

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
 Data File : BM030466.D
 Acq On : 16 Jun 2021 13:52
 Operator : CG/JU
 Sample : M2596-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG5P8

Manual Integrations
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Quant Time: Jun 16 14:24:05 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	175160	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	655927	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	392548	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	808311	20.000	ng/u1	0.00
79) Chrysene-d12	21.345	240	926496	20.000	ng/u1	0.00
88) Perylene-d12	23.621	264	1027530	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	7946	1.732	ng/uL	0.00
4) Pyridine-d5	3.740	84	41919	3.478	ng/u1	0.02
7) Phenol-d5	6.993	99	121633	7.990	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	84079	8.557	ng/u1	0.00
11) 2-Chlorophenol-d4	7.357	132	102930	9.349	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	87333	7.183	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	43217	9.625	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	42045	9.429	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	87926	9.052	ng/u1	0.00
31) 4-Chloroaniline-d4	10.751	131	66949	4.509	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	259748	9.642	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	323334	9.608	ng/u1	0.00
54) 4-Nitrophenol-d4	14.657	143	21587	4.281	ng/u1	0.01
60) Fluorene-d10	15.433	176	249412	10.342	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	22446	4.811	ng/u1	0.00
73) Anthracene-d10	17.280	188	385254	10.479	ng/u1	0.00
81) Pyrene-d10	19.562	212	350428	7.226	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.474	264	261254	5.099	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.663	128	70974	2.135	ng/u1	98
36) 2-Methylnaphthalene	12.269	142	29447	1.245	ng/u1	94
50) Acenaphthylene	14.169	152	171908	5.348	ng/u1	98
52) Acenaphthene	14.510	153	42152	1.765	ng/u1	99
56) Dibenzofuran	14.845	168	77931	2.346	ng/u1	99
61) Fluorene	15.492	166	100634	3.607	ng/u1	97
72) Phenanthrene	17.227	178	1562123	35.742	ng/u1	99
74) Anthracene	17.315	178	296879	6.730	ng/u1	100
77) Carbazole	17.586	167	107807	2.752	ng/u1	98
80) Fluoranthene	19.233	202	2707186	45.432	ng/u1	99
82) Pyrene	19.598	202	1574830	24.991	ng/u1	96
85) Benzo(a)anthracene	21.333	228	1369472	24.463	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.262	149	64810	2.160	ng/u1#	93
87) Chrysene	21.386	228	1294866	23.458	ng/u1	98
90) Benzo(b)fluoranthene	22.939	252	1835864	27.796	ng/u1	98
91) Benzo(k)fluoranthene	22.974	252	575944m	9.129	ng/u1	
93) Benzo(a)pyrene	23.521	252	492471	8.530	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	25.921	276	496865	6.993	ng/u1	94
95) Dibenz(a,h)anthracene	25.927	278	225663	3.772	ng/u1#	89

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

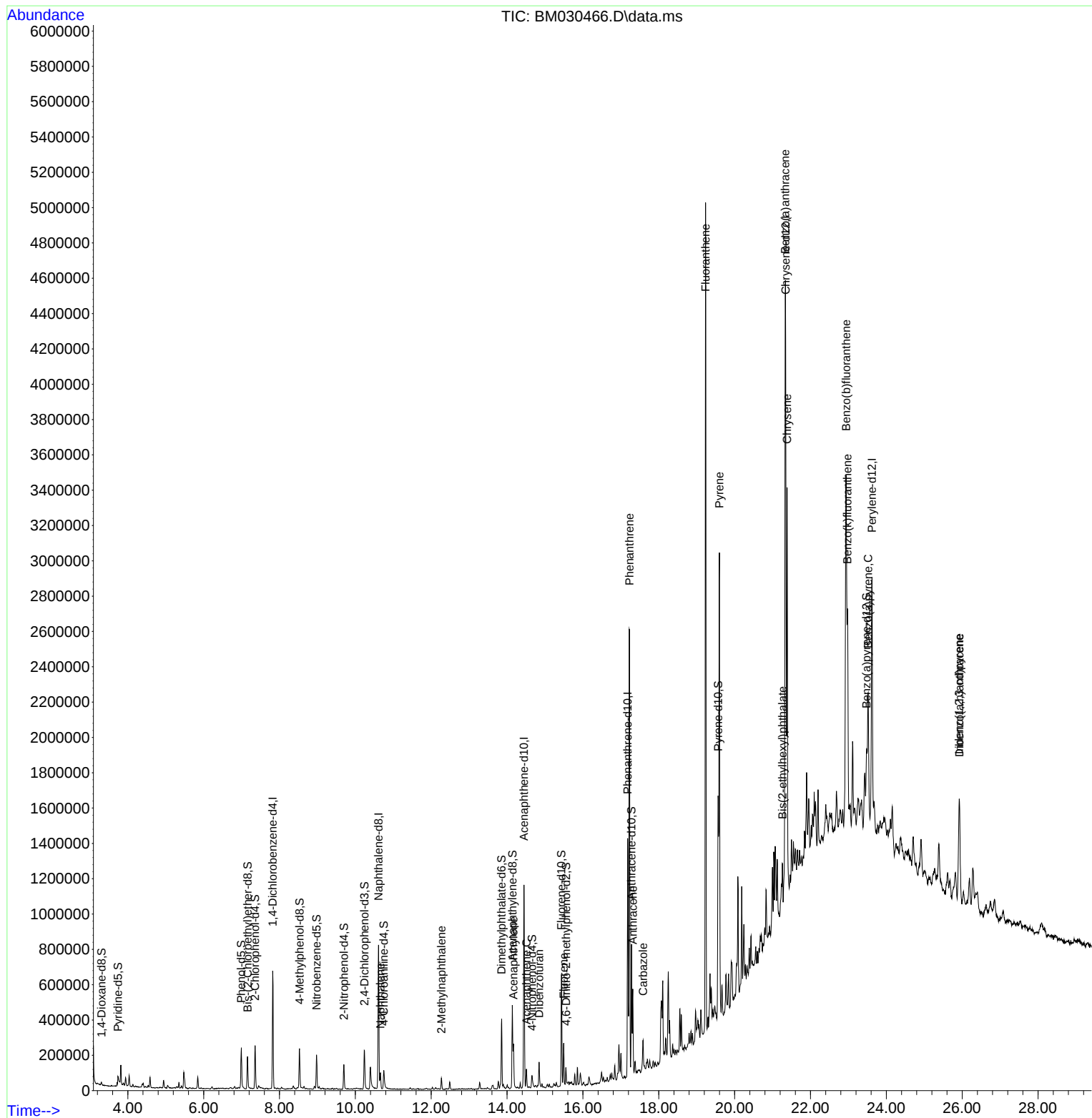
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
Data File : BM030466.D
Acq On : 16 Jun 2021 13:52
Operator : CG/JU
Sample : M2596-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

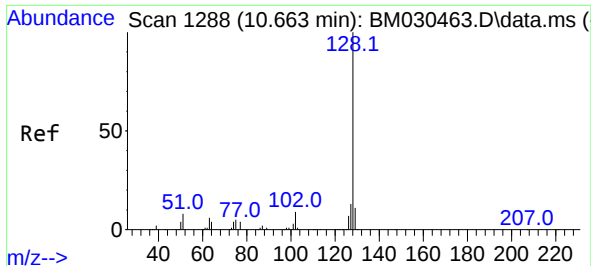
Instrument :
BNA_M
ClientSampled :
BG5P8

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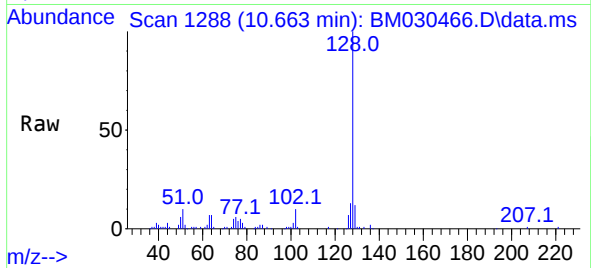
Quant Time: Jun 16 14:24:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 16 10:51:23 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 2.135 ng/ul
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM030466.D
Acq: 16 Jun 2021 13:52

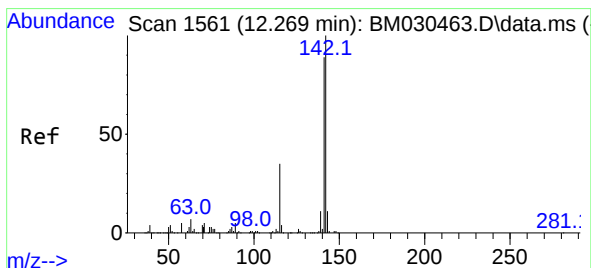
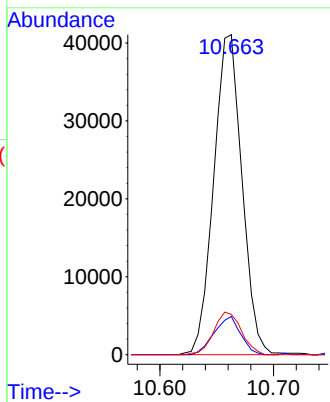
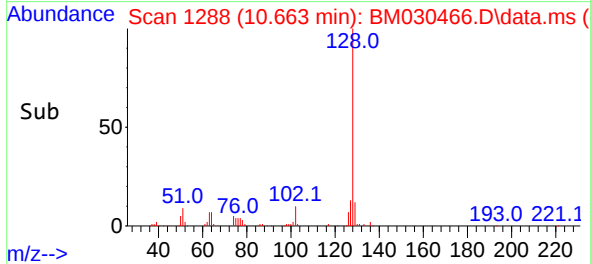
Instrument :
BNA_M
ClientSampled :
BG5P8



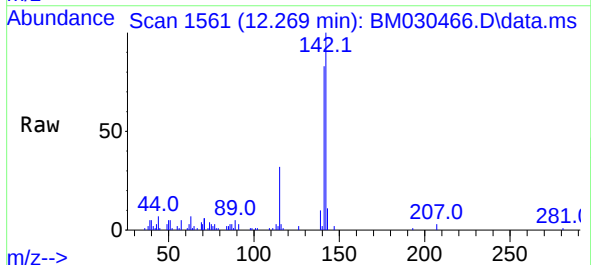
Tgt Ion:128 Resp: 70974
Ion Ratio Lower Upper
128 100
129 12.0 8.6 13.0
127 12.6 10.2 15.2

Manual Integrations
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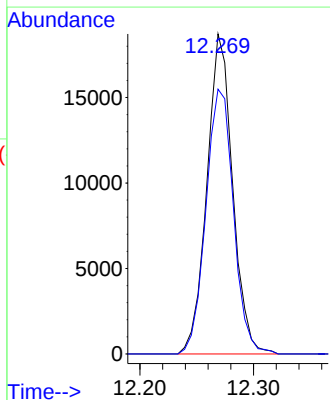
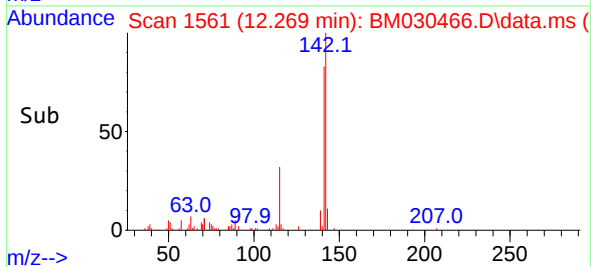
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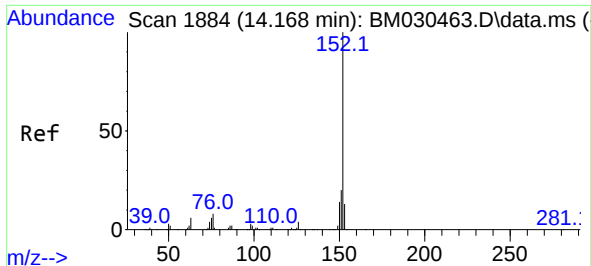


#36
2-Methylnaphthalene
Concen: 1.245 ng/ul
RT: 12.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BM030466.D
Acq: 16 Jun 2021 13:52



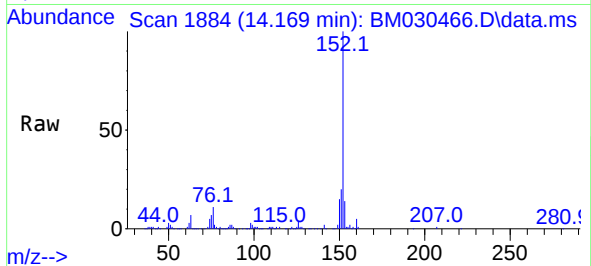
Tgt Ion:142 Resp: 29447
Ion Ratio Lower Upper
142 100
141 82.8 70.8 106.2





#50
Acenaphthylene
Concen: 5.348 ng/ul
RT: 14.169 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BM030466.D
Acq: 16 Jun 2021 13:52

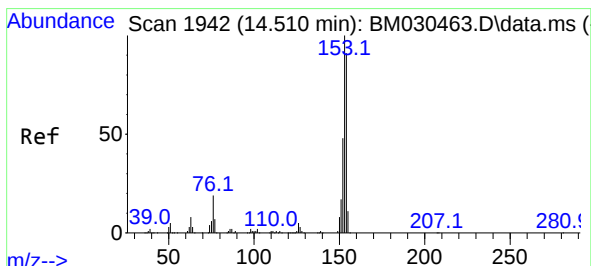
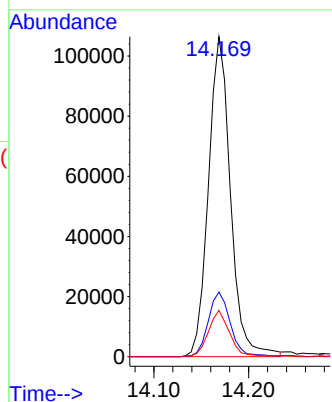
Instrument :
BNA_M
ClientSampled :
BG5P8



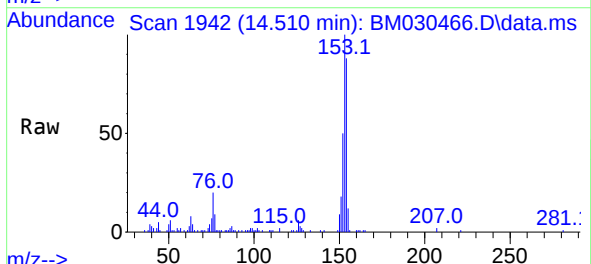
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Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 14.5 10.5 15.7

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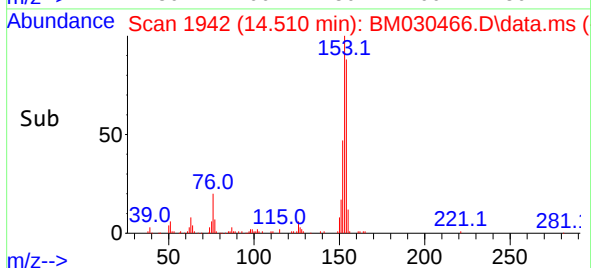
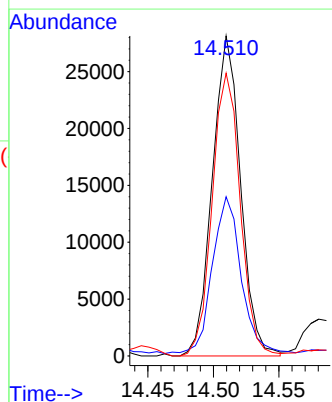
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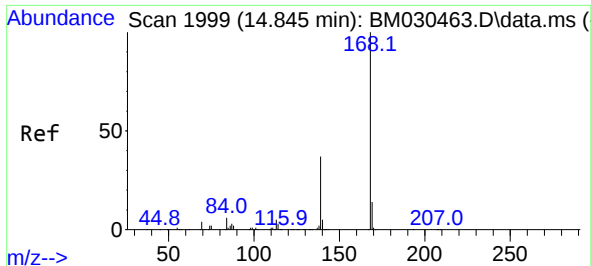


#52
Acenaphthene
Concen: 1.765 ng/ul
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM030466.D
Acq: 16 Jun 2021 13:52



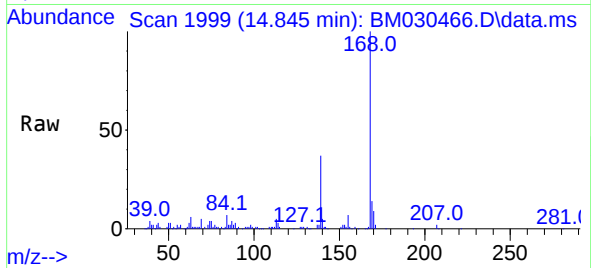
Tgt Ion:153 Resp: 42152
Ion Ratio Lower Upper
153 100
152 49.8 39.0 58.4
154 88.4 71.7 107.5





#56
Dibenzenofuran
Concen: 2.346 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BM030466.D
Acq: 16 Jun 2021 13:52

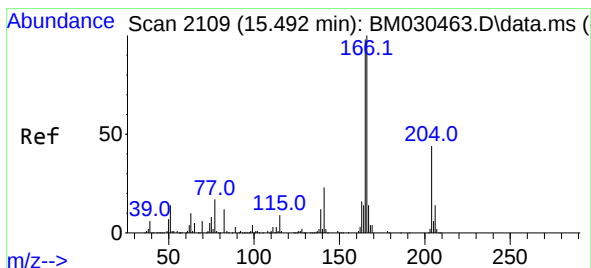
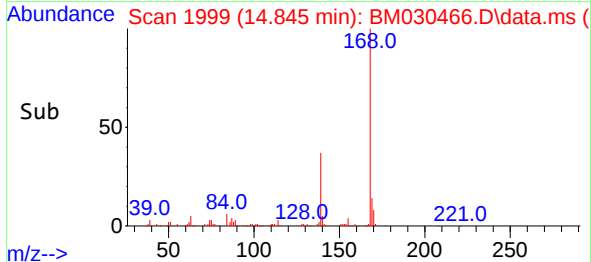
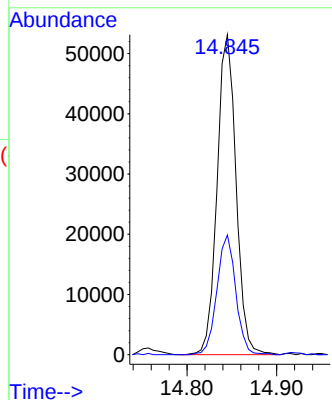
Instrument :
BNA_M
ClientSampled :
BG5P8



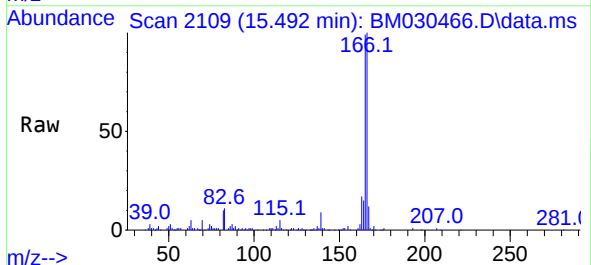
Tgt Ion:168 Resp: 77931
Ion Ratio Lower Upper
168 100
139 37.4 29.4 44.0

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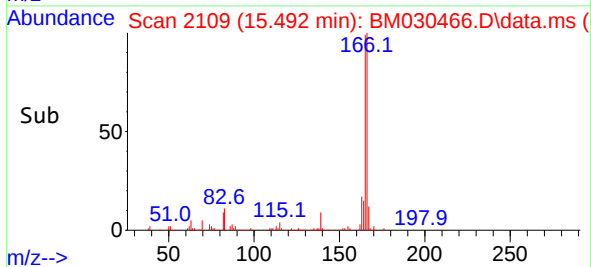
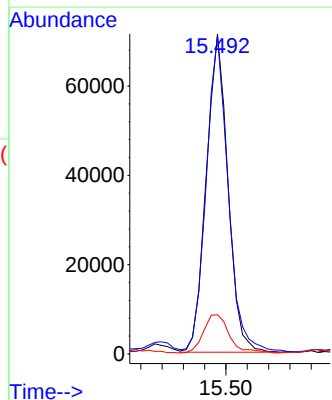
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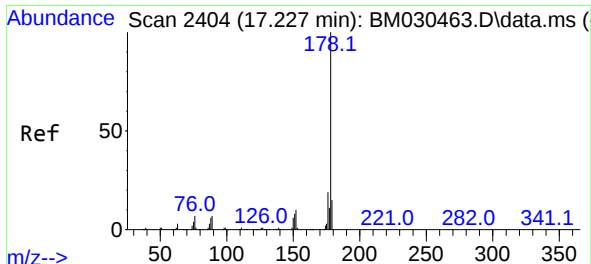


#61
Fluorene
Concen: 3.607 ng/ul
RT: 15.492 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM030466.D
Acq: 16 Jun 2021 13:52



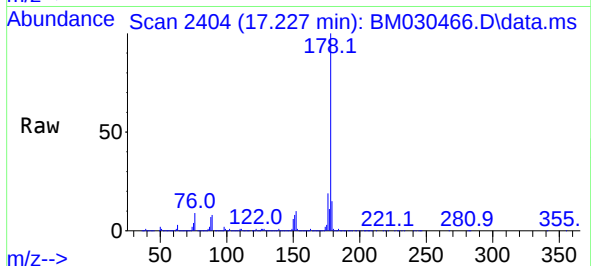
Tgt Ion:166 Resp: 100634
Ion Ratio Lower Upper
166 100
165 99.4 77.0 115.6
167 12.3 10.5 15.7





#72
Phenanthrene
Concen: 35.742 ng/u1
RT: 17.227 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM030466.D
Acq: 16 Jun 2021 13:52

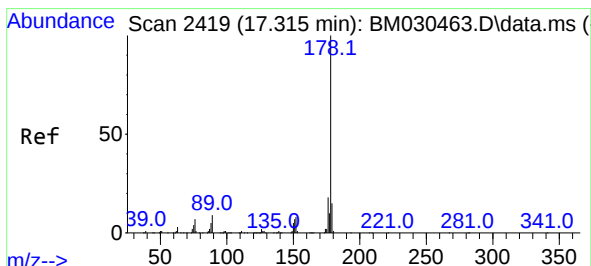
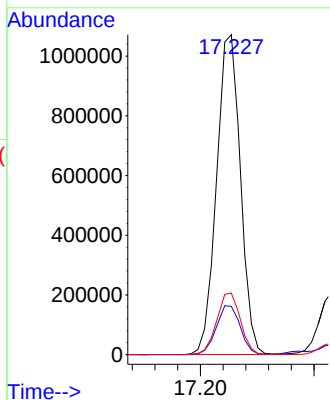
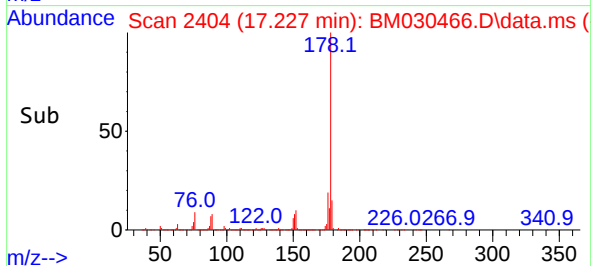
Instrument :
BNA_M
ClientSampleId :
BG5P8



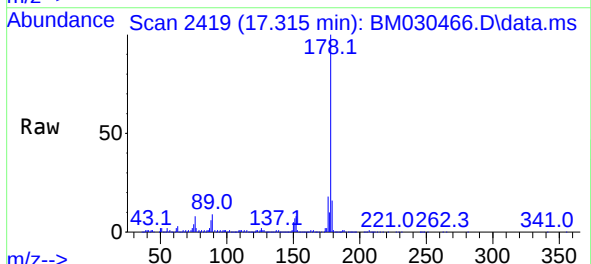
Tgt Ion:178 Resp: 1562123
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.2
176 19.2 15.0 22.6

Manual Integrations
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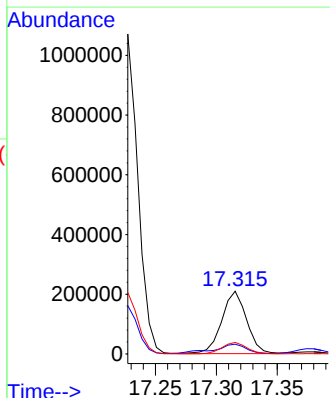
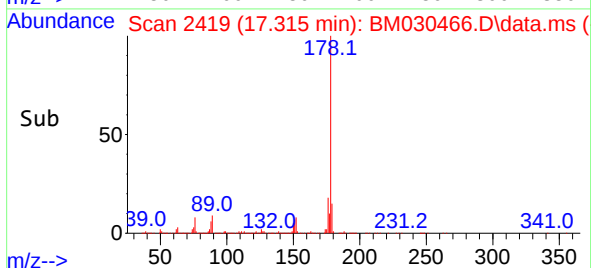
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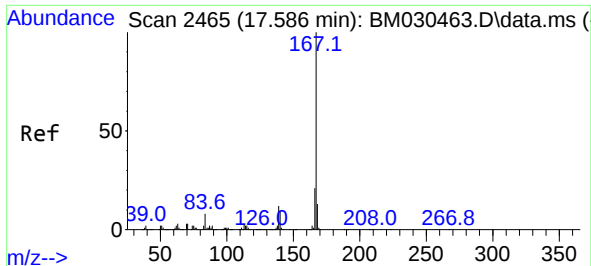


#74
Anthracene
Concen: 6.730 ng/u1
RT: 17.315 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BM030466.D
Acq: 16 Jun 2021 13:52



Tgt Ion:178 Resp: 296879
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 18.5 15.0 22.4





#77
 Carbazole
 Concen: 2.752 ng/u1
 RT: 17.586 min Scan# 2465
 Delta R.T. 0.000 min
 Lab File: BM030466.D
 Acq: 16 Jun 2021 13:52

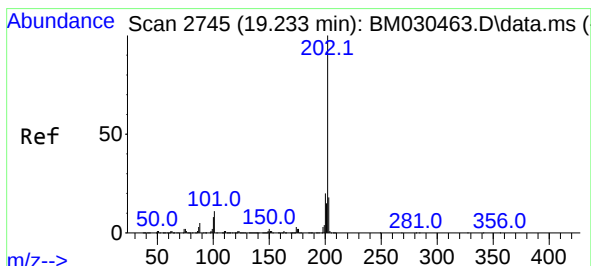
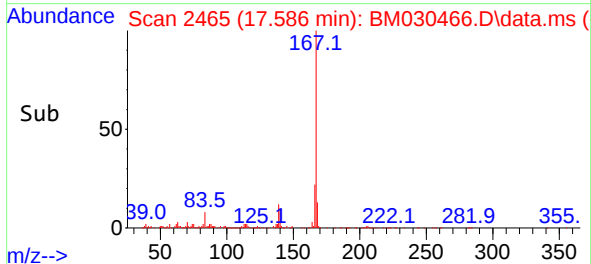
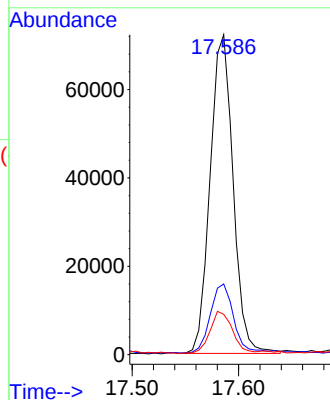
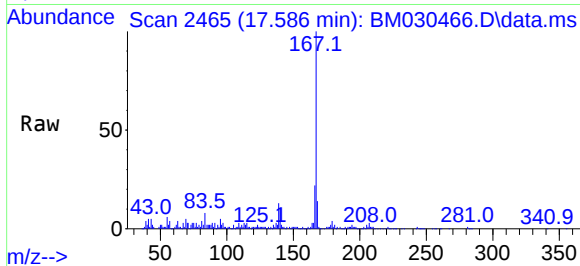
Tgt Ion:167 Resp: 107807

Ion	Ratio	Lower	Upper
167	100		
166	22.1	16.7	25.1
139	12.6	9.8	14.8

Instrument :
 BNA_M
 ClientSampleId :
 BG5P8

Manual Integrations
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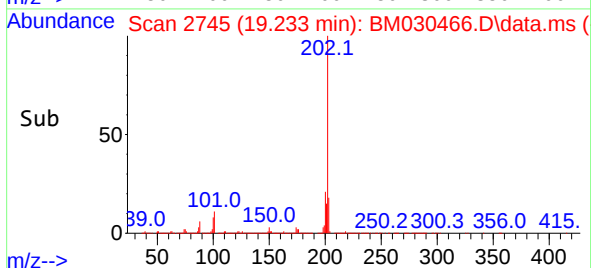
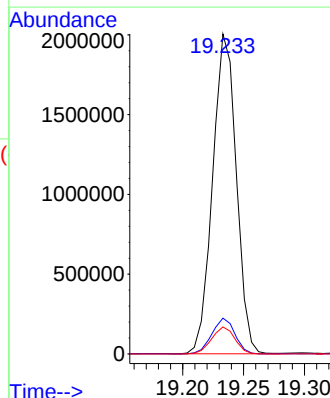
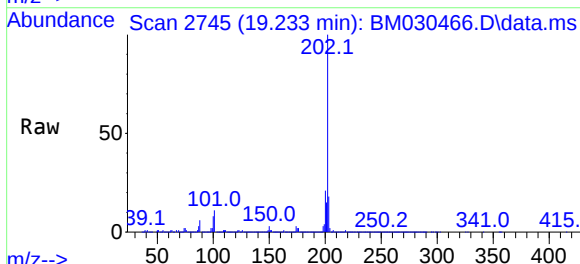
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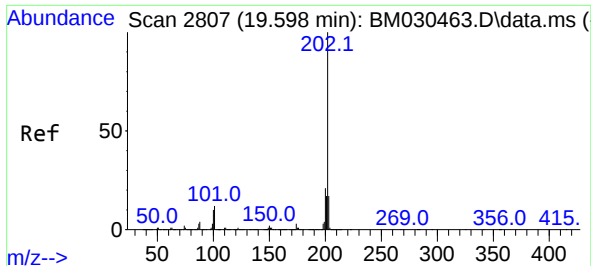


#80
 Fluoranthene
 Concen: 45.432 ng/u1
 RT: 19.233 min Scan# 2745
 Delta R.T. 0.000 min
 Lab File: BM030466.D
 Acq: 16 Jun 2021 13:52

Tgt Ion:202 Resp: 2707186

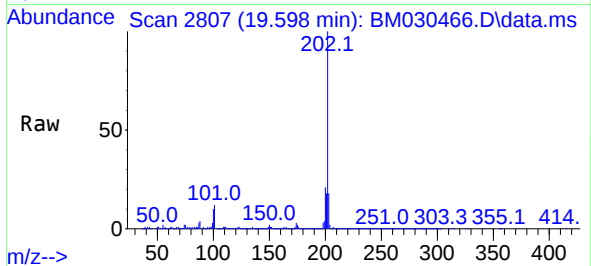
Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.7	13.1
100	8.5	6.6	10.0





#82
Pyrene
Concen: 24.991 ng/ul
RT: 19.598 min Scan# 2807
Delta R.T. 0.000 min
Lab File: BM030466.D
Acq: 16 Jun 2021 13:52

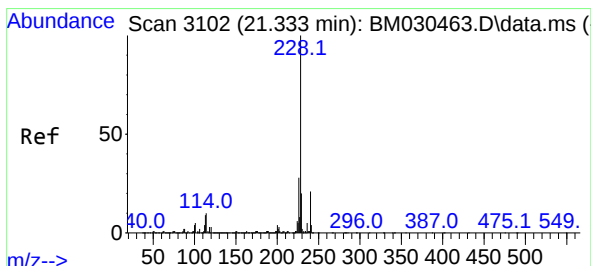
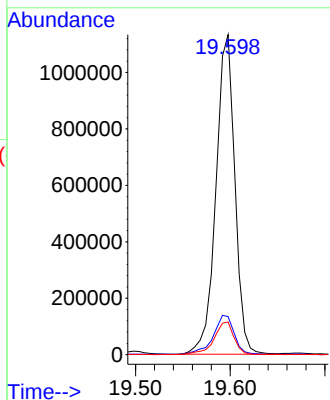
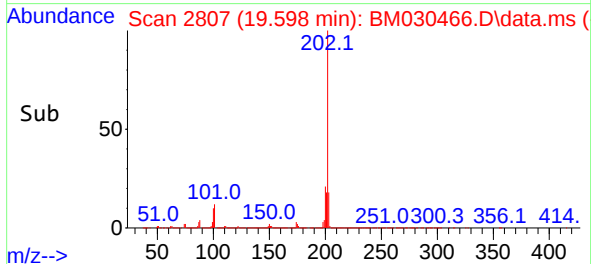
Instrument :
BNA_M
ClientSampled :
BG5P8



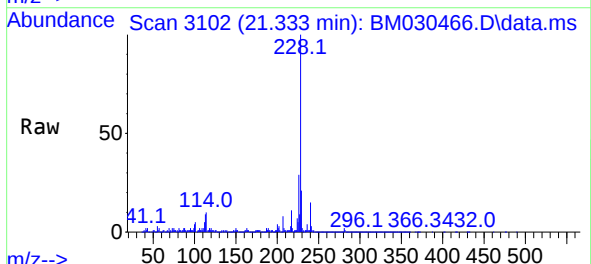
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Ion Ratio Lower Upper
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101 11.9 10.8 16.2
100 10.2 9.1 13.7

Manual Integrations
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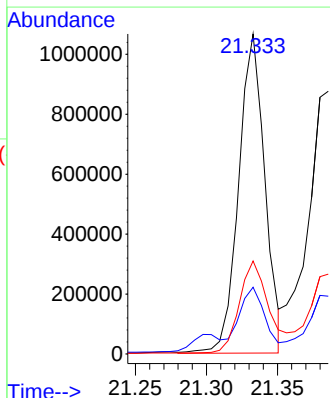
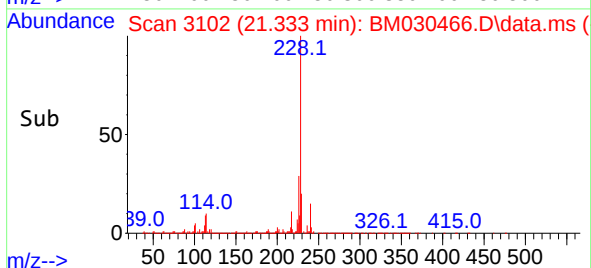
mohammad
6/17/2021 12:16:55 PM

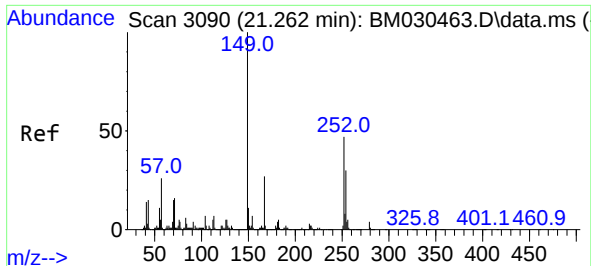


#85
Benzo(a)anthracene
Concen: 24.463 ng/ul
RT: 21.333 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM030466.D
Acq: 16 Jun 2021 13:52



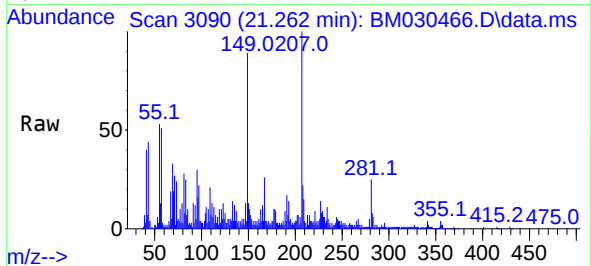
Tgt Ion:228 Resp: 1369472
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 29.1 22.2 33.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.160 ng/ul
RT: 21.262 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BM030466.D
Acq: 16 Jun 2021 13:52

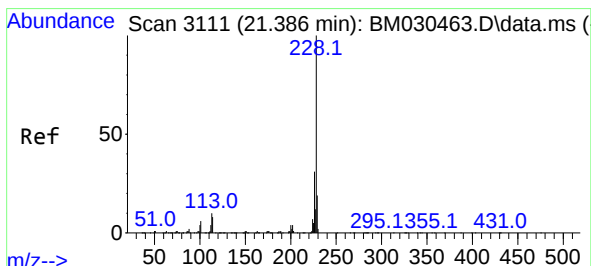
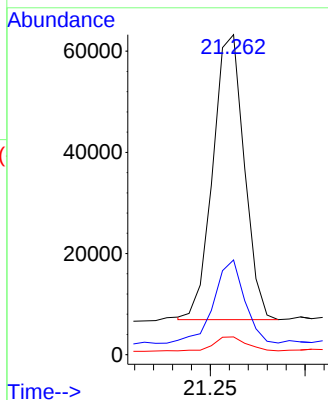
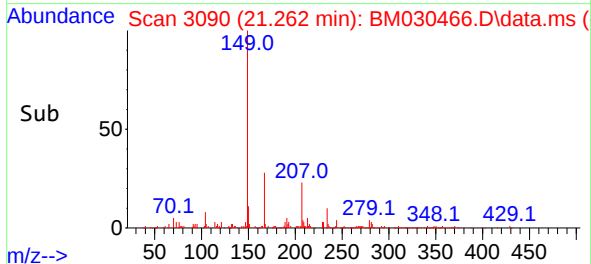
Instrument :
BNA_M
ClientSampled :
BG5P8



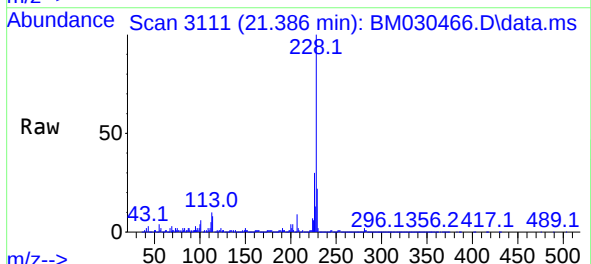
Tgt Ion:149 Resp: 64810
Ion Ratio Lower Upper
149 100
167 29.6 20.9 31.3
279 5.5 3.0 4.6#

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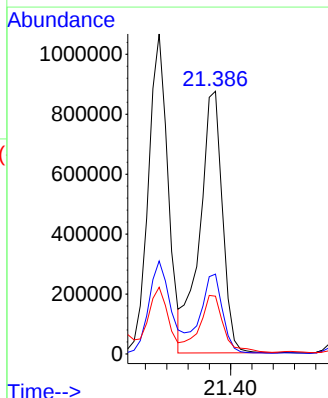
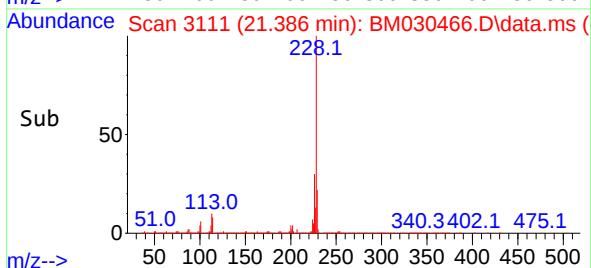
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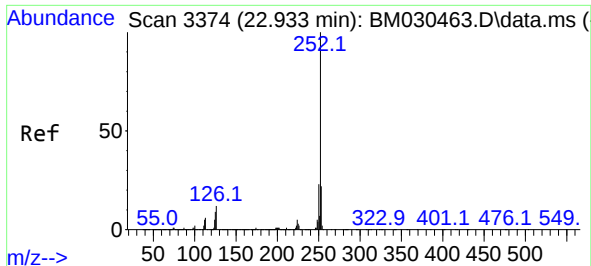


#87
Chrysene
Concen: 23.458 ng/ul
RT: 21.386 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM030466.D
Acq: 16 Jun 2021 13:52



Tgt Ion:228 Resp: 1294866
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 22.0 15.8 23.6





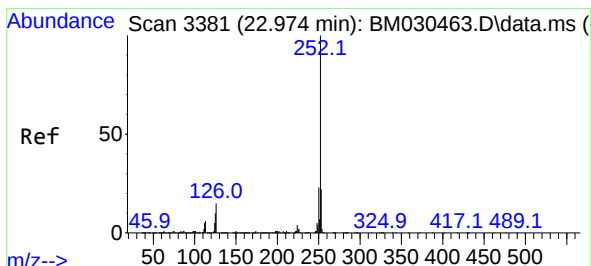
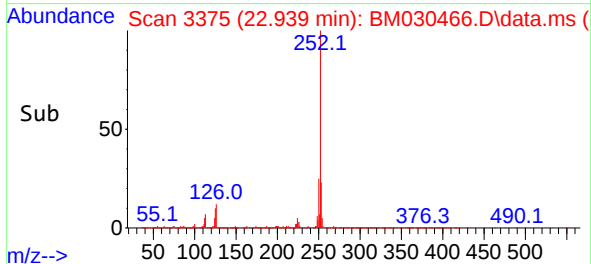
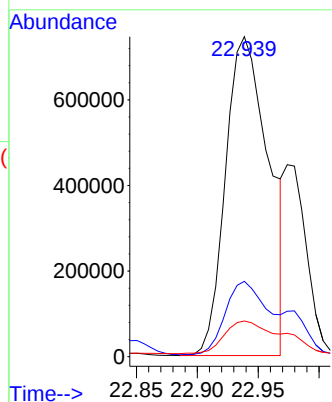
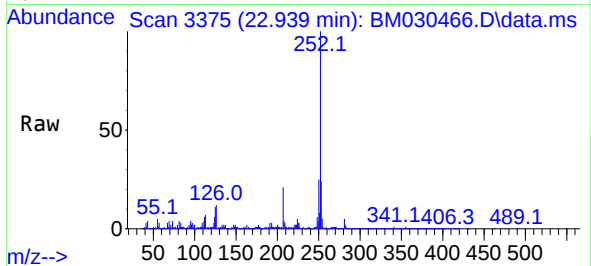
#90
Benzo(b)fluoranthene
Concen: 27.796 ng/u1
RT: 22.939 min Scan# 3375
Delta R.T. 0.006 min
Lab File: BM030466.D
Acq: 16 Jun 2021 13:52

Instrument :
BNA_M
ClientSampled :
BG5P8

Tgt Ion:252 Resp: 1835864
Ion Ratio Lower Upper
252 100
253 23.6 18.0 27.0
125 11.2 8.6 13.0

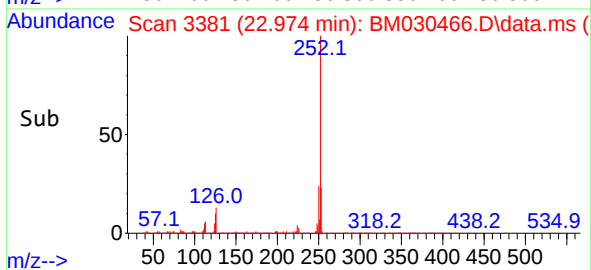
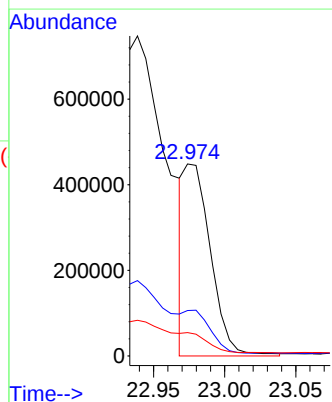
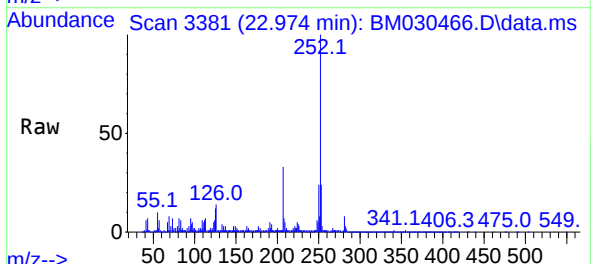
Manual Integrations
APPROVED

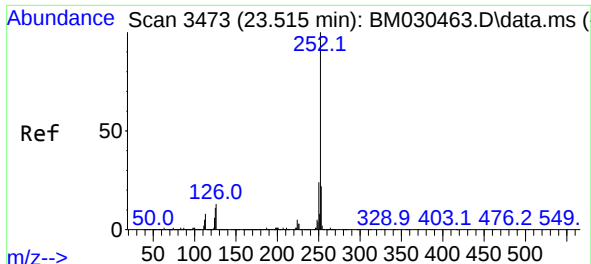
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#91
Benzo(k)fluoranthene
Concen: 9.129 ng/u1 m
RT: 22.974 min Scan# 3381
Delta R.T. 0.000 min
Lab File: BM030466.D
Acq: 16 Jun 2021 13:52

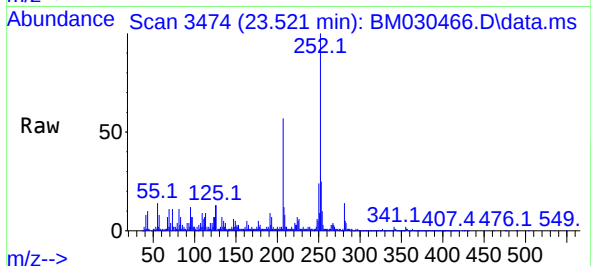
Tgt Ion:252 Resp: 575944
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 12.2 8.4 12.6





#93
Benzo(a)pyrene
Concen: 8.530 ng/ul
RT: 23.521 min Scan# 3474
Delta R.T. 0.006 min
Lab File: BM030466.D
Acq: 16 Jun 2021 13:52

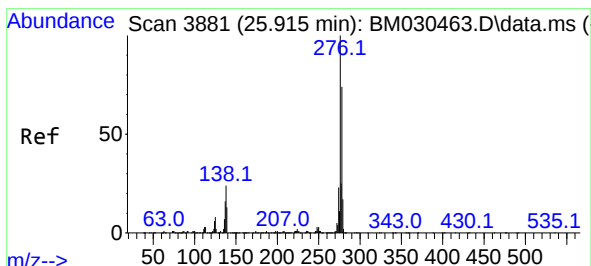
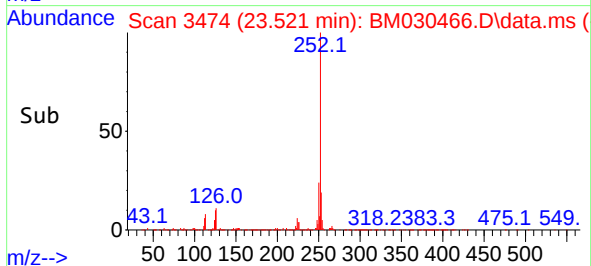
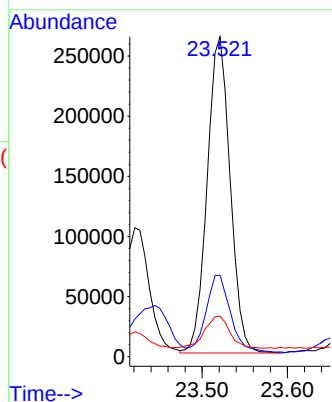
Instrument :
BNA_M
ClientSampled :
BG5P8



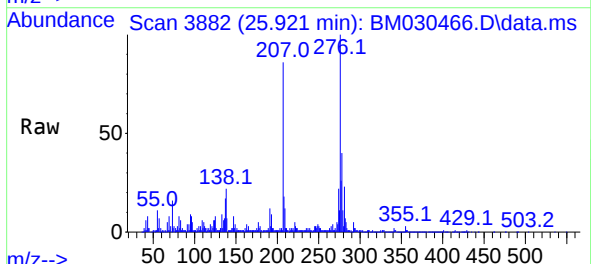
Tgt Ion:252 Resp: 492471
Ion Ratio Lower Upper
252 100
253 25.5 17.8 26.8
125 12.7 9.5 14.3

Manual Integrations
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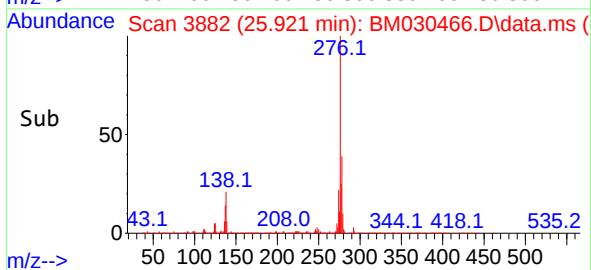
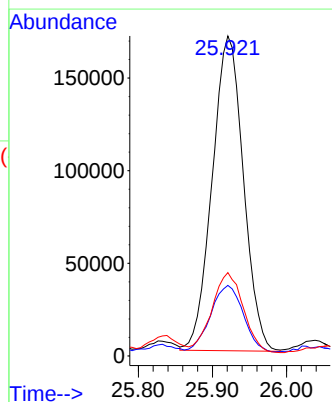
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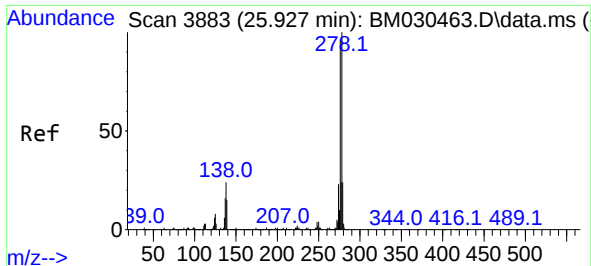


#94
Indeno(1,2,3-cd)pyrene
Concen: 6.993 ng/ul
RT: 25.921 min Scan# 3882
Delta R.T. 0.006 min
Lab File: BM030466.D
Acq: 16 Jun 2021 13:52



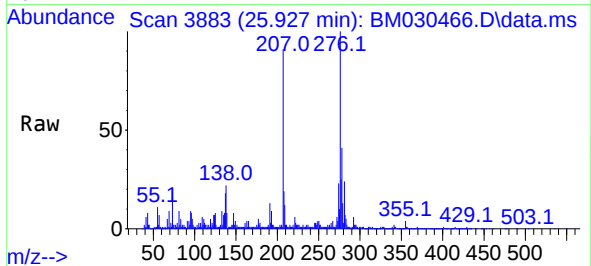
Tgt Ion:276 Resp: 496865
Ion Ratio Lower Upper
276 100
138 22.0 21.8 32.6
277 26.1 20.3 30.5





#95
 Dibenzo(a,h)anthracene
 Concen: 3.772 ng/ul
 RT: 25.927 min Scan# 3883
 Delta R.T. 0.000 min
 Lab File: BM030466.D
 Acq: 16 Jun 2021 13:52

Instrument :
 BNA_M
 ClientSampleId :
 BG5P8



Tgt Ion:278 Resp: 225663

Ion	Ratio	Lower	Upper
278	100		
139	19.1	13.4	20.2
279	30.3	18.6	28.0#

Manual Integrations
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