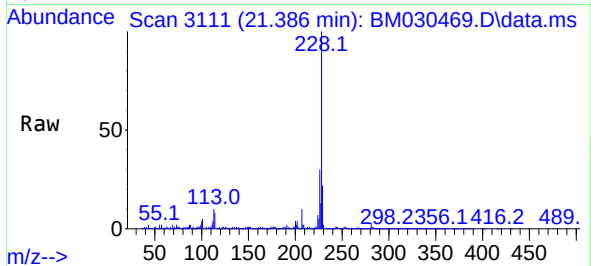
Tgt Ion:149 Resp: 187608
Ion Ratio Lower Upper
149 100
167 27.7 20.9 31.3
279 4.8 3.0 4.6#





#87
Chrysene
Concen: 22.534 ng/u1
RT: 21.386 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM030469.D
Acq: 16 Jun 2021 15:43

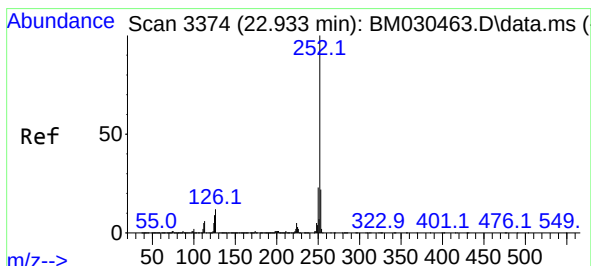
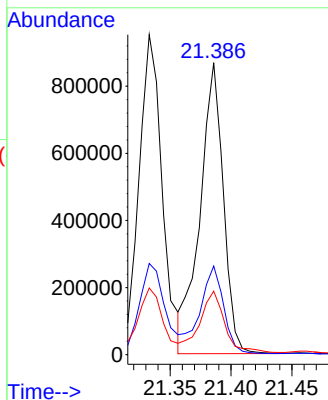
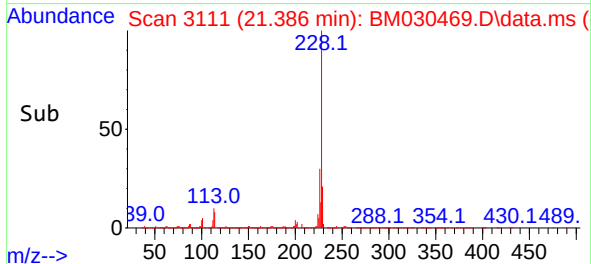
Instrument :
BNA_M
ClientSampleId :
BG5Q8



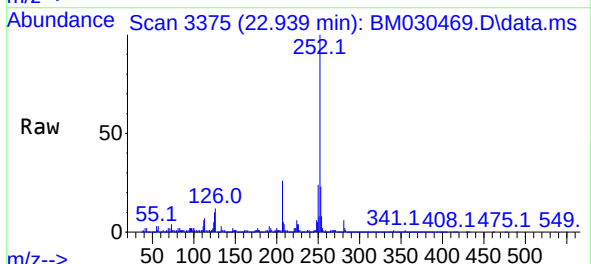
Tgt Ion:228 Resp: 1153924
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 21.7 15.8 23.6

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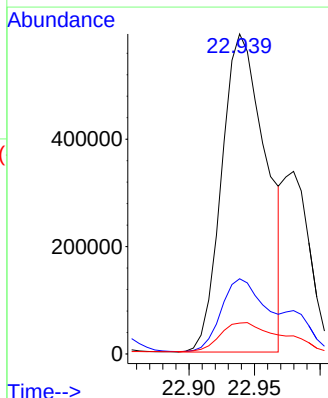
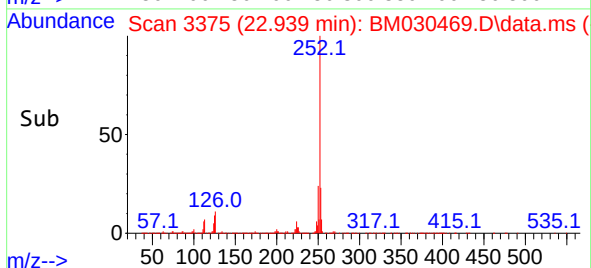
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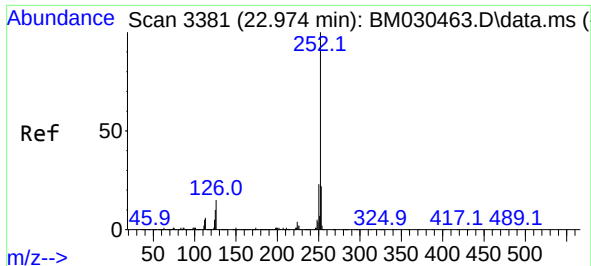


#90
Benzo(b)fluoranthene
Concen: 22.849 ng/u1
RT: 22.939 min Scan# 3375
Delta R.T. 0.006 min
Lab File: BM030469.D
Acq: 16 Jun 2021 15:43



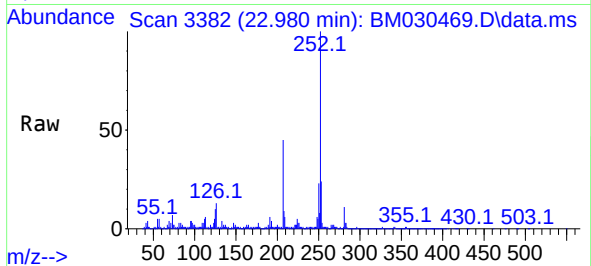
Tgt Ion:252 Resp: 1389338
Ion Ratio Lower Upper
252 100
253 23.5 18.0 27.0
125 9.6 8.6 13.0





#91
Benzo(k)fluoranthene
Concen: 8.343 ng/ul m
RT: 22.980 min Scan# 3382
Delta R.T. 0.006 min
Lab File: BM030469.D
Acq: 16 Jun 2021 15:43

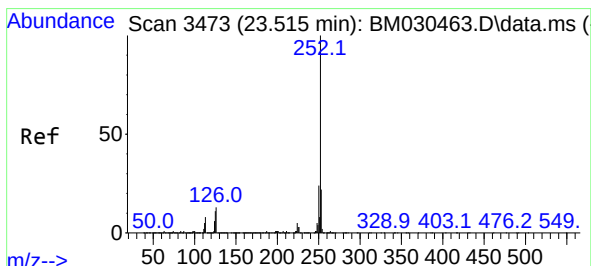
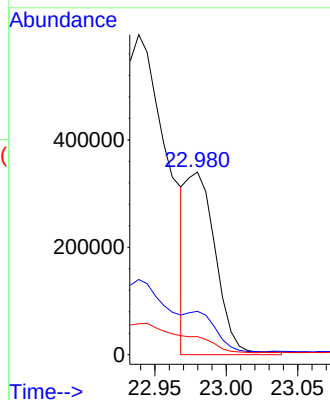
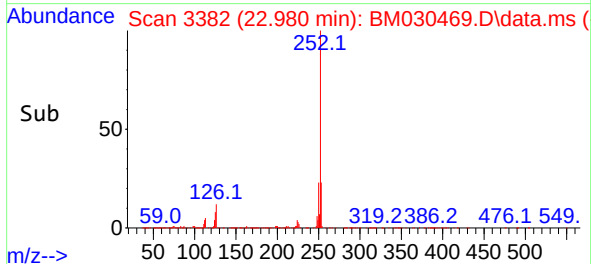
Instrument :
BNA_M
ClientSampled :
BG5Q8



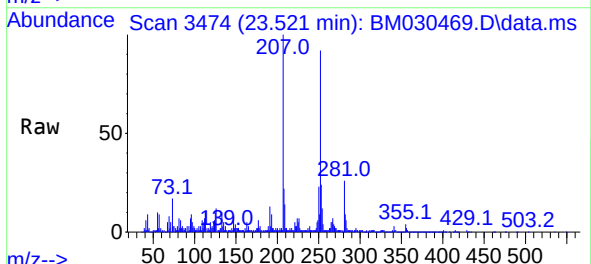
Tgt Ion:252 Resp: 484579
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 9.9 8.4 12.6

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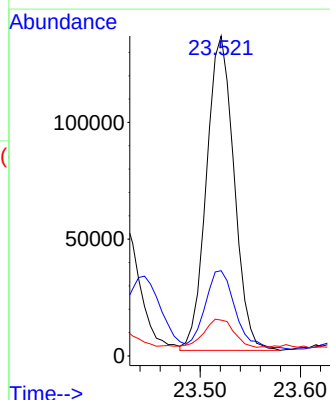
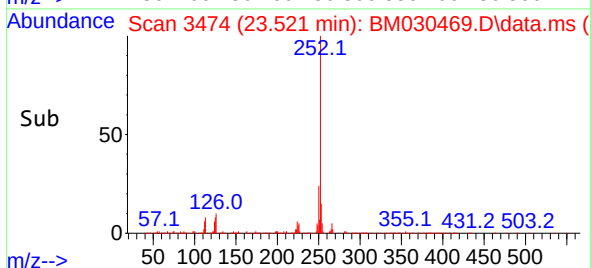
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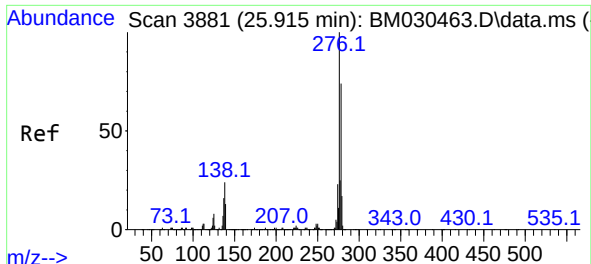


#93
Benzo(a)pyrene
Concen: 4.842 ng/ul
RT: 23.521 min Scan# 3474
Delta R.T. 0.006 min
Lab File: BM030469.D
Acq: 16 Jun 2021 15:43



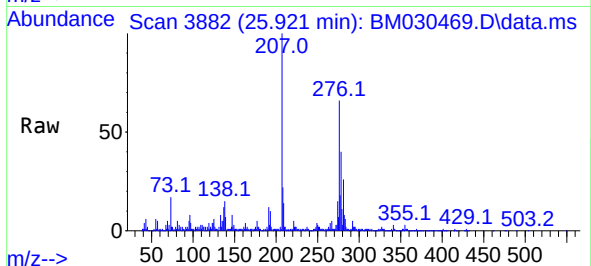
Tgt Ion:252 Resp: 257332
Ion Ratio Lower Upper
252 100
253 26.6 17.8 26.8
125 11.2 9.5 14.3





#94
Indeno(1,2,3-cd)pyrene
Concen: 4.261 ng/ul
RT: 25.921 min Scan# 3882
Delta R.T. 0.006 min
Lab File: BM030469.D
Acq: 16 Jun 2021 15:43

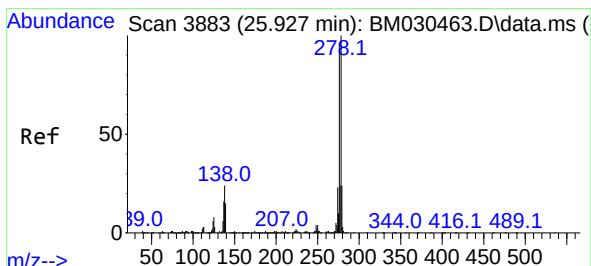
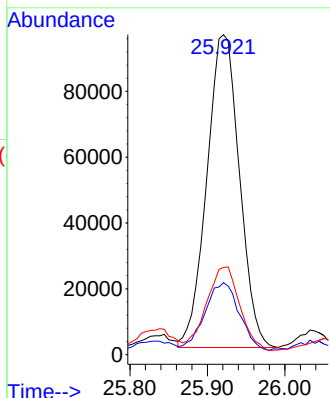
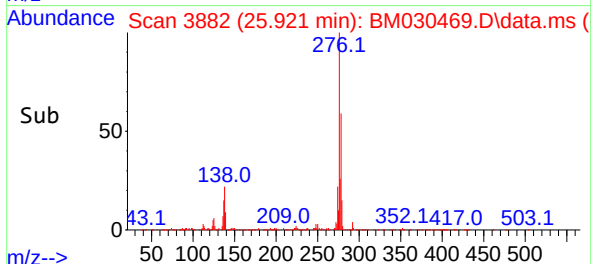
Instrument :
BNA_M
ClientSampled :
BG5Q8



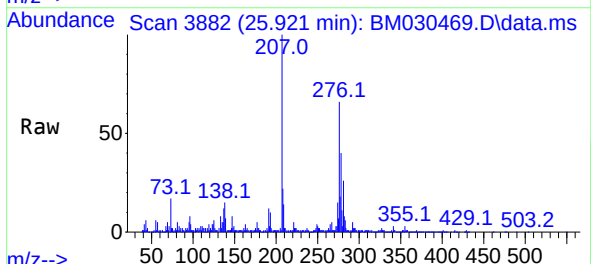
Tgt Ion:276 Resp: 278715
Ion Ratio Lower Upper
276 100
138 22.5 21.8 32.6
277 27.2 20.3 30.5

Manual Integrations
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mohammad
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#95
Dibenzo(a,h)anthracene
Concen: 3.457 ng/ul
RT: 25.921 min Scan# 3882
Delta R.T. -0.006 min
Lab File: BM030469.D
Acq: 16 Jun 2021 15:43



Tgt Ion:278 Resp: 190375
Ion Ratio Lower Upper
278 100
139 17.1 13.4 20.2
279 28.1 18.6 28.0#

