

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
 Data File : BM030478.D
 Acq On : 16 Jun 2021 22:23
 Operator : CG/JU
 Sample : M2596-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG5Q2

Manual Integrations
 APPROVED

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Quant Time: Jun 17 04:13:01 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	186817	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	713176	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	436255	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	910905m	20.000	ng/ul	0.00
79) Chrysene-d12	21.351	240	1007582	20.000	ng/ul	0.00
88) Perylene-d12	23.627	264	1111262	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	5870m	1.200	ng/uL	0.00
4) Pyridine-d5	3.758	84	25597m	1.991	ng/ul	0.04
7) Phenol-d5	6.993	99	216065	13.307	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	136298	13.006	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	186133	15.851	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	142175	10.964	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	81178	16.629	ng/ul	0.00
24) 2-Nitrophenol-d4	9.699	143	89693	18.499	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	172469	16.330	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	117889	7.302	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	476160	15.905	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	616456	16.482	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	62491	11.151	ng/ul	0.01
60) Fluorene-d10	15.439	176	438014	16.342	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	20394m	3.879	ng/ul	0.00
73) Anthracene-d10	17.280	188	680871	16.434	ng/ul	0.00
81) Pyrene-d10	19.568	212	741114	14.053	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.480	264	792407	14.300	ng/ul	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.227	178	124645m	2.531	ng/ul	
80) Fluoranthene	19.233	202	285775	4.410	ng/ul	98
82) Pyrene	19.598	202	250373	3.653	ng/ul	95
85) Benzo(a)anthracene	21.333	228	190825	3.134	ng/ul#	94
86) Bis(2-ethylhexyl)phtha...	21.262	149	95828	2.937	ng/ul#	93
87) Chrysene	21.386	228	186604	3.109	ng/ul#	96
90) Benzo(b)fluoranthene	22.939	252	253449	3.548	ng/ul#	59
91) Benzo(k)fluoranthene	22.980	252	86067m	1.261	ng/ul	
93) Benzo(a)pyrene	23.527	252	108348	1.735	ng/ul#	83
94) Indeno(1,2,3-cd)pyrene	25.927	276	112781	1.468	ng/ul	92

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

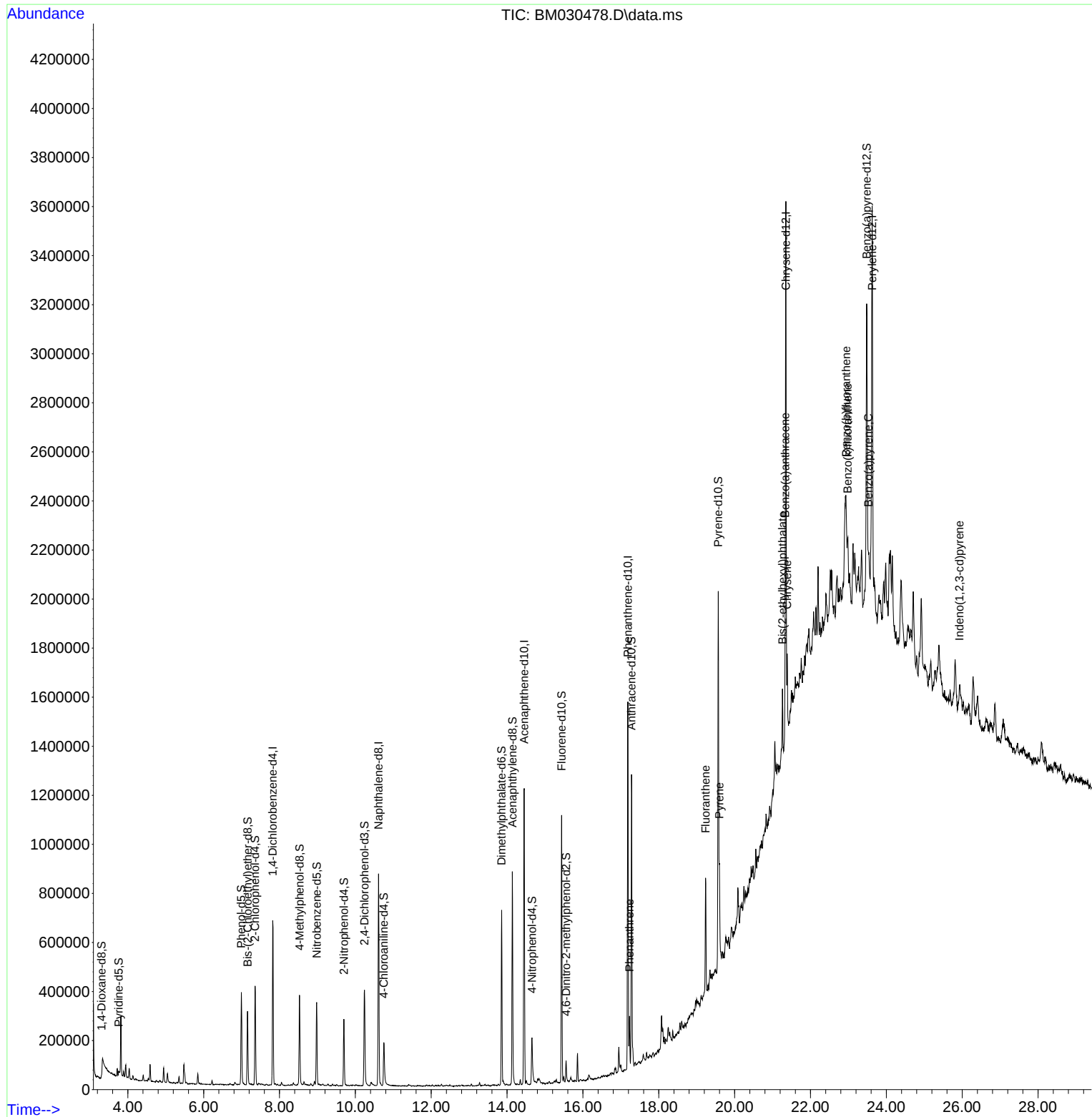
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
Data File : BM030478.D
Acq On : 16 Jun 2021 22:23
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ALS Vial : 16 Sample Multiplier: 1

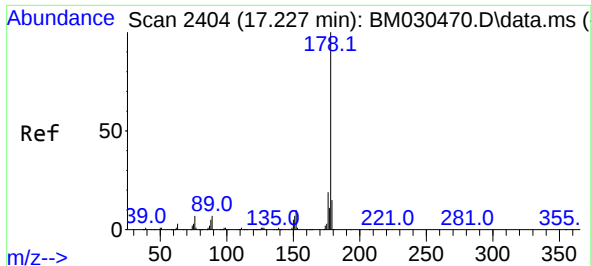
Instrument :
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Quant Title : SVOA CALIBRATION
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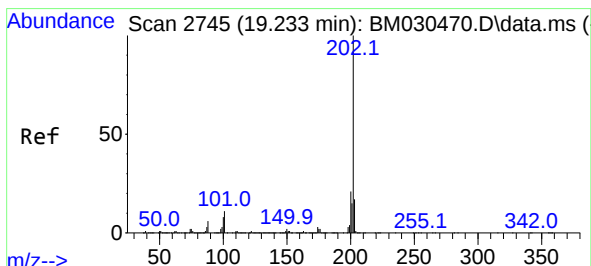
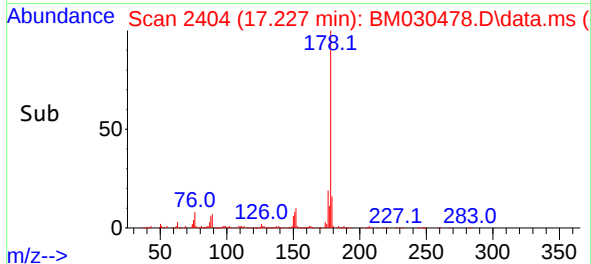
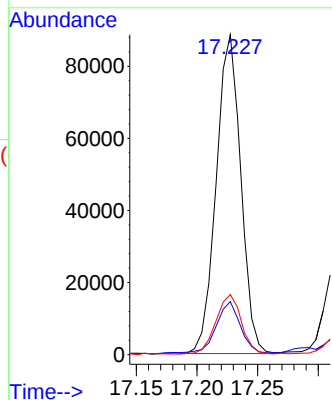
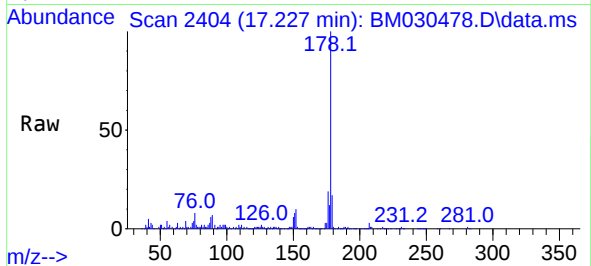
#72
Phenanthrene
Concen: 2.531 ng/ul m
RT: 17.227 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM030478.D
Acq: 16 Jun 2021 22:23

Tgt Ion:178 Resp: 124645
Ion Ratio Lower Upper
178 100
179 16.6 12.2 18.2
176 18.8 15.0 22.6

Instrument :
BNA_M
ClientSampled :
BG5Q2

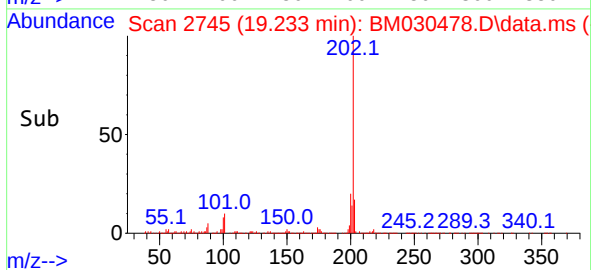
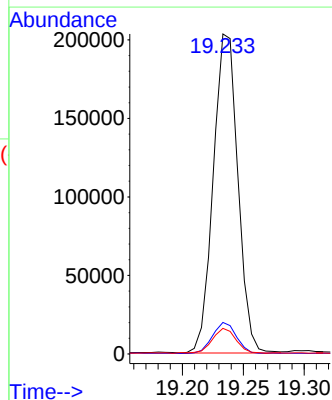
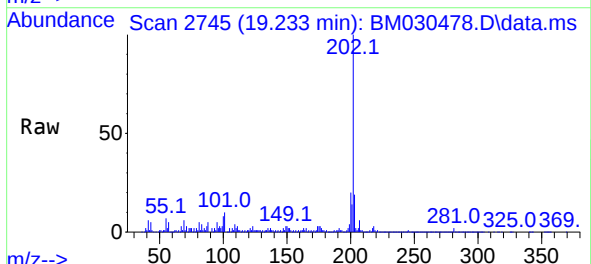
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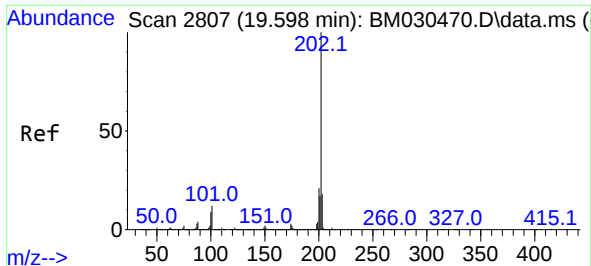
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#80
Fluoranthene
Concen: 4.410 ng/ul
RT: 19.233 min Scan# 2745
Delta R.T. 0.000 min
Lab File: BM030478.D
Acq: 16 Jun 2021 22:23

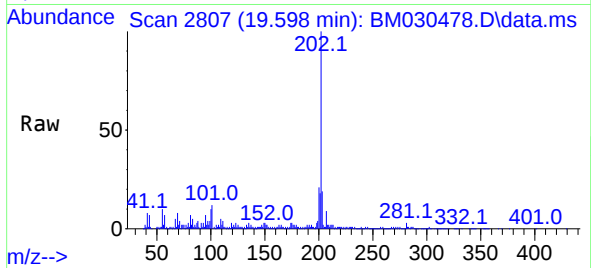
Tgt Ion:202 Resp: 285775
Ion Ratio Lower Upper
202 100
101 9.8 8.7 13.1
100 8.0 6.6 10.0





#82
Pyrene
Concen: 3.653 ng/ul
RT: 19.598 min Scan# 2807
Delta R.T. 0.000 min
Lab File: BM030478.D
Acq: 16 Jun 2021 22:23

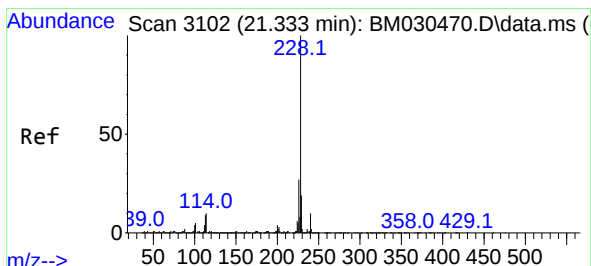
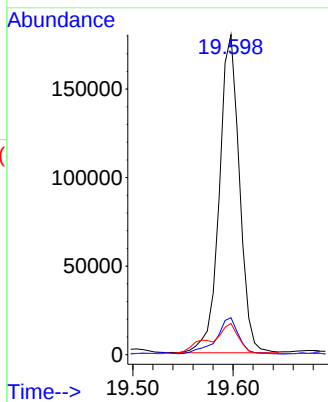
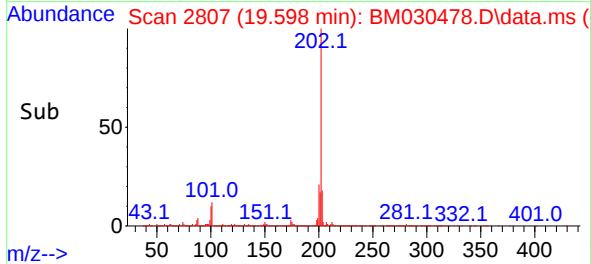
Instrument :
BNA_M
ClientSampled :
BG5Q2



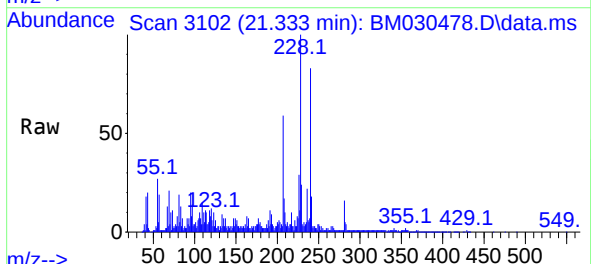
Tgt Ion:202 Resp: 250373
Ion Ratio Lower Upper
202 100
101 11.5 10.8 16.2
100 9.8 9.1 13.7

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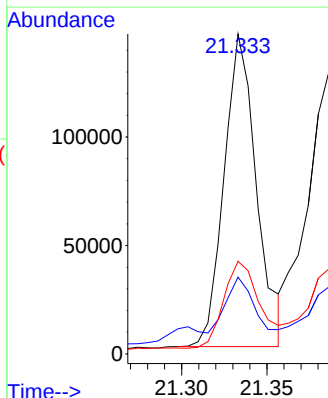
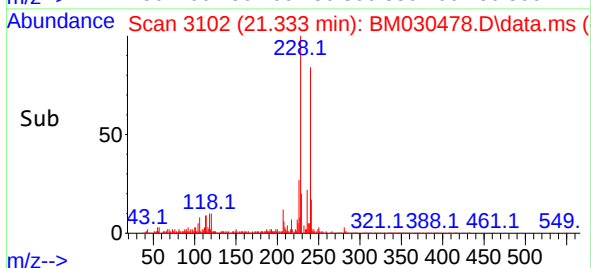
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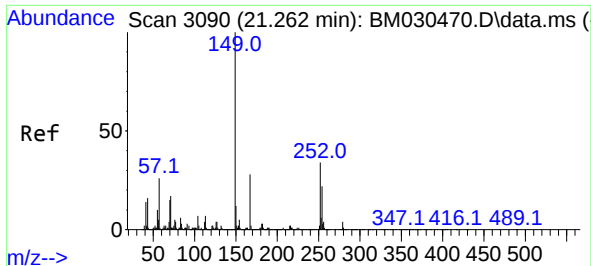


#85
Benzo(a)anthracene
Concen: 3.134 ng/ul
RT: 21.333 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM030478.D
Acq: 16 Jun 2021 22:23



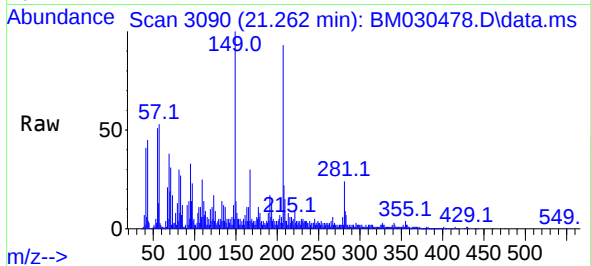
Tgt Ion:228 Resp: 190825
Ion Ratio Lower Upper
228 100
229 24.0 15.6 23.4#
226 29.0 22.2 33.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.937 ng/ul
RT: 21.262 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BM030478.D
Acq: 16 Jun 2021 22:23

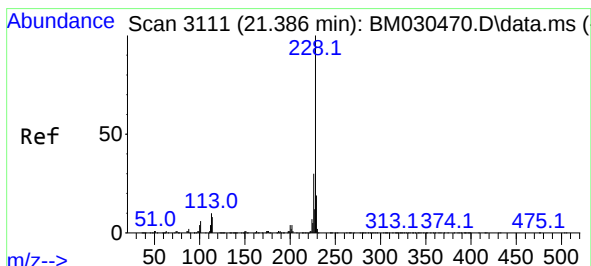
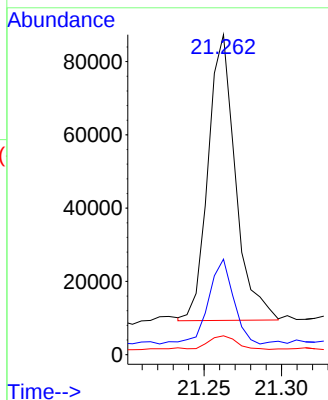
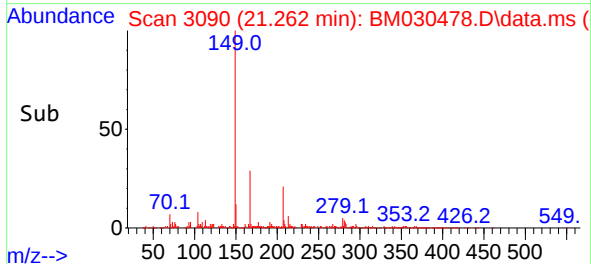
Instrument :
BNA_M
ClientSampled :
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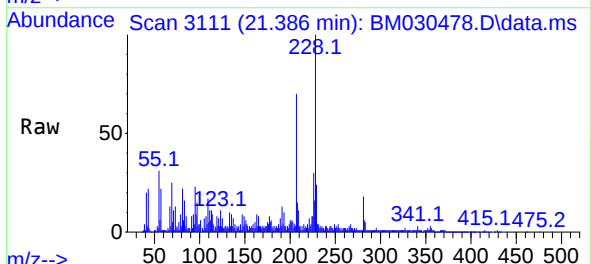
Tgt Ion:149 Resp: 95828
Ion Ratio Lower Upper
149 100
167 29.9 20.9 31.3
279 5.9 3.0 4.6#

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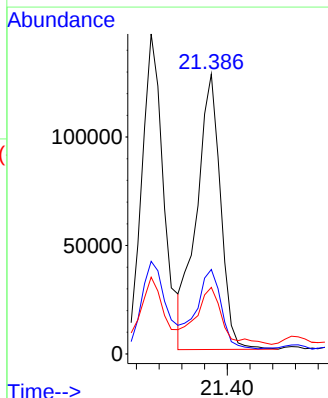
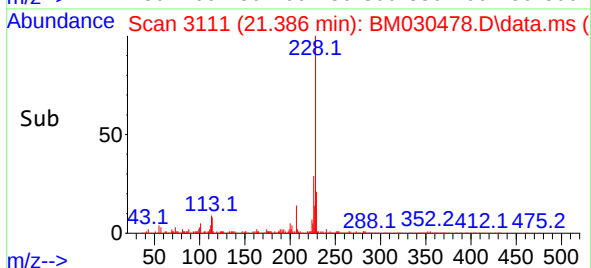
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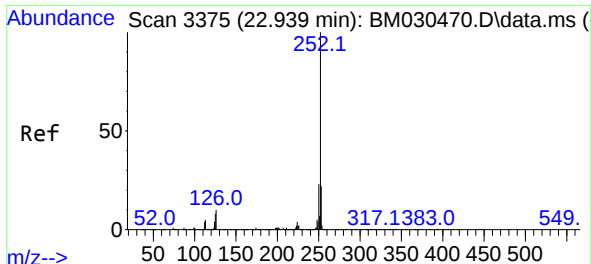


#87
Chrysene
Concen: 3.109 ng/ul
RT: 21.386 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM030478.D
Acq: 16 Jun 2021 22:23



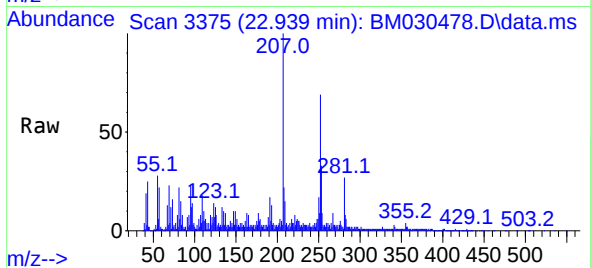
Tgt Ion:228 Resp: 186604
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 23.8 15.8 23.6#





#90
Benzo(b)fluoranthene
Concen: 3.548 ng/ul
RT: 22.939 min Scan# 3375
Delta R.T. 0.006 min
Lab File: BM030478.D
Acq: 16 Jun 2021 22:23

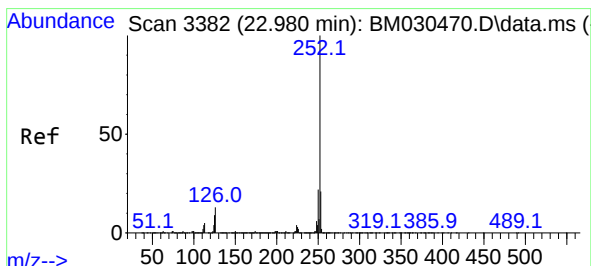
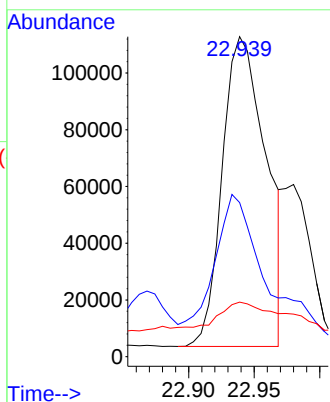
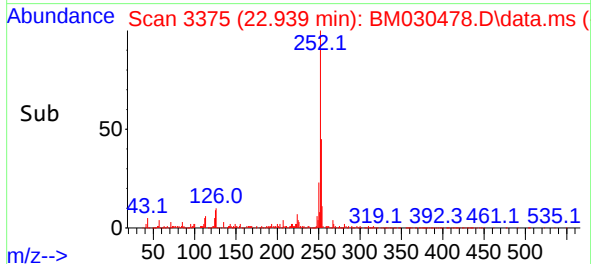
Instrument :
BNA_M
ClientSampleId :
BG5Q2



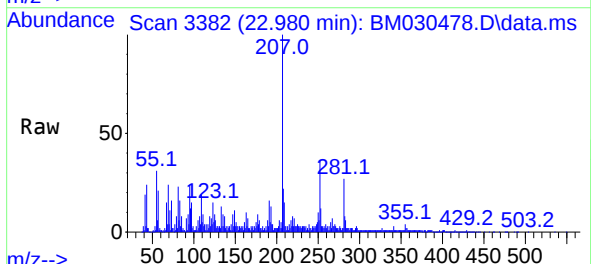
Tgt Ion:252 Resp: 253449
Ion Ratio Lower Upper
252 100
253 48.1 18.0 27.0#
125 17.1 8.6 13.0#

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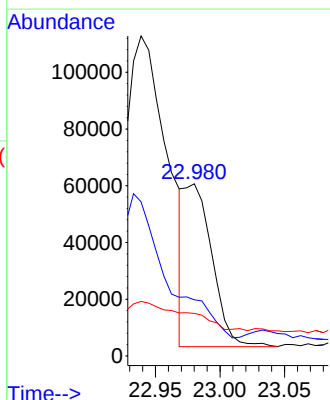
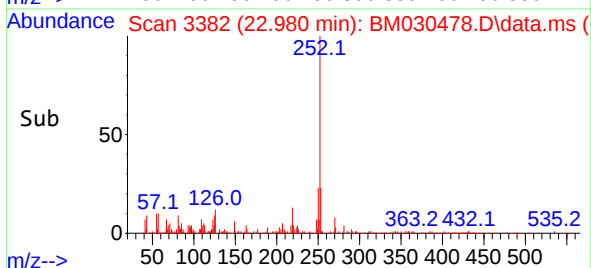
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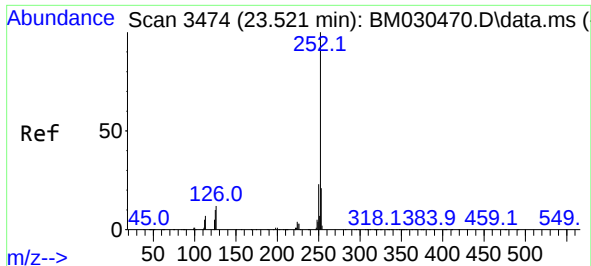


#91
Benzo(k)fluoranthene
Concen: 1.261 ng/ul m
RT: 22.980 min Scan# 3382
Delta R.T. 0.006 min
Lab File: BM030478.D
Acq: 16 Jun 2021 22:23



Tgt Ion:252 Resp: 86067
Ion Ratio Lower Upper
252 100
253 32.6 17.9 26.9#
125 24.7 8.4 12.6#





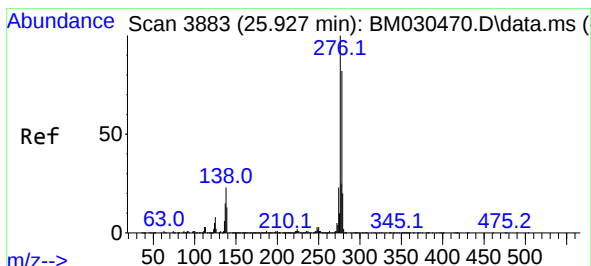
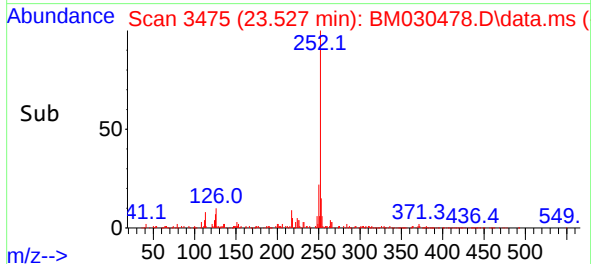
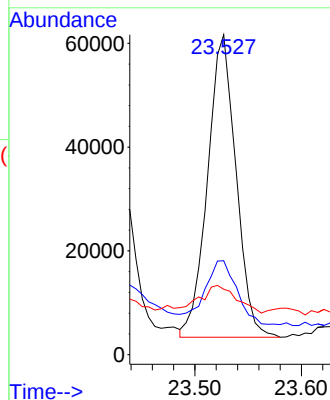
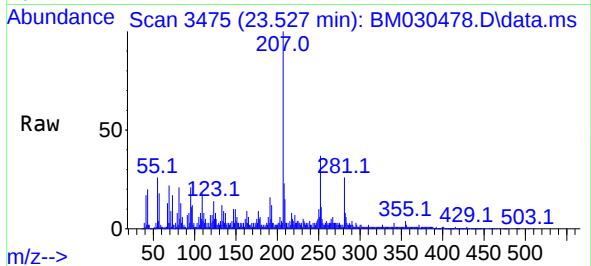
#93
Benzo(a)pyrene
Concen: 1.735 ng/ul
RT: 23.527 min Scan# 3475
Delta R.T. 0.012 min
Lab File: BM030478.D
Acq: 16 Jun 2021 22:23

Tgt Ion:252 Resp: 108348
Ion Ratio Lower Upper
252 100
253 29.3 17.8 26.8#
125 20.4 9.5 14.3#

Instrument :
BNA_M
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Manual Integrations
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#94
Indeno(1,2,3-cd)pyrene
Concen: 1.468 ng/ul
RT: 25.927 min Scan# 3883
Delta R.T. 0.012 min
Lab File: BM030478.D
Acq: 16 Jun 2021 22:23

Tgt Ion:276 Resp: 112781
Ion Ratio Lower Upper
276 100
138 23.6 21.8 32.6
277 30.1 20.3 30.5

