

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
 Data File : BM030475.D
 Acq On : 16 Jun 2021 20:33
 Operator : CG/JU
 Sample : M2596-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG5Q9

Manual Integrations
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Quant Time: Jun 17 04:12:30 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	7.822	152	170931	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	670203	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	425409	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	942965	20.000	ng/ul	0.00
79) Chrysene-d12	21.356	240	1078582	20.000	ng/ul	0.01
88) Perylene-d12	23.627	264	1166347	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	13540	3.025	ng/uL	0.00
4) Pyridine-d5	3.734	84	93381	7.939	ng/ul	0.02
7) Phenol-d5	6.993	99	227272	15.298	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	139922	14.593	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	194802	18.131	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	180380	15.203	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	87160	18.999	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	95379	20.933	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	183091	18.448	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	160134	10.554	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	533068	18.259	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	689767	18.913	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	51218	9.373	ng/ul	0.01
60) Fluorene-d10	15.439	176	496586	19.000	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	44078	8.098	ng/ul	0.00
73) Anthracene-d10	17.286	188	802709	18.716	ng/ul	0.00
81) Pyrene-d10	19.568	212	754473	13.365	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.480	264	577785	9.935	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.969	77	19004	2.729	ng/ul	85
16) Acetophenone	8.645	105	79114	4.217	ng/ul	99
30) Naphthalene	10.663	128	56367	1.659	ng/ul	99
52) Acenaphthene	14.510	153	101854	3.936	ng/ul	98
56) Dibenzofuran	14.845	168	89224	2.478	ng/ul	100
61) Fluorene	15.492	166	164164	5.430	ng/ul	99
72) Phenanthrene	17.233	178	3705493	72.676	ng/ul	99
74) Anthracene	17.321	178	1306811	25.396	ng/ul	99
77) Carbazole	17.586	167	76605	1.676	ng/ul#	94
80) Fluoranthene	19.245	202	7628552	109.971	ng/ul	99
82) Pyrene	19.603	202	4796370	65.381	ng/ul	95
85) Benzo(a)anthracene	21.339	228	4602622	70.624	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.262	149	102881	2.946	ng/ul#	96
87) Chrysene	21.392	228	3667320	57.070	ng/ul	96
90) Benzo(b)fluoranthene	22.950	252	4391696	58.578	ng/ul	98
91) Benzo(k)fluoranthene	22.986	252	1615299m	22.556	ng/ul	
93) Benzo(a)pyrene	23.527	252	1443878	22.034	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	25.932	276	1156730	14.343	ng/ul#	93
95) Dibenzo(a,h)anthracene	25.938	278	564681	8.316	ng/ul	95

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

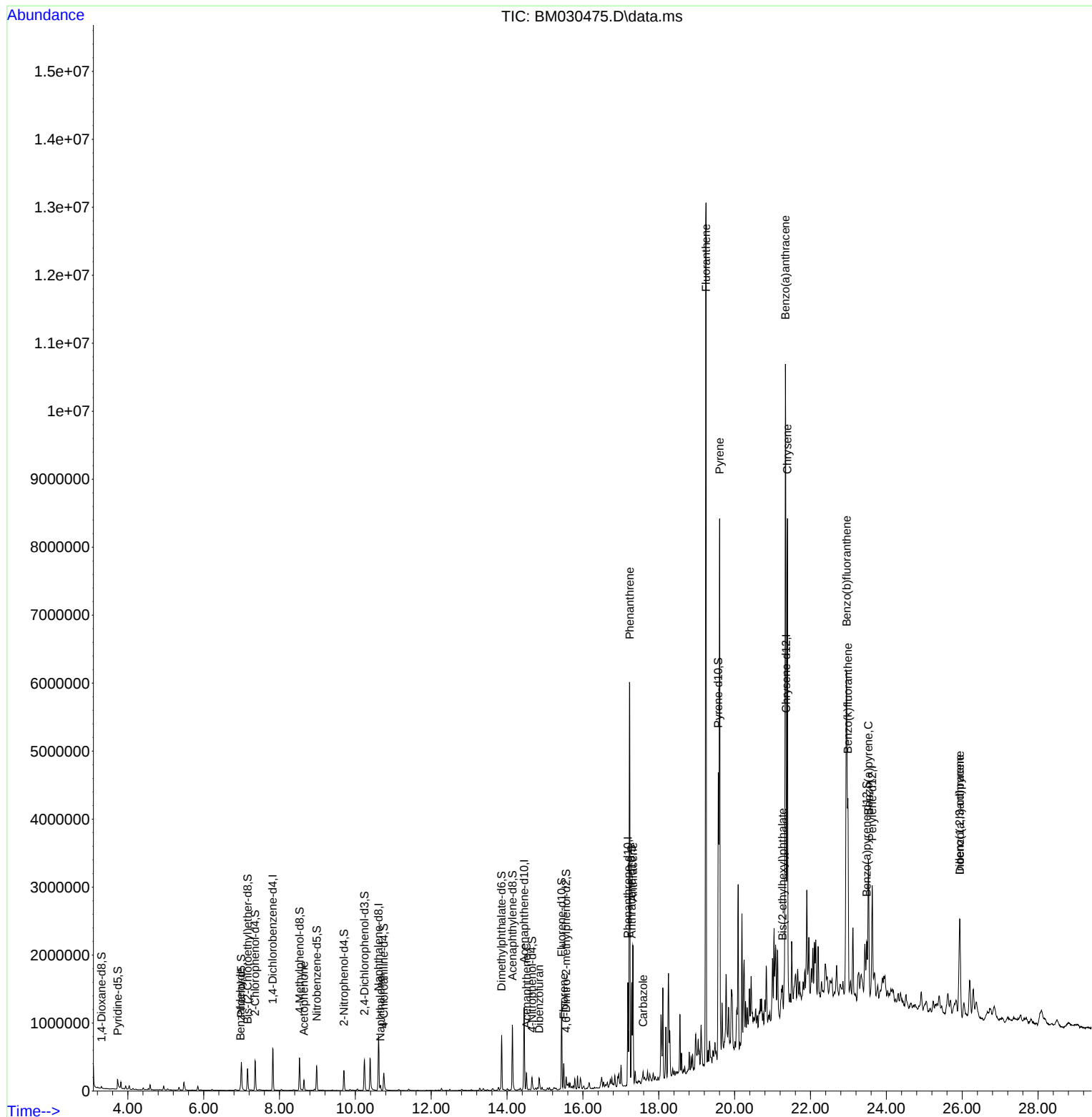
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Data File : BM030475.D
Acq On : 16 Jun 2021 20:33
Operator : CG/JU
Sample : M2596-13
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ALS Vial : 13 Sample Multiplier: 1

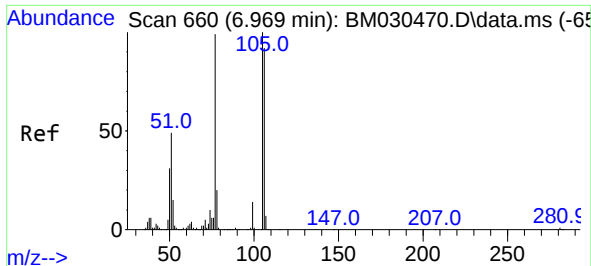
Instrument :
BNA_M
ClientSampleId :
BG5Q9

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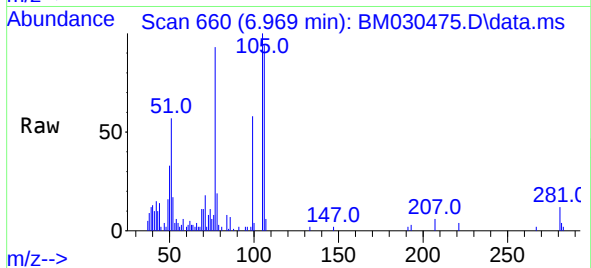
Quant Time: Jun 17 04:12:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 16 18:05:47 2021
Response via : Initial Calibration





#6
Benzaldehyde
Concen: 2.729 ng/ul
RT: 6.969 min Scan# 660
Delta R.T. 0.000 min
Lab File: BM030475.D
Acq: 16 Jun 2021 20:33

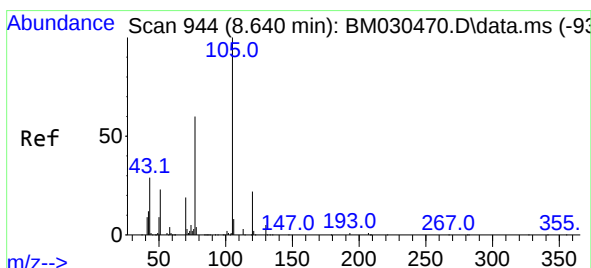
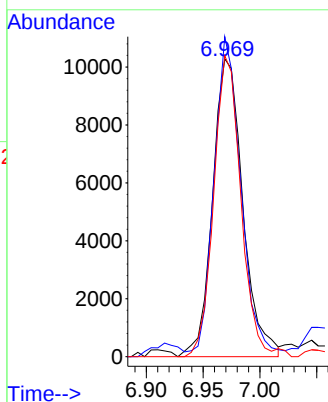
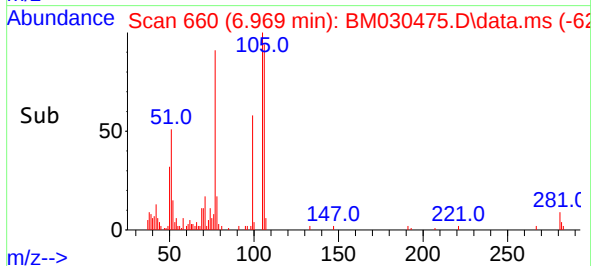
Instrument :
BNA_M
ClientSampleId :
BG5Q9



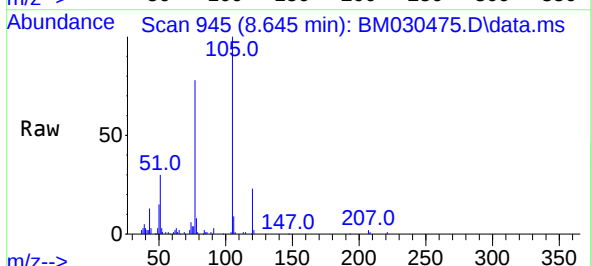
Tgt Ion: 77 Resp: 19004
Ion Ratio Lower Upper
77 100
105 107.5 74.5 111.7
106 101.1 70.2 105.2

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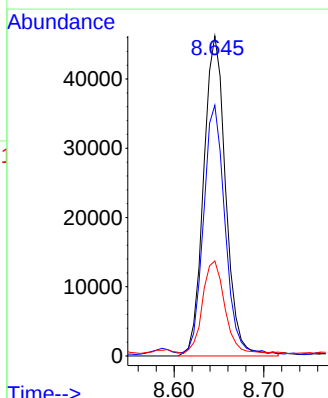
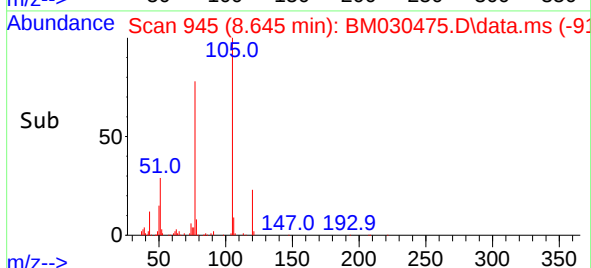
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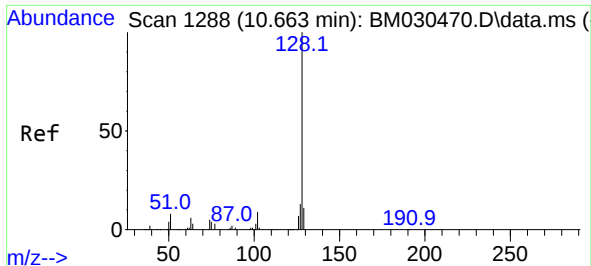


#16
Acetophenone
Concen: 4.217 ng/ul
RT: 8.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BM030475.D
Acq: 16 Jun 2021 20:33



Tgt Ion: 105 Resp: 79114
Ion Ratio Lower Upper
105 100
77 78.4 62.6 93.8
51 29.7 24.3 36.5





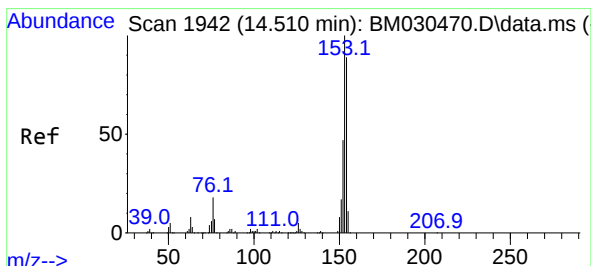
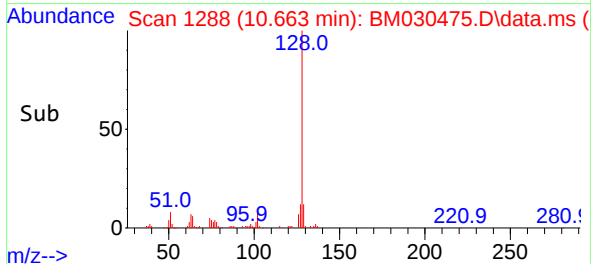
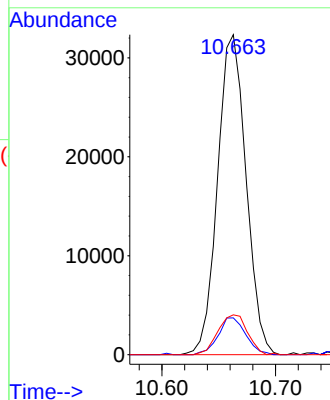
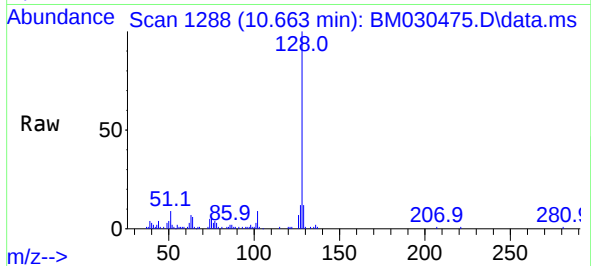
#30
Naphthalene
Concen: 1.659 ng/u1
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM030475.D
Acq: 16 Jun 2021 20:33

Tgt Ion:128 Resp: 56367
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 12.4 10.2 15.2

Instrument :
BNA_M
ClientSampled :
BG5Q9

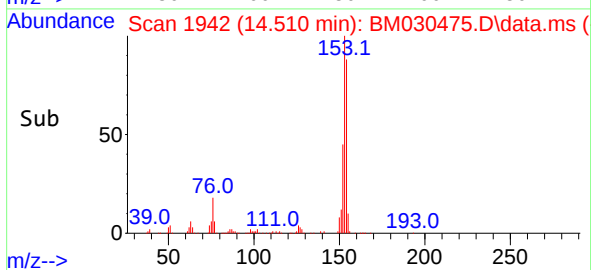
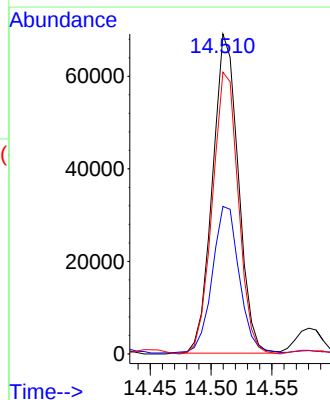
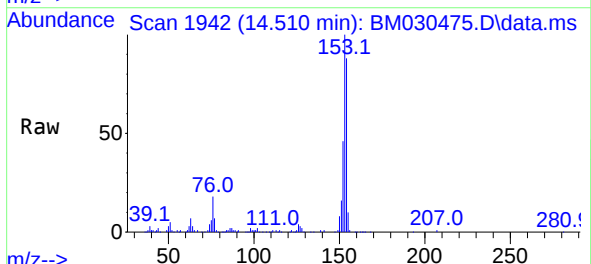
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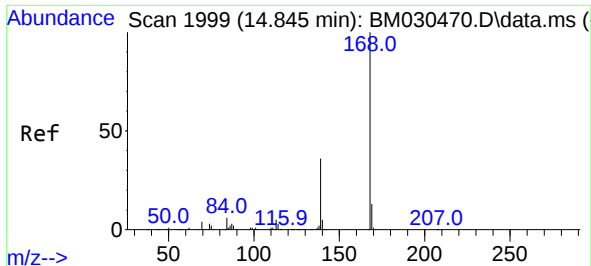
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#52
Acenaphthene
Concen: 3.936 ng/u1
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM030475.D
Acq: 16 Jun 2021 20:33

Tgt Ion:153 Resp: 101854
Ion Ratio Lower Upper
153 100
152 46.1 39.0 58.4
154 88.0 71.7 107.5





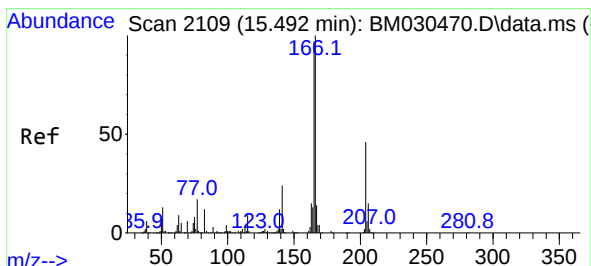
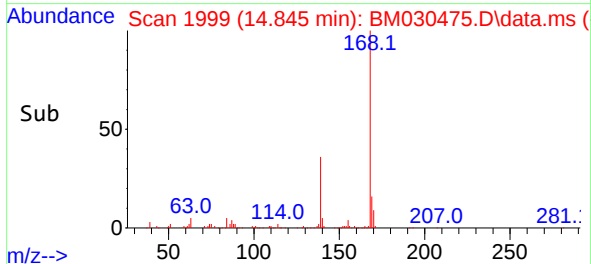
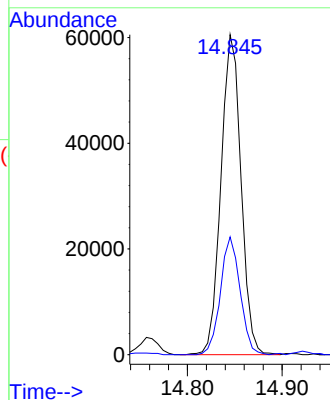
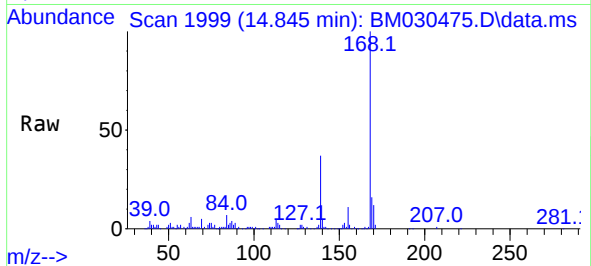
#56
Dibenzenofuran
Concen: 2.478 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BM030475.D
Acq: 16 Jun 2021 20:33

Tgt Ion:168 Resp: 89224
Ion Ratio Lower Upper
168 100
139 36.8 29.4 44.0

Instrument :
BNA_M
ClientSampleId :
BG5Q9

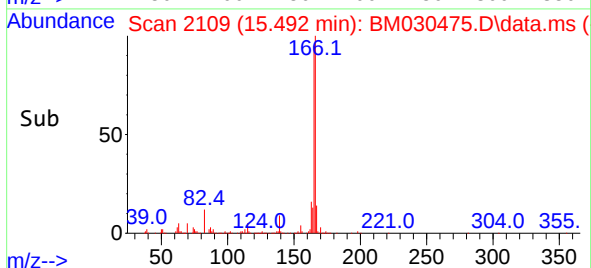
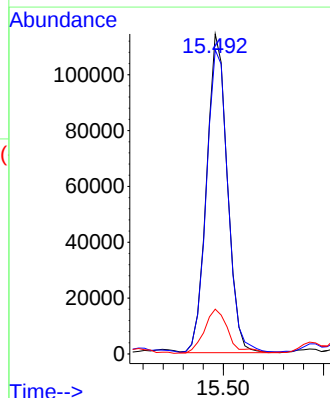
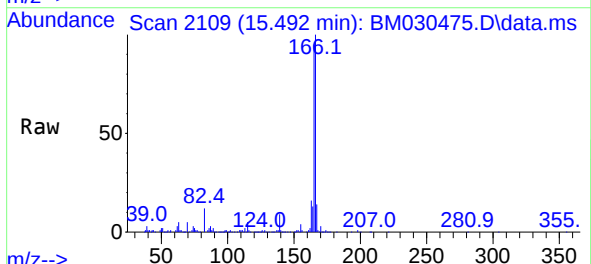
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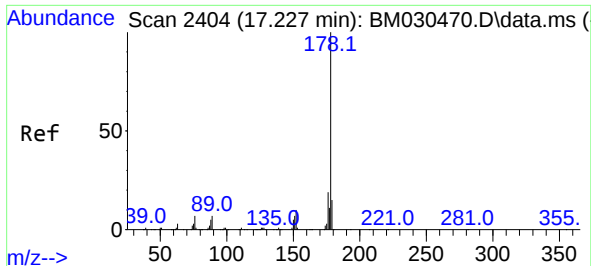
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#61
Fluorene
Concen: 5.430 ng/ul
RT: 15.492 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM030475.D
Acq: 16 Jun 2021 20:33

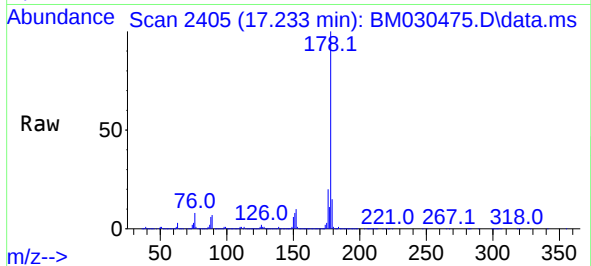
Tgt Ion:166 Resp: 164164
Ion Ratio Lower Upper
166 100
165 95.0 77.0 115.6
167 14.0 10.5 15.7





#72
Phenanthrene
Concen: 72.676 ng/u1
RT: 17.233 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BM030475.D
Acq: 16 Jun 2021 20:33

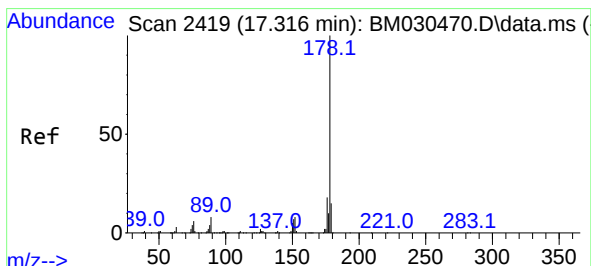
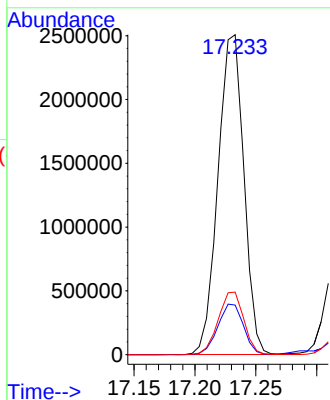
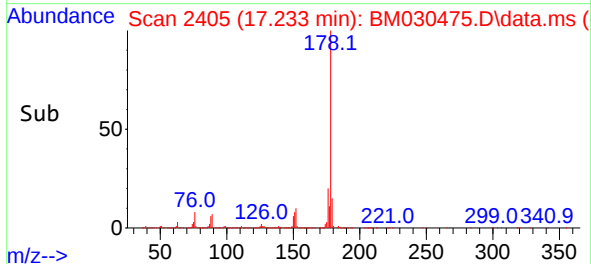
Instrument :
BNA_M
ClientSampleId :
BG5Q9



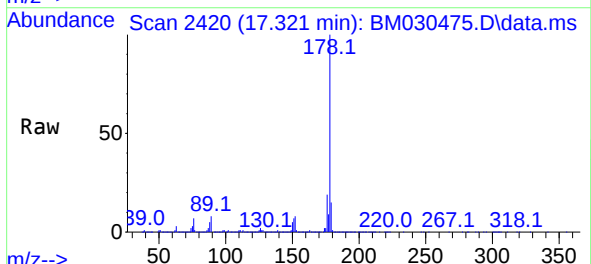
Tgt Ion:178 Resp: 3705493
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.5 15.0 22.6

Manual Integrations
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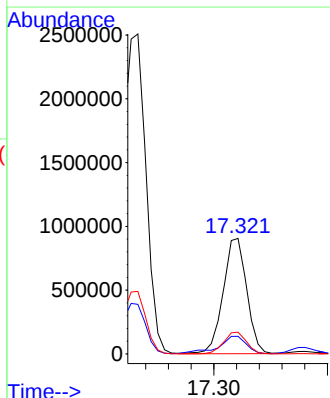
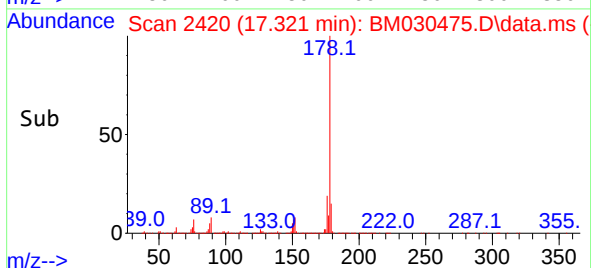
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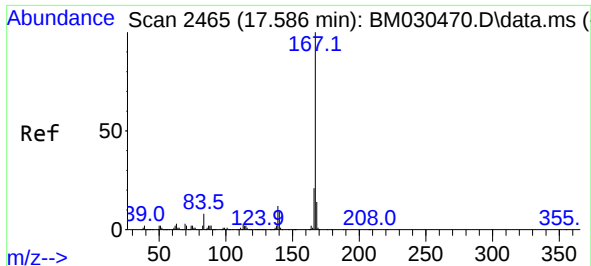


#74
Anthracene
Concen: 25.396 ng/u1
RT: 17.321 min Scan# 2420
Delta R.T. 0.006 min
Lab File: BM030475.D
Acq: 16 Jun 2021 20:33



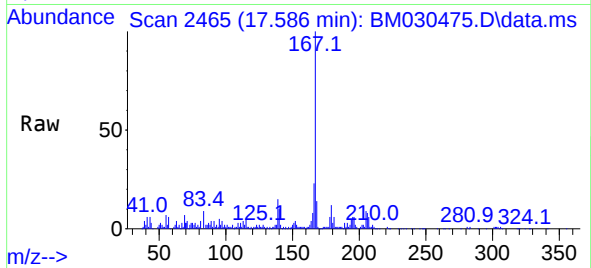
Tgt Ion:178 Resp: 1306811
Ion Ratio Lower Upper
178 100
179 15.2 12.5 18.7
176 18.9 15.0 22.4





#77
 Carbazole
 Concen: 1.676 ng/u1
 RT: 17.586 min Scan# 2465
 Delta R.T. 0.000 min
 Lab File: BM030475.D
 Acq: 16 Jun 2021 20:33

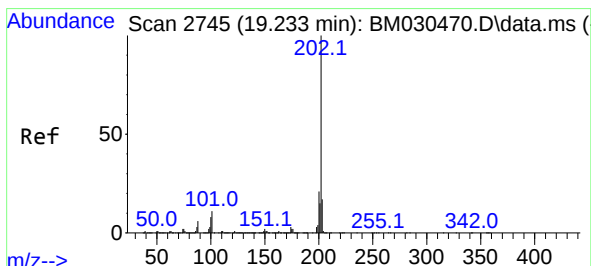
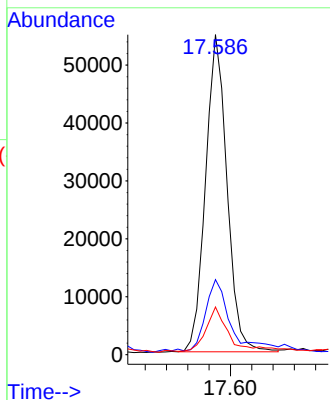
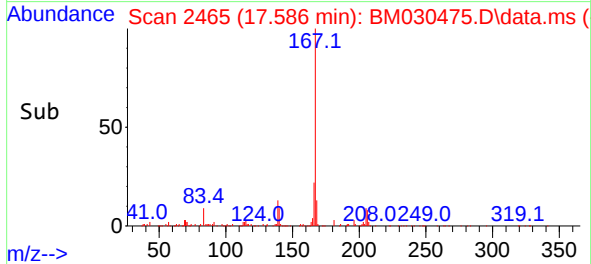
Instrument :
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 BG5Q9



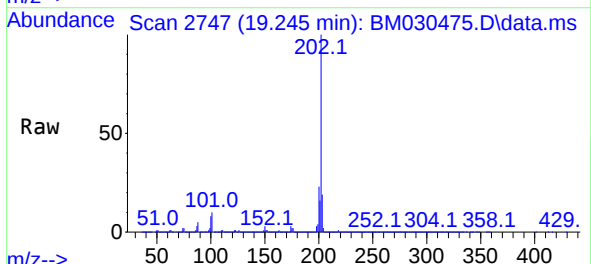
Tgt Ion:167 Resp: 76605
 Ion Ratio Lower Upper
 167 100
 166 23.5 16.7 25.1
 139 14.9 9.8 14.8#

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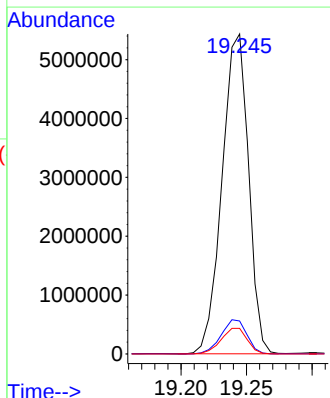
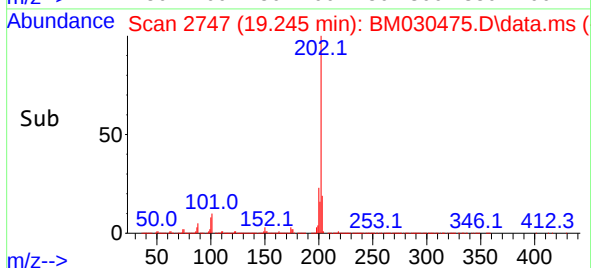
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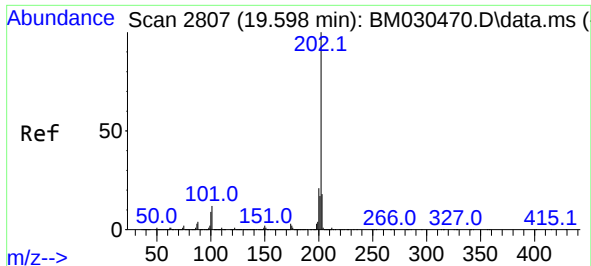


#80
 Fluoranthene
 Concen: 109.971 ng/u1
 RT: 19.245 min Scan# 2747
 Delta R.T. 0.012 min
 Lab File: BM030475.D
 Acq: 16 Jun 2021 20:33



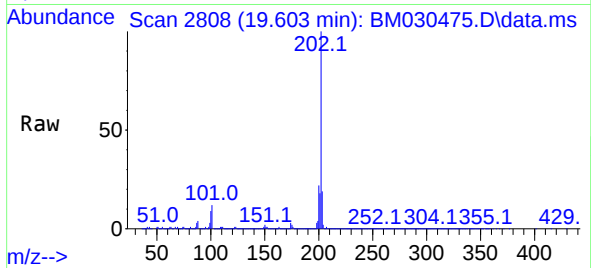
Tgt Ion:202 Resp: 7628552
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.7 13.1
 100 8.0 6.6 10.0





#82
Pyrene
Concen: 65.381 ng/ul
RT: 19.603 min Scan# 2808
Delta R.T. 0.006 min
Lab File: BM030475.D
Acq: 16 Jun 2021 20:33

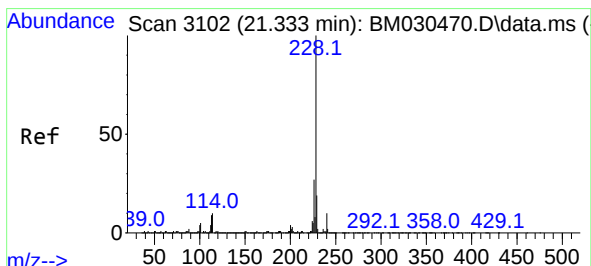
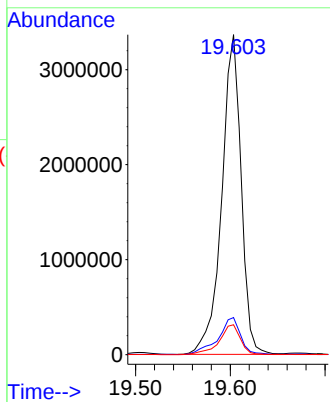
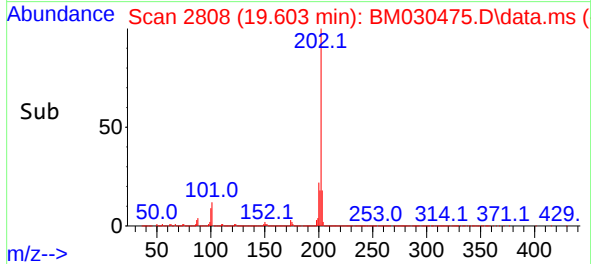
Instrument :
BNA_M
ClientSampleId :
BG5Q9



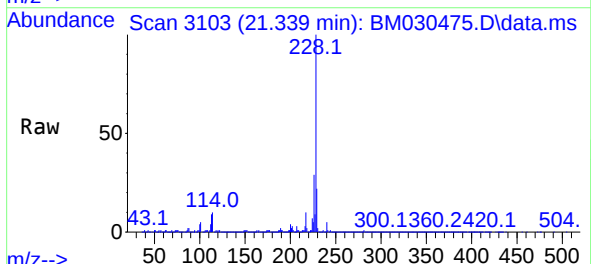
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Ion Ratio Lower Upper
202 100
101 11.6 10.8 16.2
100 9.4 9.1 13.7

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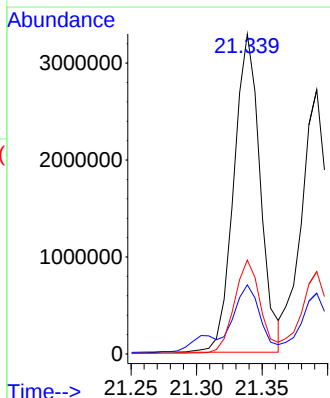
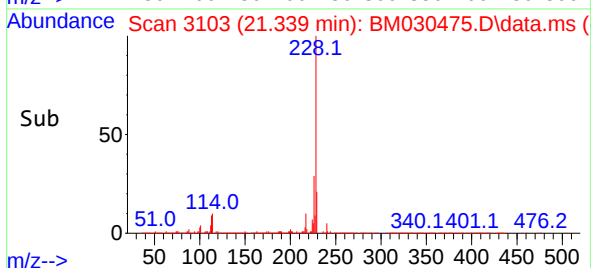
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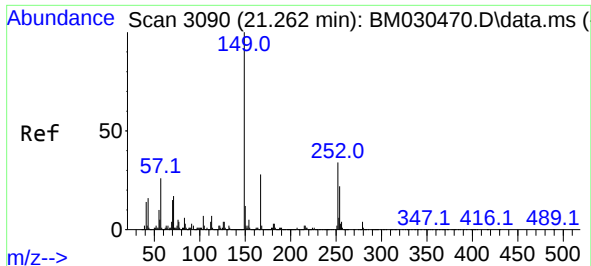


#85
Benzo(a)anthracene
Concen: 70.624 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BM030475.D
Acq: 16 Jun 2021 20:33



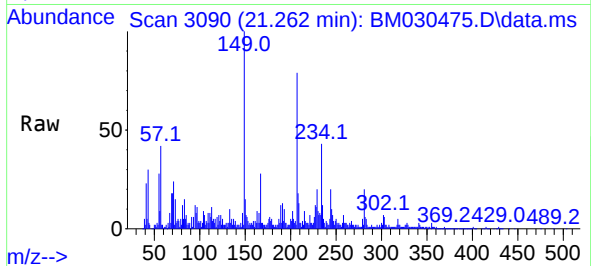
Tgt Ion:228 Resp: 4602622
Ion Ratio Lower Upper
228 100
229 21.6 15.6 23.4
226 29.4 22.2 33.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.946 ng/ul
RT: 21.262 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BM030475.D
Acq: 16 Jun 2021 20:33

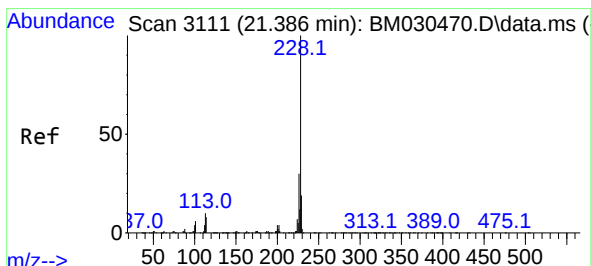
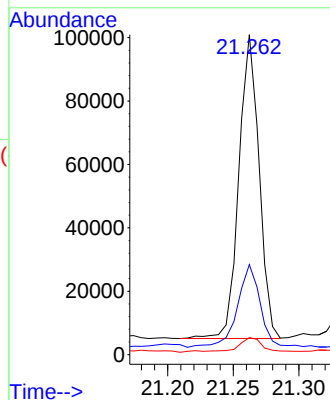
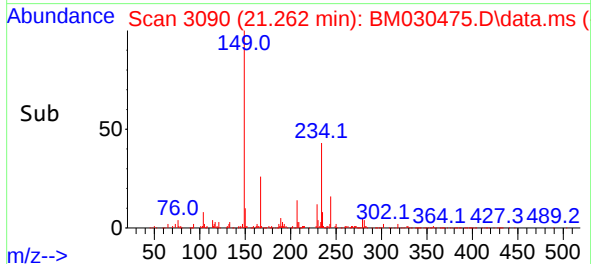
Instrument :
BNA_M
ClientSampleId :
BG5Q9



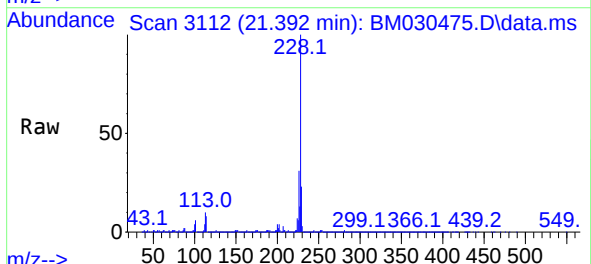
Tgt Ion:149 Resp: 102881
Ion Ratio Lower Upper
149 100
167 28.2 20.9 31.3
279 5.3 3.0 4.6#

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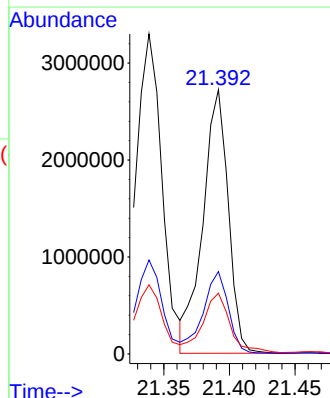
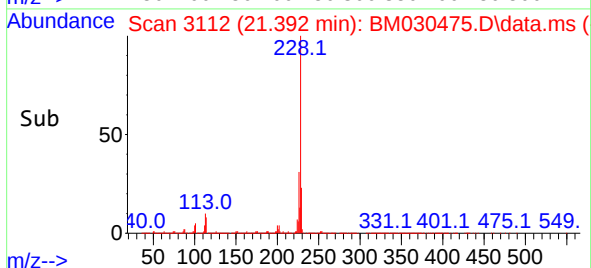
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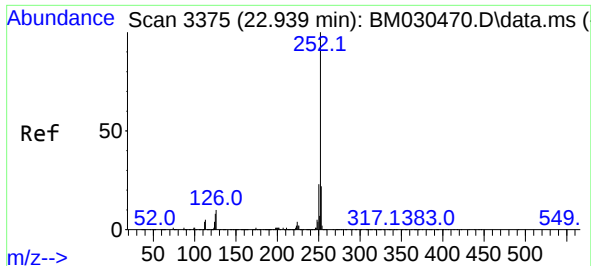


#87
Chrysene
Concen: 57.070 ng/ul
RT: 21.392 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BM030475.D
Acq: 16 Jun 2021 20:33



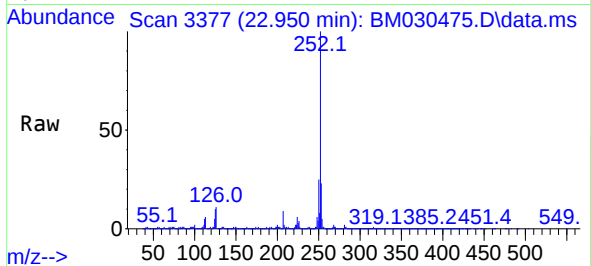
Tgt Ion:228 Resp: 3667320
Ion Ratio Lower Upper
228 100
226 31.2 24.2 36.2
229 23.0 15.8 23.6





#90
Benzo(b)fluoranthene
Concen: 58.578 ng/ul
RT: 22.950 min Scan# 3377
Delta R.T. 0.018 min
Lab File: BM030475.D
Acq: 16 Jun 2021 20:33

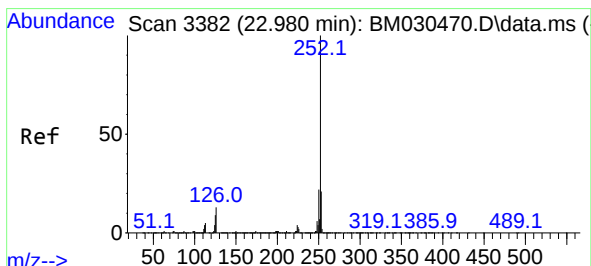
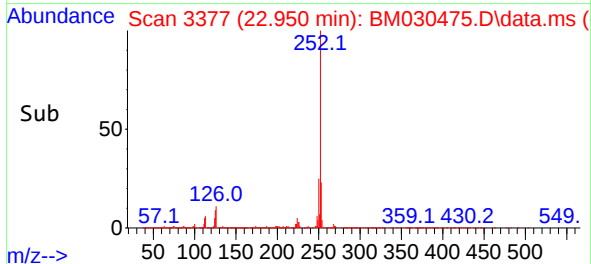
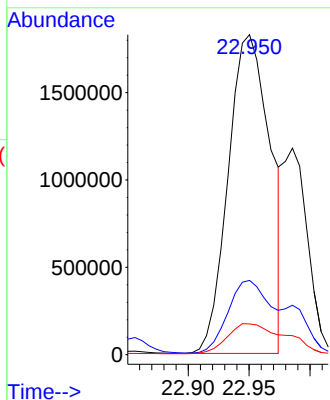
Instrument :
BNA_M
ClientSampleId :
BG5Q9



Tgt Ion:252 Resp: 4391696
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 9.6 8.6 13.0

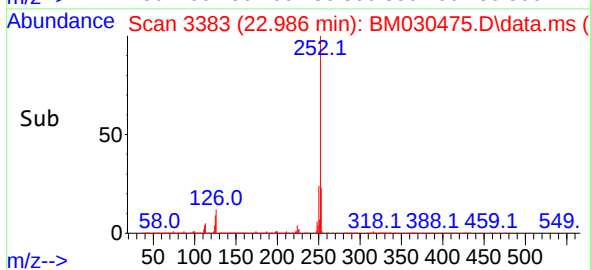
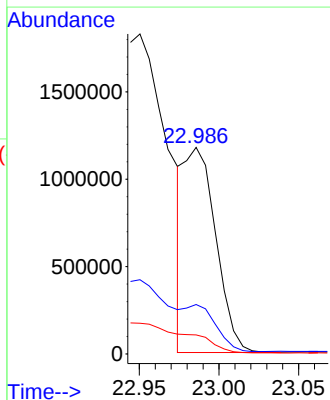
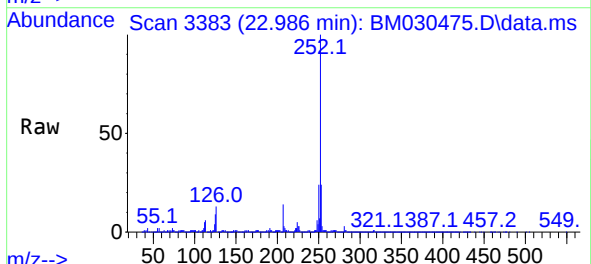
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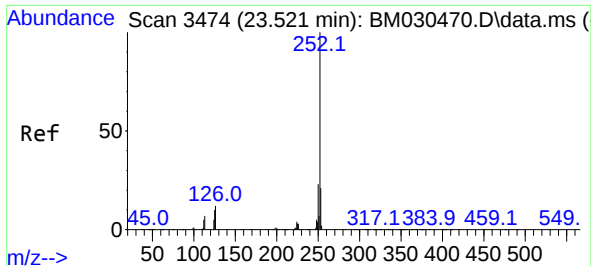
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#91
Benzo(k)fluoranthene
Concen: 22.556 ng/ul m
RT: 22.986 min Scan# 3383
Delta R.T. 0.012 min
Lab File: BM030475.D
Acq: 16 Jun 2021 20:33

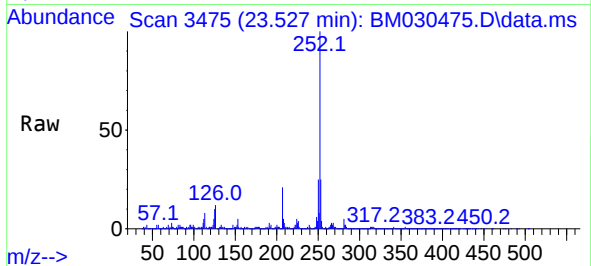
Tgt Ion:252 Resp: 1615299
Ion Ratio Lower Upper
252 100
253 24.0 17.9 26.9
125 9.2 8.4 12.6





#93
Benzo(a)pyrene
Concen: 22.034 ng/ul
RT: 23.527 min Scan# 3475
Delta R.T. 0.012 min
Lab File: BM030475.D
Acq: 16 Jun 2021 20:33

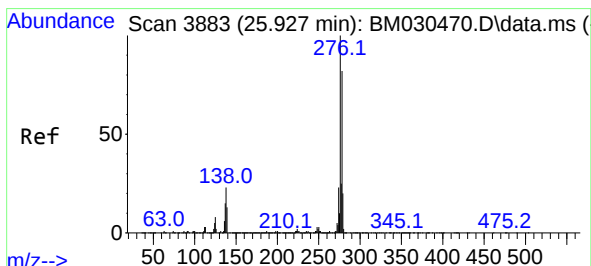
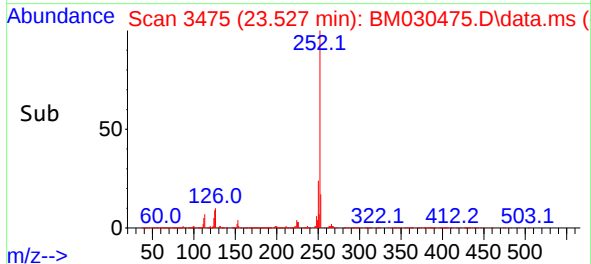
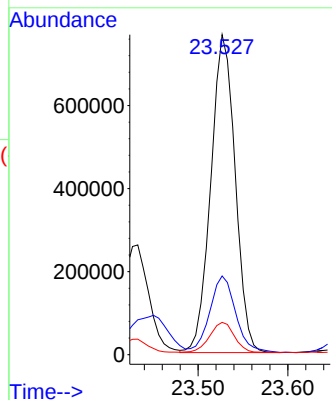
Instrument :
BNA_M
ClientSampled :
BG5Q9



Tgt Ion:252 Resp: 1443878
Ion Ratio Lower Upper
252 100
253 24.6 17.8 26.8
125 10.1 9.5 14.3

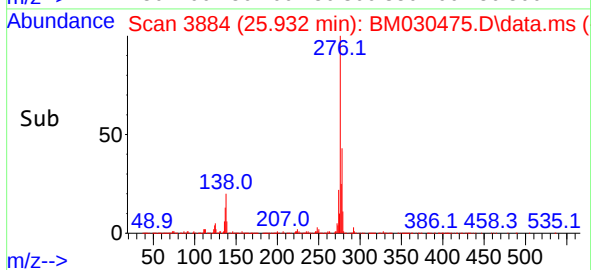
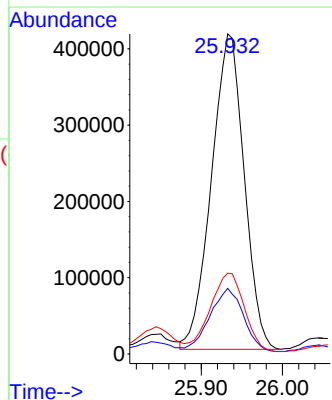
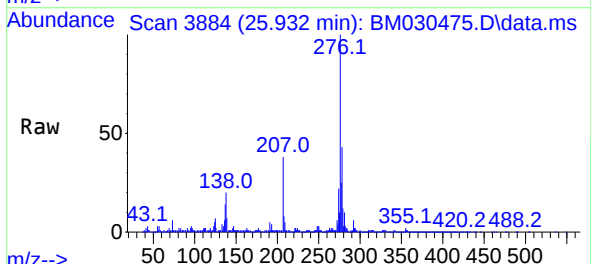
Manual Integrations
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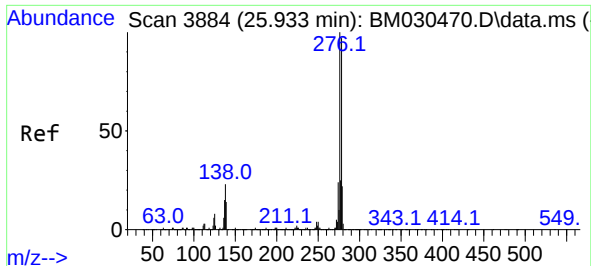
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#94
Indeno(1,2,3-cd)pyrene
Concen: 14.343 ng/ul
RT: 25.932 min Scan# 3884
Delta R.T. 0.018 min
Lab File: BM030475.D
Acq: 16 Jun 2021 20:33

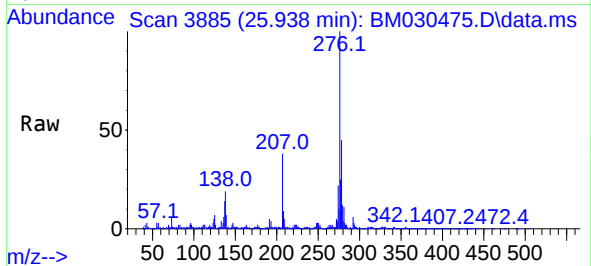
Tgt Ion:276 Resp: 1156730
Ion Ratio Lower Upper
276 100
138 20.5 21.8 32.6#
277 25.2 20.3 30.5





#95
 Dibenzo(a,h)anthracene
 Concen: 8.316 ng/ul
 RT: 25.938 min Scan# 3885
 Delta R.T. 0.012 min
 Lab File: BM030475.D
 Acq: 16 Jun 2021 20:33

Instrument :
 BNA_M
 ClientSampleId :
 BG5Q9



Tgt Ion:278 Resp: 564681

Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.4	20.2
279	26.2	18.6	28.0

Manual Integrations
 APPROVED

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