

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
 Data File : BM030473.D
 Acq On : 16 Jun 2021 19:20
 Operator : CG/JU
 Sample : M2596-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG5Q7

Manual Integrations
 APPROVED

mohammad

Quant Time: Jun 17 02:15:23 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

6/17/2021 12:17:11 PM

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	166776	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	667693	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	431429	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	903643	20.000	ng/ul	0.00
79) Chrysene-d12	21.350	240	984776	20.000	ng/ul	0.00
88) Perylene-d12	23.621	264	1079359	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.304	96	10472	2.398	ng/uL	0.00
4) Pyridine-d5	3.728	84	81794	7.127	ng/ul	0.01
7) Phenol-d5	6.992	99	208090	14.356	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	173338	18.529	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	117398	11.199	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	156744	13.540	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	103630	22.674	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	38856	8.560	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	80070	8.098	ng/ul	0.00
31) 4-Chloroaniline-d4	10.745	131	245185	16.221	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	623351	21.054	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	807940	21.844	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	25241	4.555	ng/ul	0.01
60) Fluorene-d10	15.439	176	584208	22.041	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	22518	4.317	ng/ul	0.00
73) Anthracene-d10	17.280	188	898099	21.851	ng/ul	0.00
81) Pyrene-d10	19.568	212	796279	15.449	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.474	264	699871	13.004	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.663	128	270366	7.988	ng/ul	98
36) 2-Methylnaphthalene	12.269	142	227686	9.456	ng/ul	99
37) 1-Methylnaphthalene	12.492	142	117760	4.819	ng/ul	98
52) Acenaphthene	14.510	153	121707	4.637	ng/ul	99
56) Dibenzofuran	14.845	168	96550	2.644	ng/ul	98
61) Fluorene	15.492	166	107464	3.505	ng/ul	99
72) Phenanthrene	17.227	178	1452505	29.728	ng/ul	99
74) Anthracene	17.315	178	345692	7.010	ng/ul	99
77) Carbazole	17.586	167	91407	2.087	ng/ul	100
80) Fluoranthene	19.233	202	1796388	28.363	ng/ul	99
82) Pyrene	19.598	202	960292	14.337	ng/ul	95
85) Benzo(a)anthracene	21.333	228	845276	14.206	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.262	149	229002	7.181	ng/ul#	96
87) Chrysene	21.386	228	715706	12.199	ng/ul	98
90) Benzo(b)fluoranthene	22.938	252	911566	13.139	ng/ul	99
91) Benzo(k)fluoranthene	22.974	252	355480m	5.364	ng/ul	
93) Benzo(a)pyrene	23.521	252	207195	3.417	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	25.915	276	220431	2.953	ng/ul#	94
95) Dibenzo(a,h)anthracene	25.927	278	112093	1.784	ng/ul#	92

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

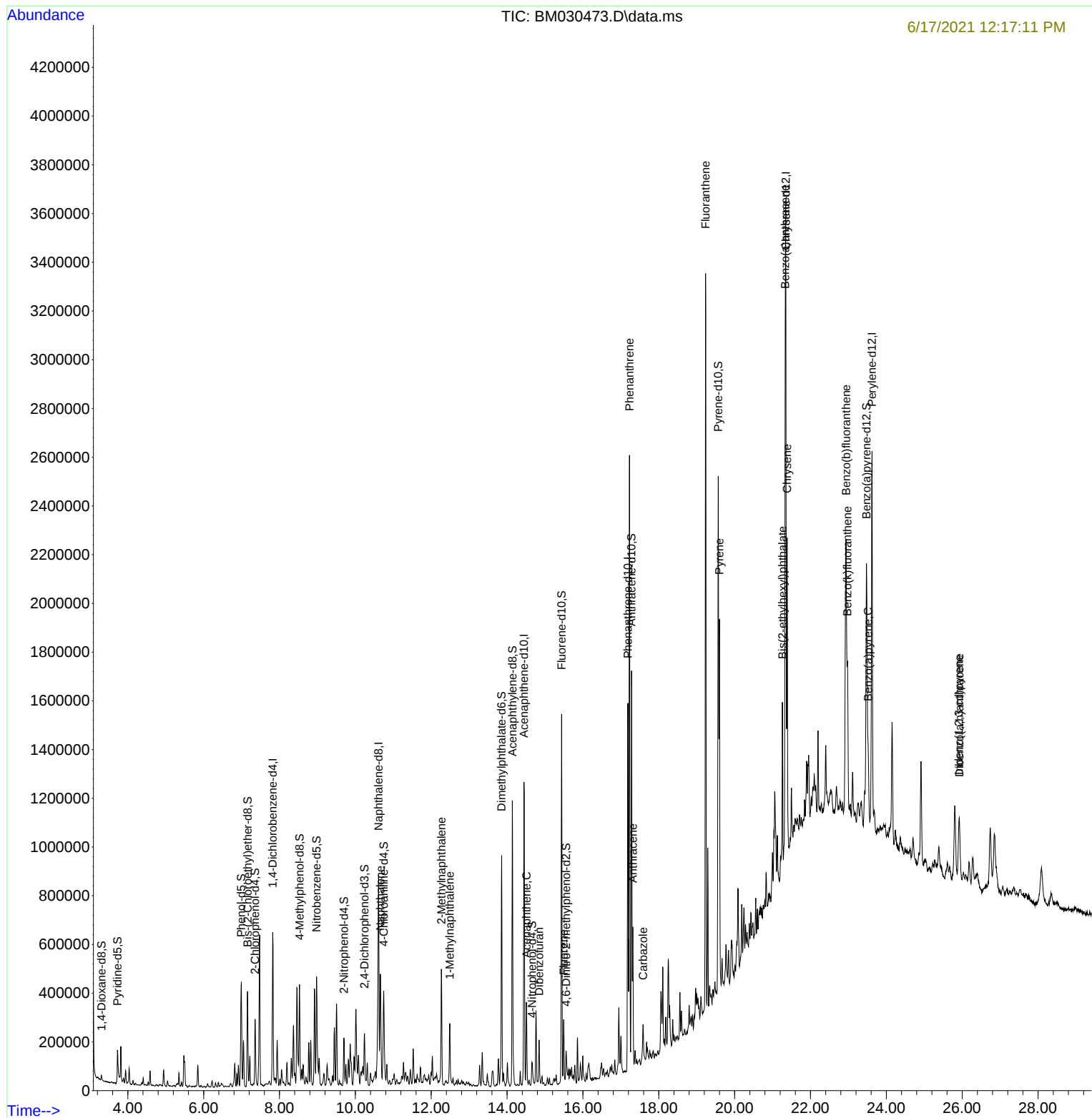
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Data File : BM030473.D
Acq On : 16 Jun 2021 19:20
Operator : CG/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

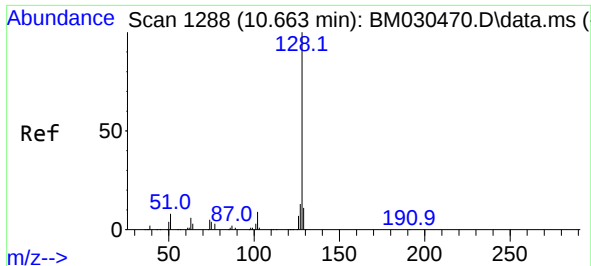
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Jun 17 02:15:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 16 18:05:47 2021
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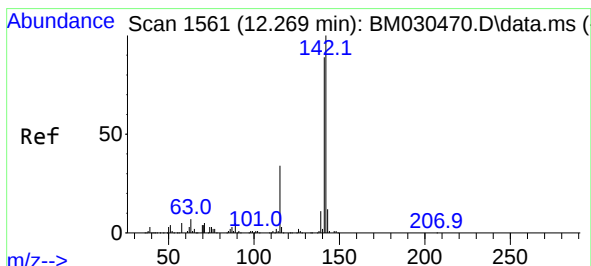
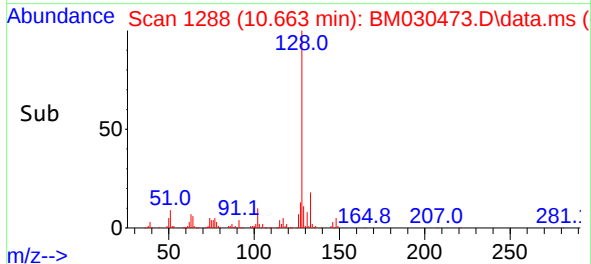
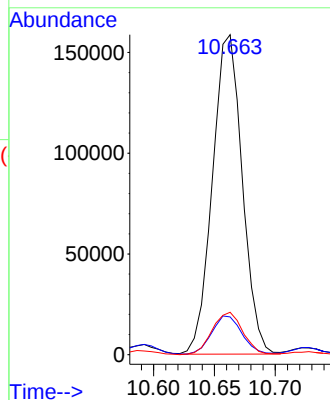
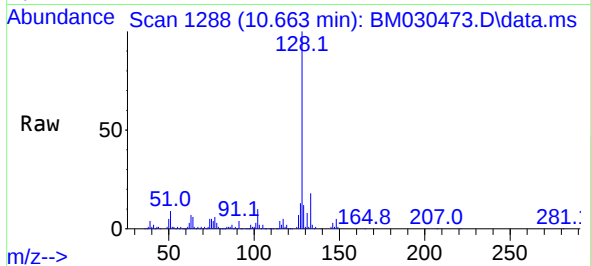
#30
Naphthalene
Concen: 7.988 ng/ul
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM030473.D
Acq: 16 Jun 2021 19:20

Tgt Ion:128 Resp: 270366
Ion Ratio Lower Upper
128 100
129 11.8 8.6 13.0
127 13.2 10.2 15.2

Instrument :
BNA_M
ClientSampleId :
BG5Q7

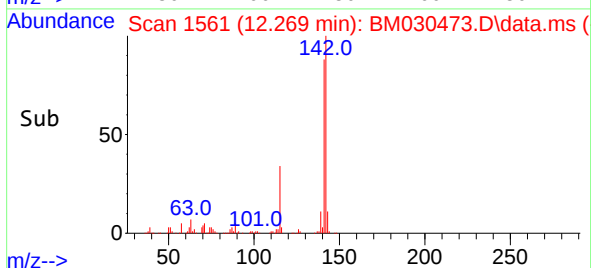
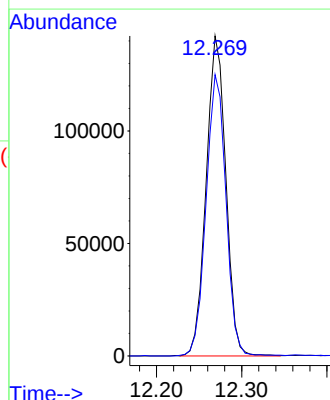
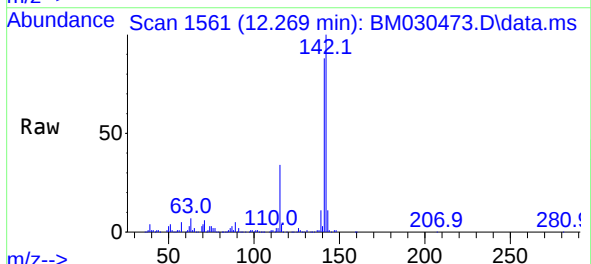
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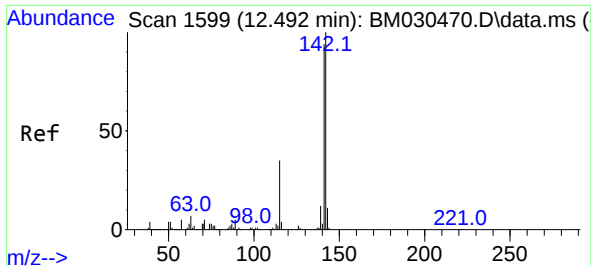
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#36
2-Methylnaphthalene
Concen: 9.456 ng/ul
RT: 12.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BM030473.D
Acq: 16 Jun 2021 19:20

Tgt Ion:142 Resp: 227686
Ion Ratio Lower Upper
142 100
141 87.9 70.8 106.2





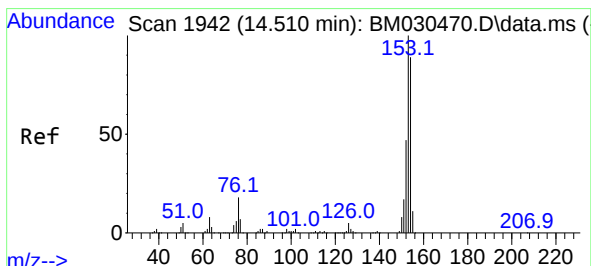
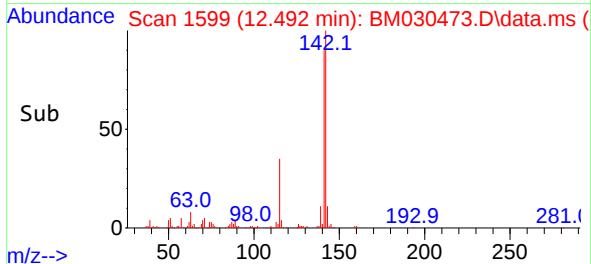
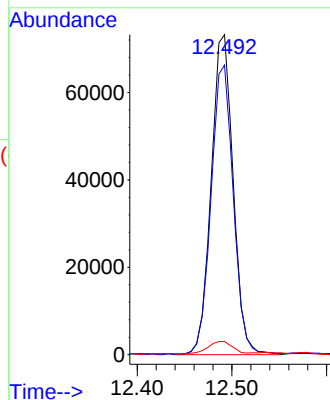
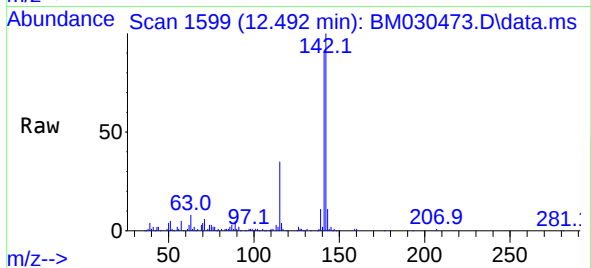
#37
1-Methylnaphthalene
Concen: 4.819 ng/ul
RT: 12.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BM030473.D
Acq: 16 Jun 2021 19:20

Tgt Ion:142 Resp: 117760
Ion Ratio Lower Upper
142 100
141 90.5 74.2 111.2
116 4.2 3.3 4.9

Instrument :
BNA_M
ClientSampleId :
BG5Q7

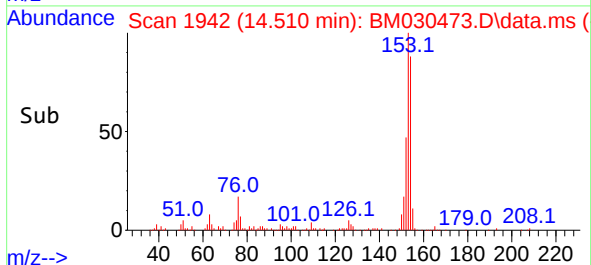
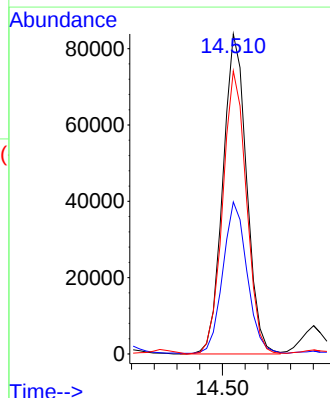
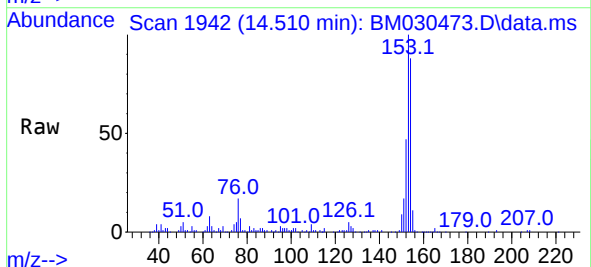
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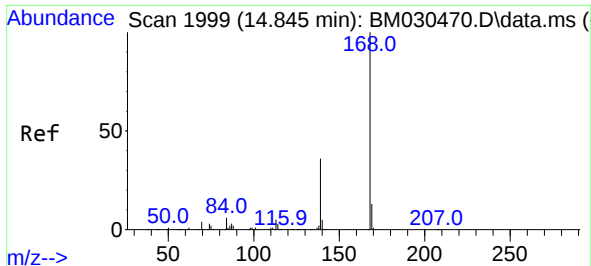
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#52
Acenaphthene
Concen: 4.637 ng/ul
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM030473.D
Acq: 16 Jun 2021 19:20

Tgt Ion:153 Resp: 121707
Ion Ratio Lower Upper
153 100
152 47.5 39.0 58.4
154 88.4 71.7 107.5





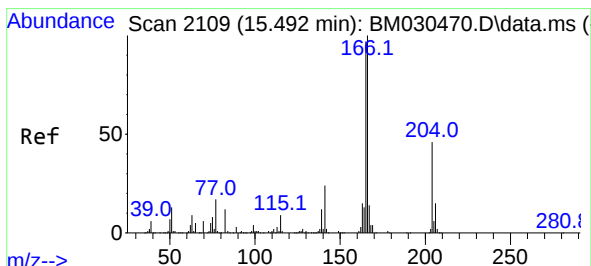
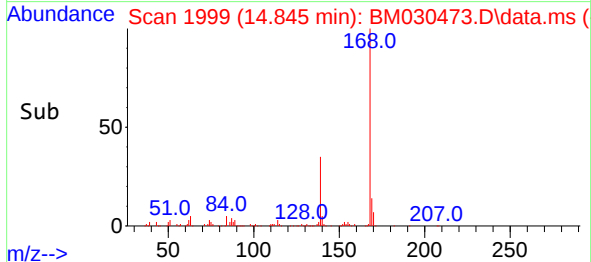
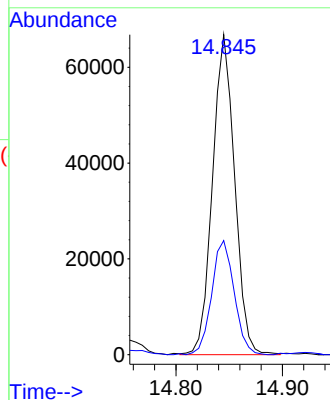
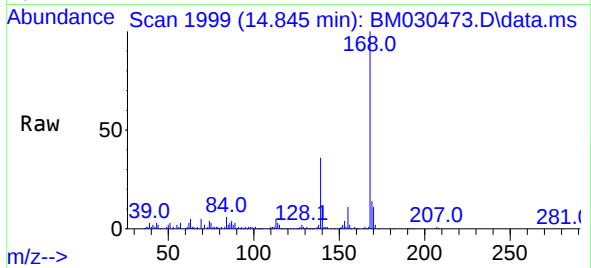
#56
Dibenzenofuran
Concen: 2.644 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BM030473.D
Acq: 16 Jun 2021 19:20

Tgt Ion:168 Resp: 96550
Ion Ratio Lower Upper
168 100
139 35.6 29.4 44.0

Instrument :
BNA_M
ClientSampleId :
BG5Q7

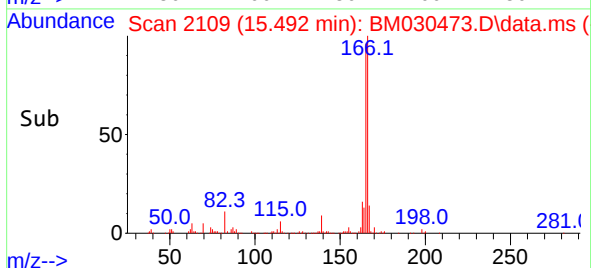
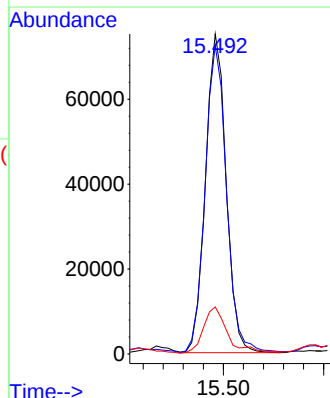
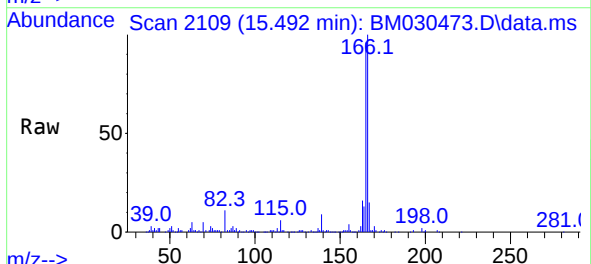
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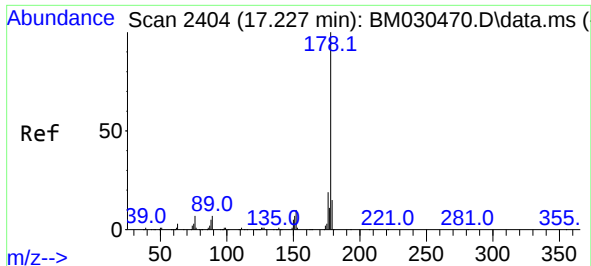
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#61
Fluorene
Concen: 3.505 ng/ul
RT: 15.492 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM030473.D
Acq: 16 Jun 2021 19:20

Tgt Ion:166 Resp: 107464
Ion Ratio Lower Upper
166 100
165 96.4 77.0 115.6
167 14.7 10.5 15.7





#72
Phenanthrene
Concen: 29.728 ng/ul
RT: 17.227 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM030473.D
Acq: 16 Jun 2021 19:20

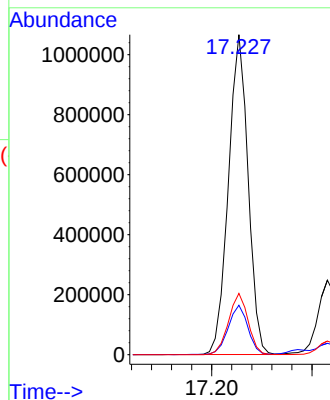
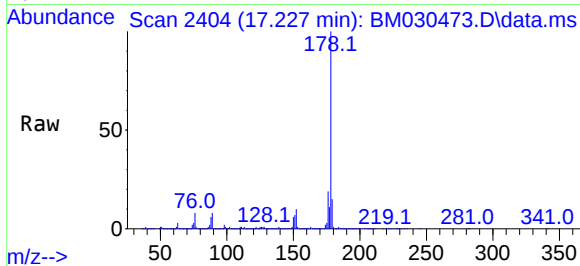
Tgt Ion:178 Resp: 1452505

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.1	15.0	22.6

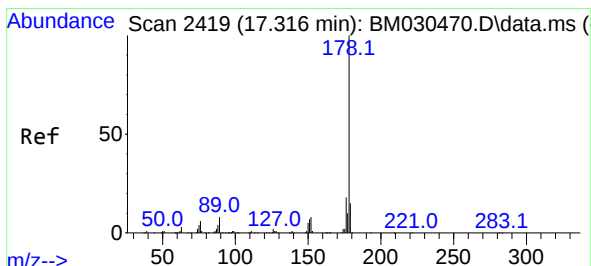
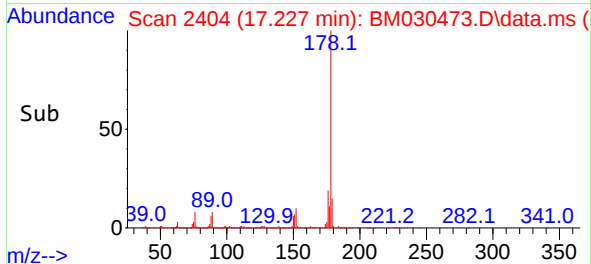
Instrument :
BNA_M
ClientSampleId :
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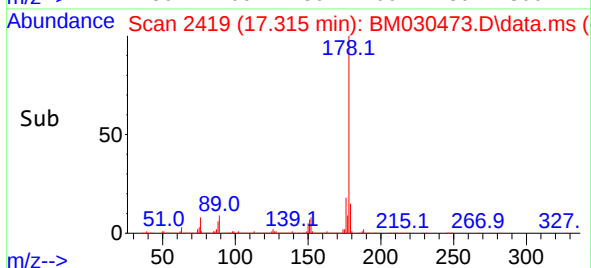
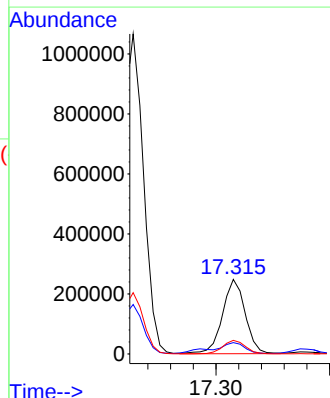
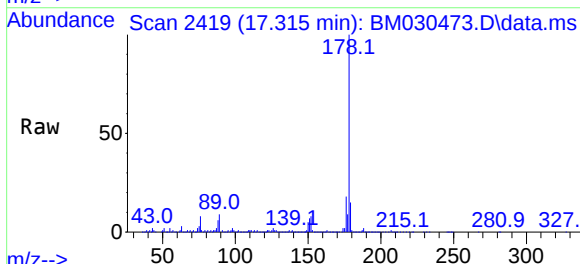
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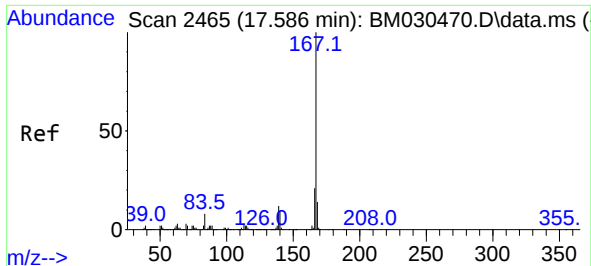


#74
Anthracene
Concen: 7.010 ng/ul
RT: 17.315 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BM030473.D
Acq: 16 Jun 2021 19:20

Tgt Ion:178 Resp: 345692

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.5	18.7
176	18.3	15.0	22.4





#77
 Carbazole
 Concen: 2.087 ng/ul
 RT: 17.586 min Scan# 2465
 Delta R.T. 0.000 min
 Lab File: BM030473.D
 Acq: 16 Jun 2021 19:20

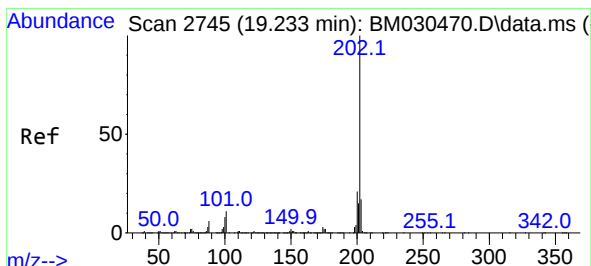
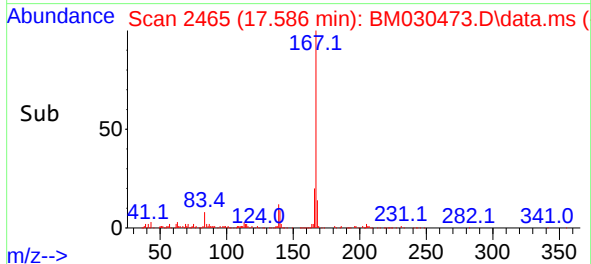
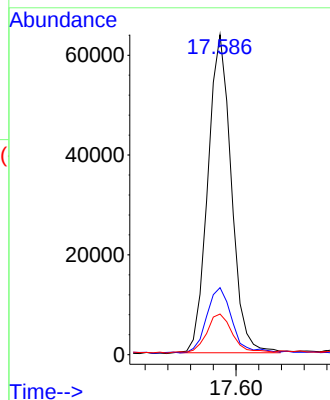
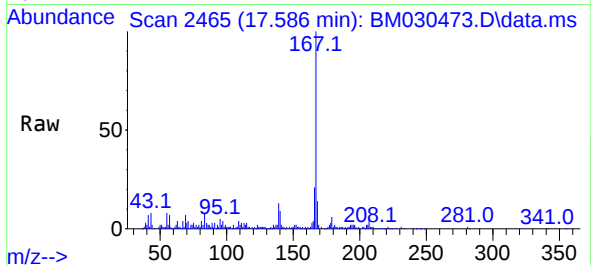
Tgt Ion:	167	Resp:	91407
Ion	Ratio	Lower	Upper
167	100		
166	20.9	16.7	25.1
139	12.7	9.8	14.8

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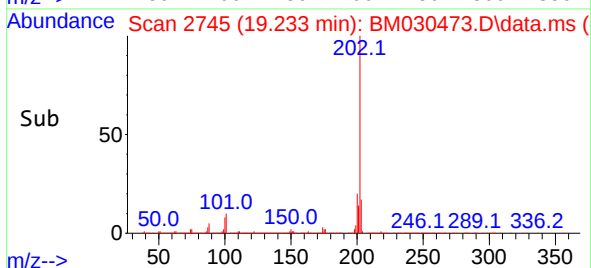
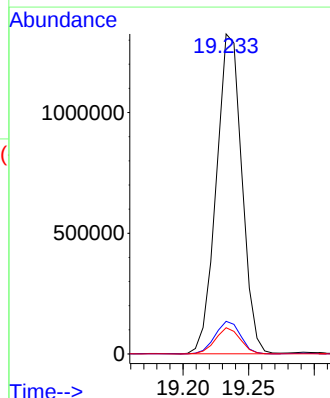
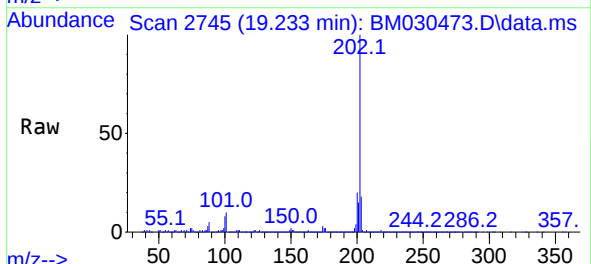
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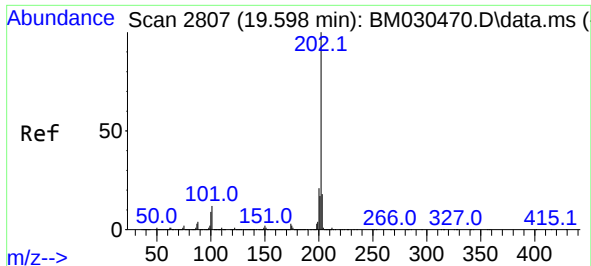
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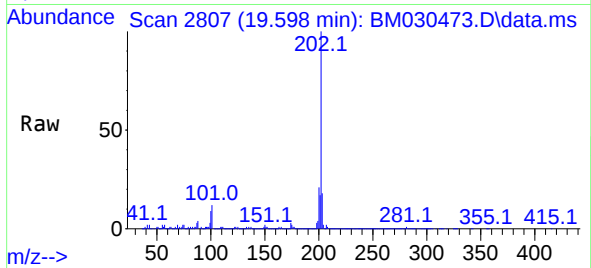
#80
 Fluoranthene
 Concen: 28.363 ng/ul
 RT: 19.233 min Scan# 2745
 Delta R.T. 0.000 min
 Lab File: BM030473.D
 Acq: 16 Jun 2021 19:20

Tgt Ion:	202	Resp:	1796388
Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.7	13.1
100	8.2	6.6	10.0

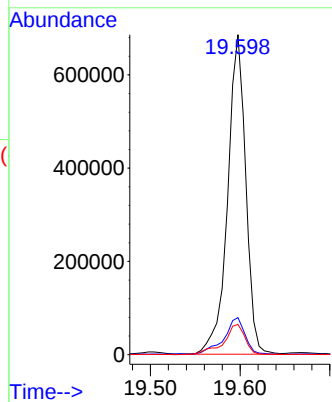




#82
Pyrene
Concen: 14.337 ng/ul
RT: 19.598 min Scan# 2807
Delta R.T. 0.000 min
Lab File: BM030473.D
Acq: 16 Jun 2021 19:20



Tgt Ion:202 Resp: 960292
Ion Ratio Lower Upper
202 100
101 11.6 10.8 16.2
100 9.5 9.1 13.7

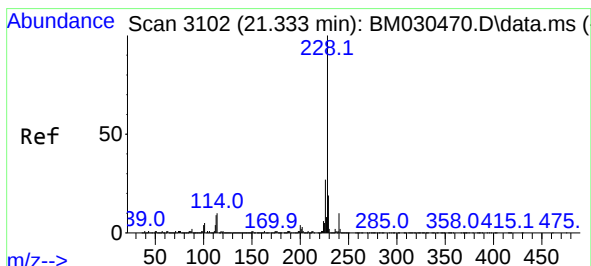


Instrument :
BNA_M
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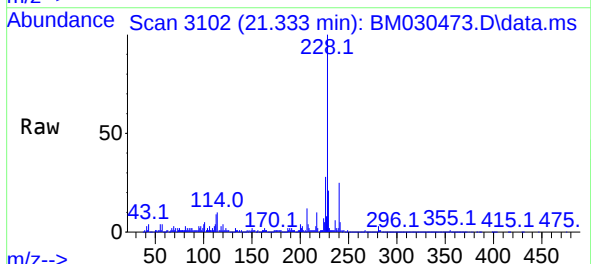
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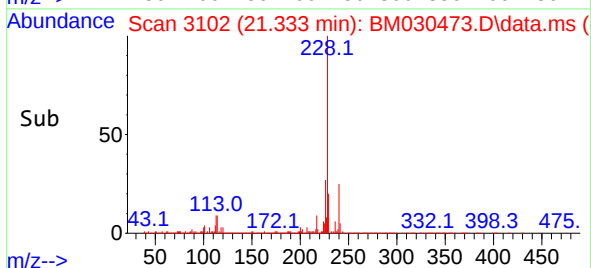
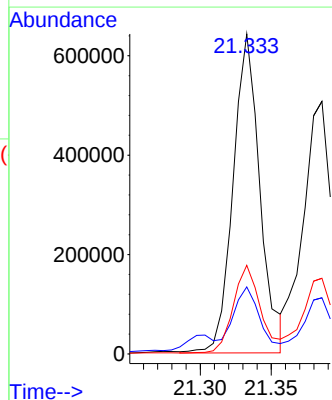
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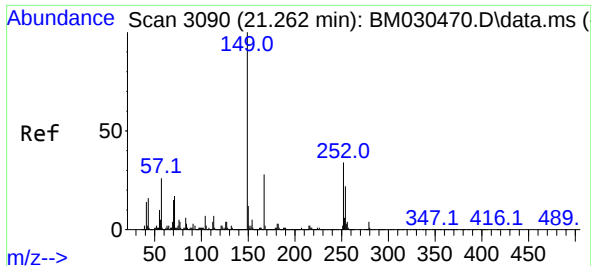


#85
Benzo(a)anthracene
Concen: 14.206 ng/ul
RT: 21.333 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM030473.D
Acq: 16 Jun 2021 19:20



Tgt Ion:228 Resp: 845276
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 27.7 22.2 33.2





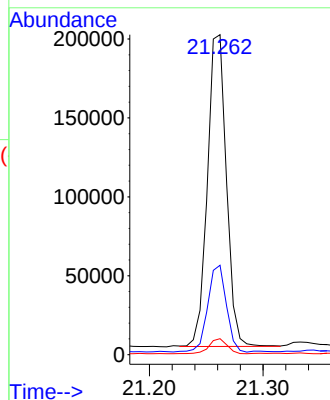
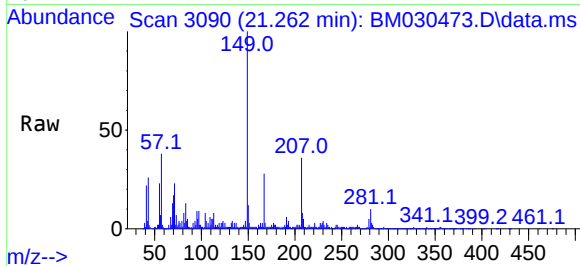
#86
Bis(2-ethylhexyl)phthalate
Concen: 7.181 ng/ul
RT: 21.262 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BM030473.D
Acq: 16 Jun 2021 19:20

Tgt Ion:149 Resp: 229002
Ion Ratio Lower Upper
149 100
167 28.0 20.9 31.3
279 5.0 3.0 4.6#

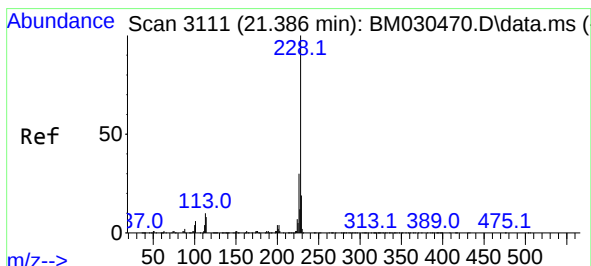
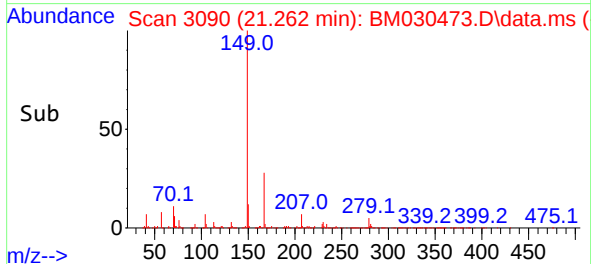
Instrument :
BNA_M
ClientSampleId :
BG5Q7

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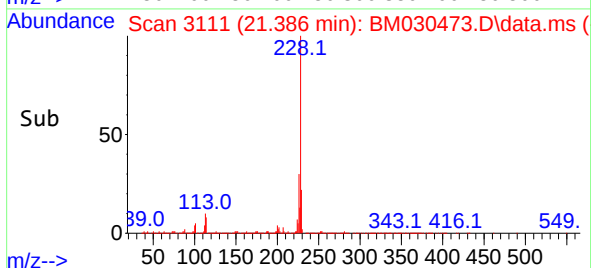
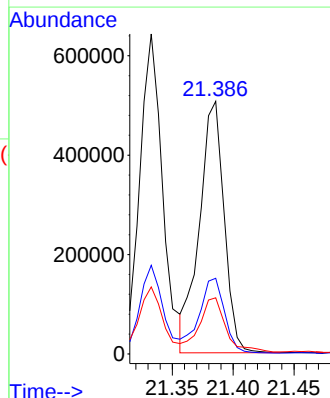
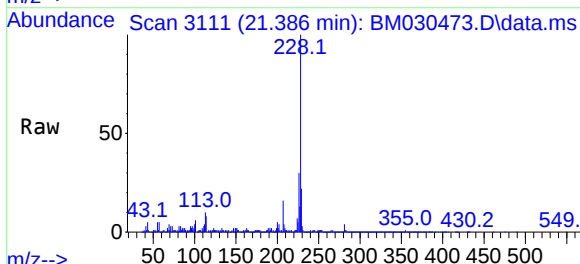


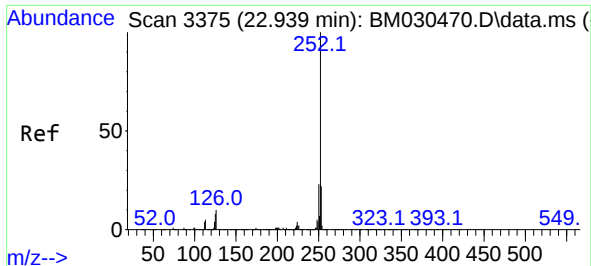
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#87
Chrysene
Concen: 12.199 ng/ul
RT: 21.386 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM030473.D
Acq: 16 Jun 2021 19:20

Tgt Ion:228 Resp: 715706
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.2
229 22.2 15.8 23.6





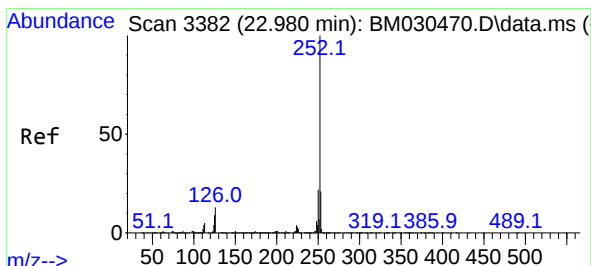
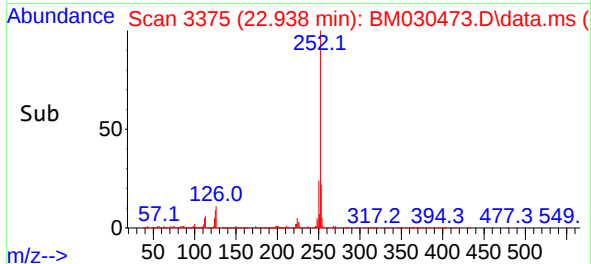
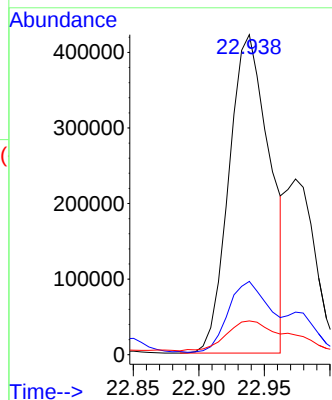
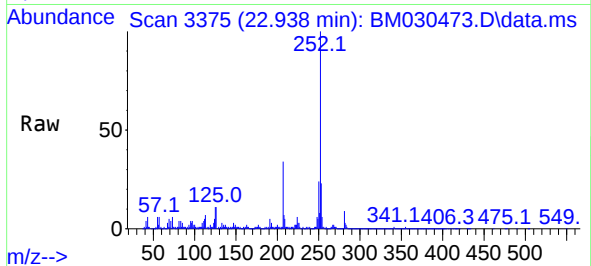
#90
Benzo(b)fluoranthene
Concen: 13.139 ng/ul
RT: 22.938 min Scan# 3375
Delta R.T. 0.006 min
Lab File: BM030473.D
Acq: 16 Jun 2021 19:20

Instrument :
BNA_M
ClientSampleId :
BG5Q7

Tgt Ion:252 Resp: 911566
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 10.6 8.6 13.0

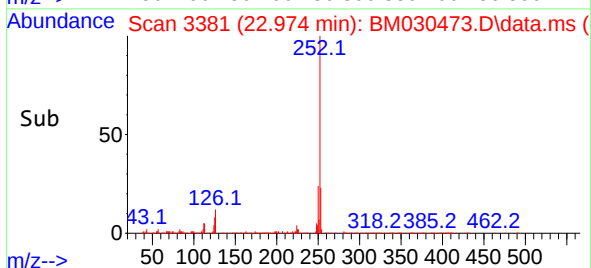
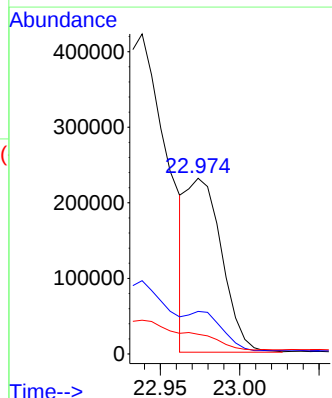
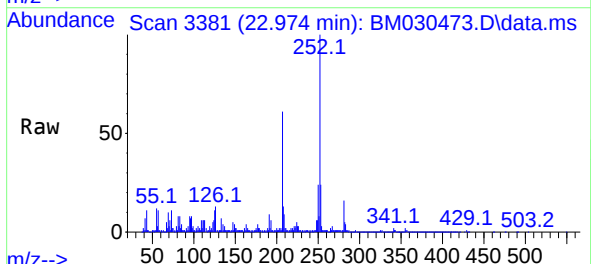
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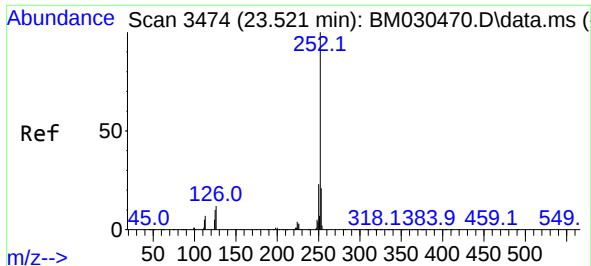
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#91
Benzo(k)fluoranthene
Concen: 5.364 ng/ul m
RT: 22.974 min Scan# 3381
Delta R.T. 0.000 min
Lab File: BM030473.D
Acq: 16 Jun 2021 19:20

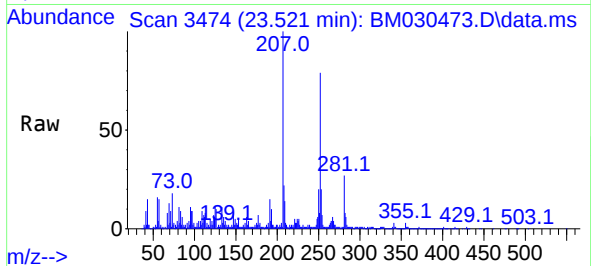
Tgt Ion:252 Resp: 355480
Ion Ratio Lower Upper
252 100
253 24.2 17.9 26.9
125 11.2 8.4 12.6





#93
Benzo(a)pyrene
Concen: 3.417 ng/ul
RT: 23.521 min Scan# 3474
Delta R.T. 0.006 min
Lab File: BM030473.D
Acq: 16 Jun 2021 19:20

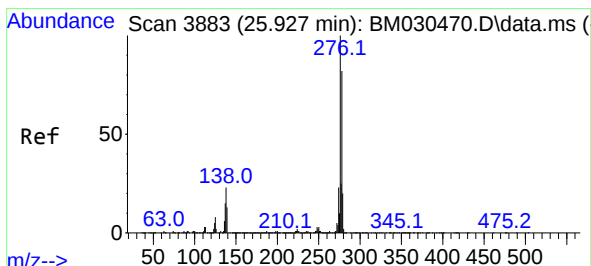
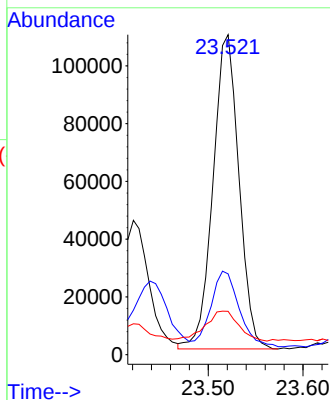
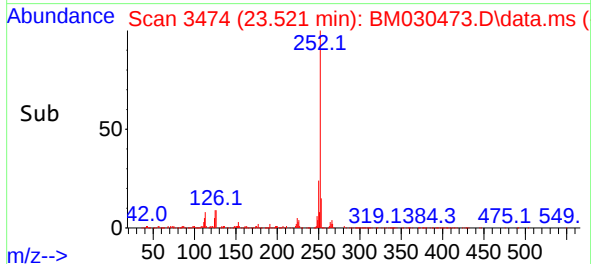
Instrument :
BNA_M
ClientSampled :
BG5Q7



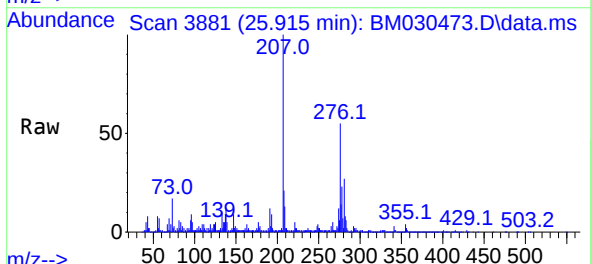
Tgt Ion:252 Resp: 207195
Ion Ratio Lower Upper
252 100
253 25.2 17.8 26.8
125 13.5 9.5 14.3

Manual Integrations
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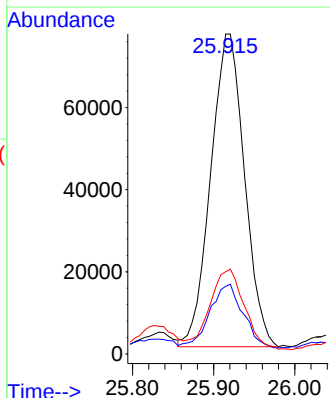
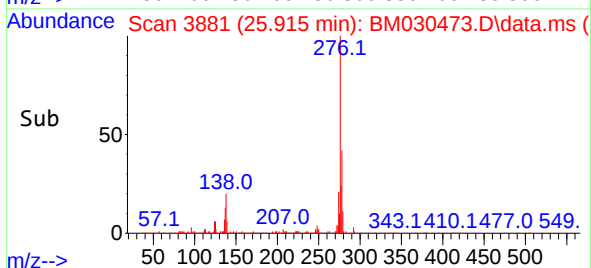
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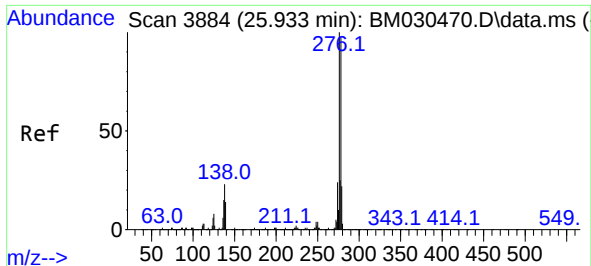


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.953 ng/ul
RT: 25.915 min Scan# 3881
Delta R.T. 0.000 min
Lab File: BM030473.D
Acq: 16 Jun 2021 19:20



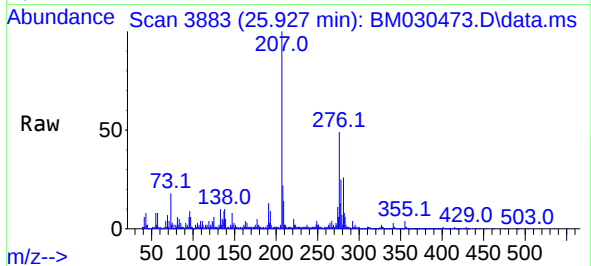
Tgt Ion:276 Resp: 220431
Ion Ratio Lower Upper
276 100
138 21.2 21.8 32.6#
277 25.7 20.3 30.5





#95
 Dibenzo(a,h)anthracene
 Concen: 1.784 ng/ul
 RT: 25.927 min Scan# 3883
 Delta R.T. -0.000 min
 Lab File: BM030473.D
 Acq: 16 Jun 2021 19:20

Instrument :
 BNA_M
 ClientSampleId :
 BG5Q7



Tgt Ion:278 Resp: 112093
 Ion Ratio Lower Upper
 278 100
 139 18.5 13.4 20.2
 279 28.5 18.6 28.0#

Manual Integrations
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