

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
 Data File : BM030480.D
 Acq On : 16 Jun 2021 23:36
 Operator : CG/JU
 Sample : M2596-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG5Q5

Manual Integrations
 APPROVED

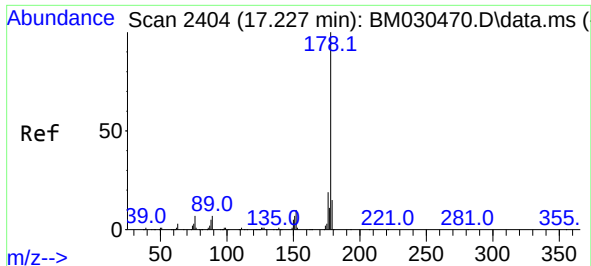
mohammad
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Quant Time: Jun 17 04:13:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 16 18:05:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	170826	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	639957	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	389590	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	797331	20.000	ng/ul	0.00
79) Chrysene-d12	21.350	240	918735	20.000	ng/ul	0.00
88) Perylene-d12	23.633	264	1016814	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.304	96	8632	1.929	ng/uL	0.00
4) Pyridine-d5	3.763	84	19391m	1.650	ng/ul	0.05
7) Phenol-d5	6.998	99	256768	17.294	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	165165	17.237	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	225442	20.996	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	146017	12.314	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	100798	23.010	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	106986	24.590	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	199909	21.094	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	189133	13.055	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	566900	21.204	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	740467	22.169	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	68882	13.764	ng/ul	0.01
60) Fluorene-d10	15.439	176	532486	22.247	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	20491	4.452	ng/ul	0.00
73) Anthracene-d10	17.286	188	809168	22.312	ng/ul	0.00
81) Pyrene-d10	19.568	212	746263	15.519	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.480	264	746717	14.727	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.227	178	359985	8.350	ng/ul	98
74) Anthracene	17.321	178	82482	1.896	ng/ul	97
80) Fluoranthene	19.239	202	712356	12.056	ng/ul	96
82) Pyrene	19.598	202	427942	6.848	ng/ul	95
83) Butylbenzylphthalate	20.492	149	21774	1.110	ng/ul#	75
85) Benzo(a)anthracene	21.339	228	425909	7.672	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.262	149	231102	7.768	ng/ul#	93
87) Chrysene	21.386	228	414209m	7.567	ng/ul	
90) Benzo(b)fluoranthene	22.944	252	547964	8.384	ng/ul#	92
91) Benzo(k)fluoranthene	22.986	252	166937m	2.674	ng/ul	
93) Benzo(a)pyrene	23.527	252	128315	2.246	ng/ul#	77
94) Indeno(1,2,3-cd)pyrene	25.927	276	132565	1.885	ng/ul	93
95) Dibenzo(a,h)anthracene	25.932	278	68820	1.163	ng/ul#	77

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



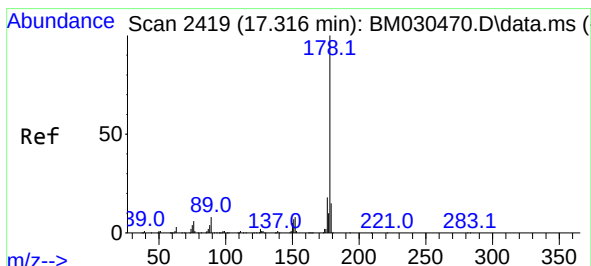
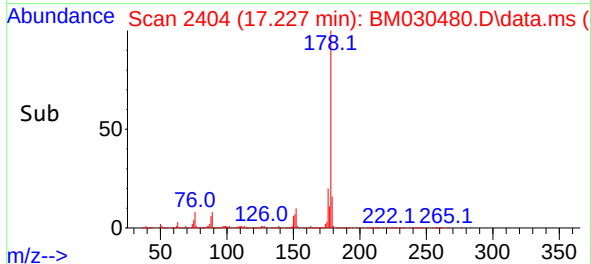
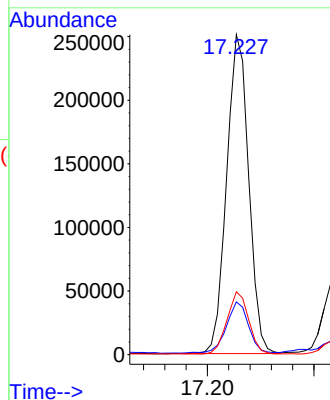
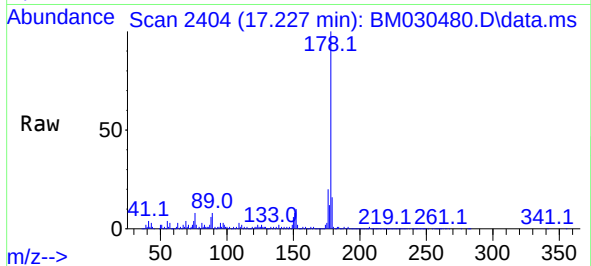
#72
Phenanthrene
Concen: 8.350 ng/u1
RT: 17.227 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM030480.D
Acq: 16 Jun 2021 23:36

Tgt Ion:178 Resp: 359985
Ion Ratio Lower Upper
178 100
179 16.5 12.2 18.2
176 19.7 15.0 22.6

Instrument :
BNA_M
ClientSampled :
BG5Q5

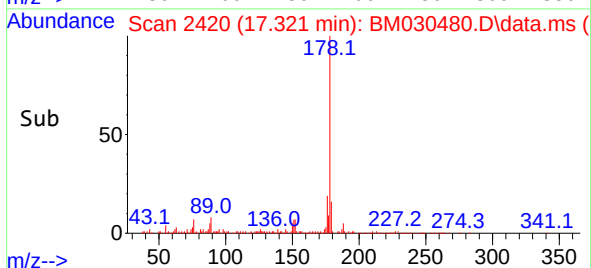
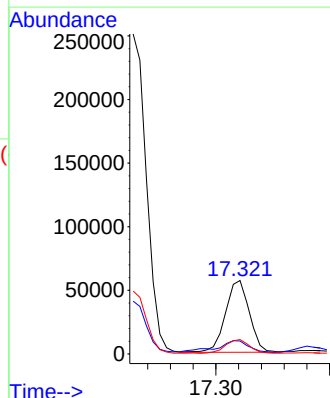
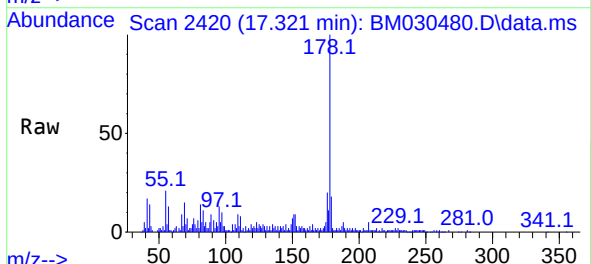
Manual Integrations
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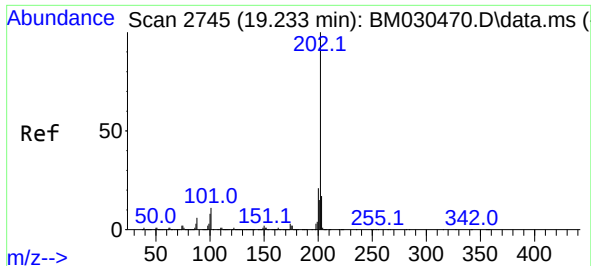
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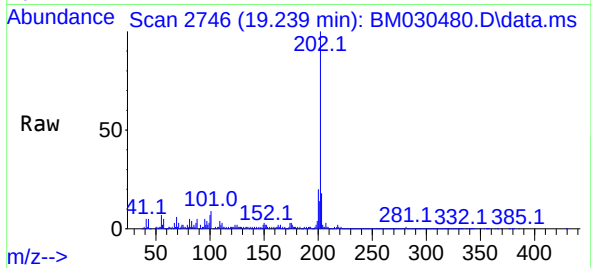
#74
Anthracene
Concen: 1.896 ng/u1
RT: 17.321 min Scan# 2420
Delta R.T. 0.006 min
Lab File: BM030480.D
Acq: 16 Jun 2021 23:36

Tgt Ion:178 Resp: 82482
Ion Ratio Lower Upper
178 100
179 17.6 12.5 18.7
176 19.5 15.0 22.4

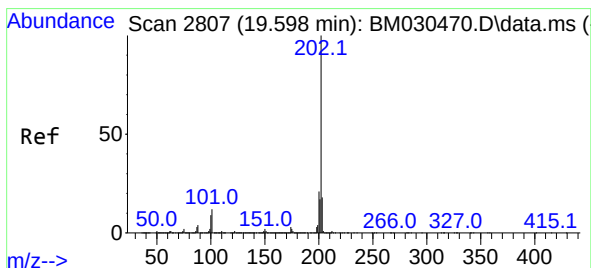
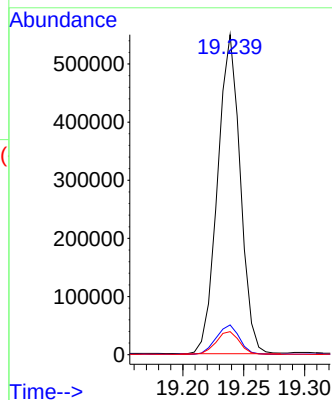
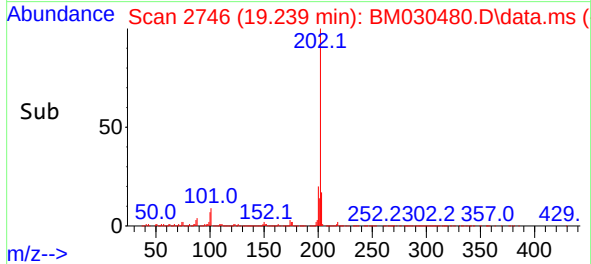




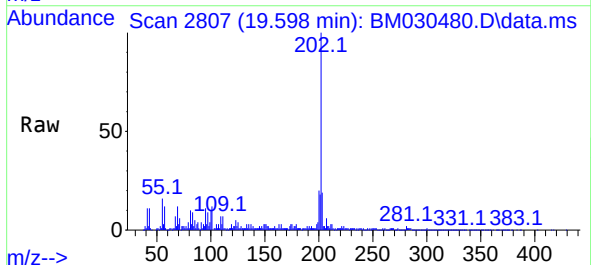
#80
Fluoranthene
Concen: 12.056 ng/u1
RT: 19.239 min Scan# 2746
Delta R.T. 0.006 min
Lab File: BM030480.D
Acq: 16 Jun 2021 23:36



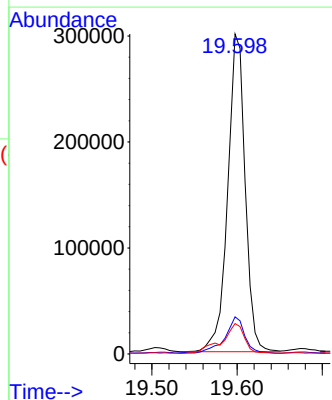
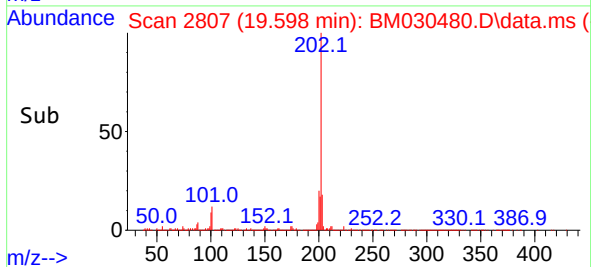
Tgt Ion:202 Resp: 712356
Ion Ratio Lower Upper
202 100
101 9.3 8.7 13.1
100 7.2 6.6 10.0



#82
Pyrene
Concen: 6.848 ng/u1
RT: 19.598 min Scan# 2807
Delta R.T. 0.000 min
Lab File: BM030480.D
Acq: 16 Jun 2021 23:36



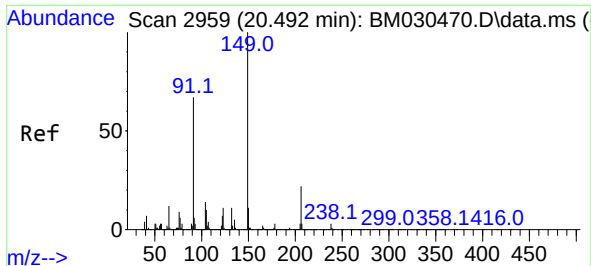
Tgt Ion:202 Resp: 427942
Ion Ratio Lower Upper
202 100
101 11.6 10.8 16.2
100 9.5 9.1 13.7



Instrument :
BNA_M
ClientSampled :
BG5Q5

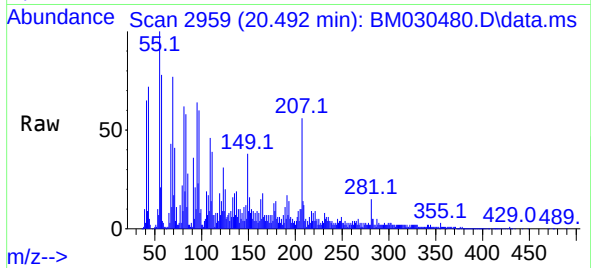
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#83
Butylbenzylphthalate
Concen: 1.110 ng/ul
RT: 20.492 min Scan# 2959
Delta R.T. 0.006 min
Lab File: BM030480.D
Acq: 16 Jun 2021 23:36

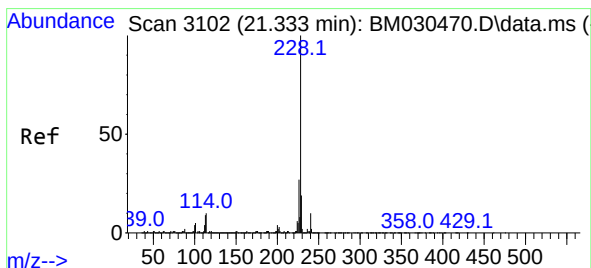
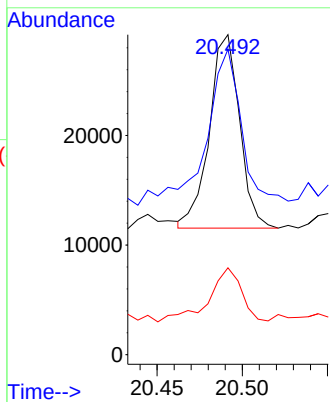
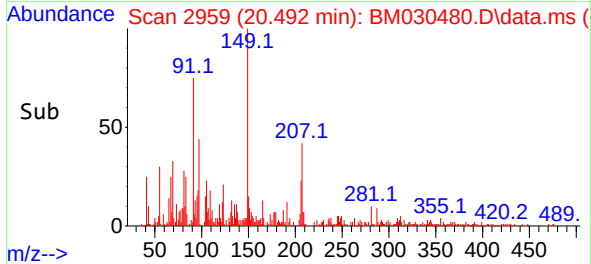
Instrument :
BNA_M
ClientSampled :
BG5Q5



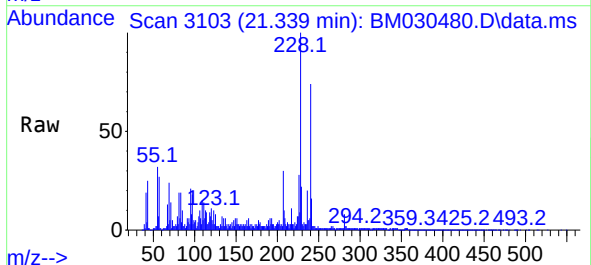
Tgt Ion:149 Resp: 21774
Ion Ratio Lower Upper
149 100
91 95.5 57.4 86.2#
206 27.2 17.3 25.9#

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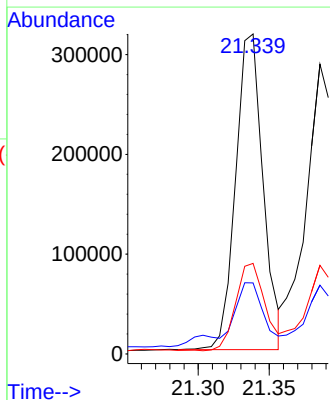
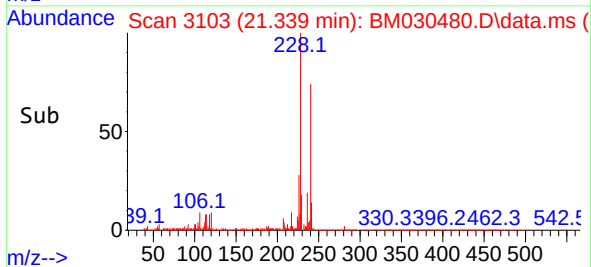
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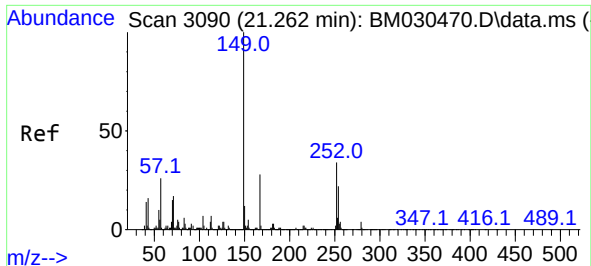


#85
Benzo(a)anthracene
Concen: 7.672 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BM030480.D
Acq: 16 Jun 2021 23:36



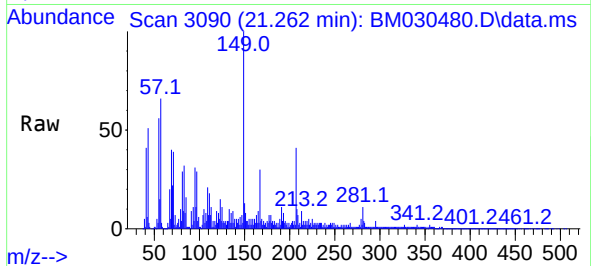
Tgt Ion:228 Resp: 425909
Ion Ratio Lower Upper
228 100
229 22.2 15.6 23.4
226 28.3 22.2 33.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 7.768 ng/ul
RT: 21.262 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BM030480.D
Acq: 16 Jun 2021 23:36

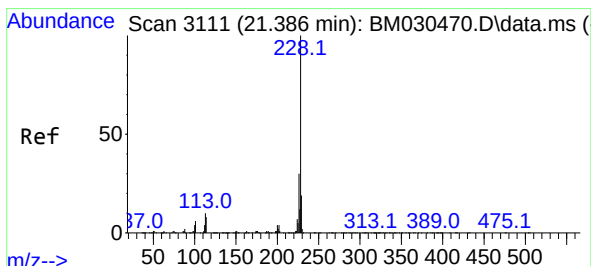
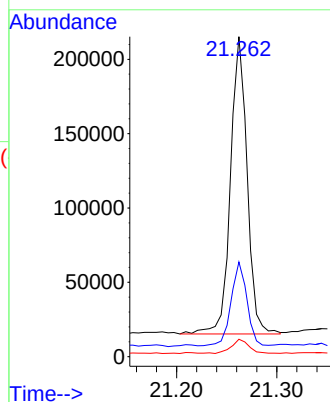
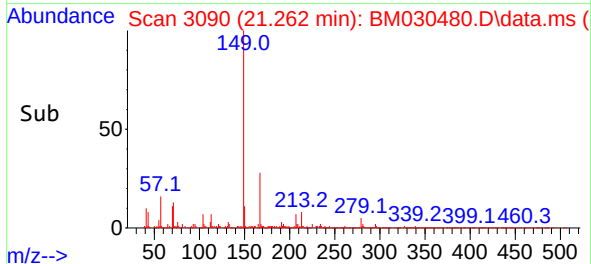
Instrument :
BNA_M
ClientSampleId :
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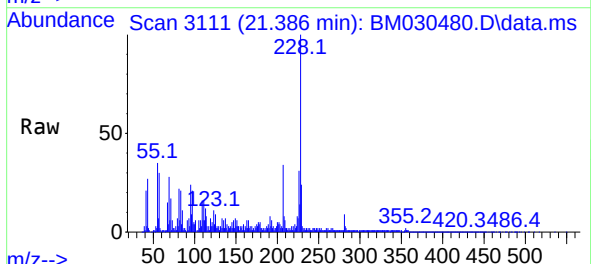
Tgt Ion:149 Resp: 231102
Ion Ratio Lower Upper
149 100
167 29.6 20.9 31.3
279 5.4 3.0 4.6#

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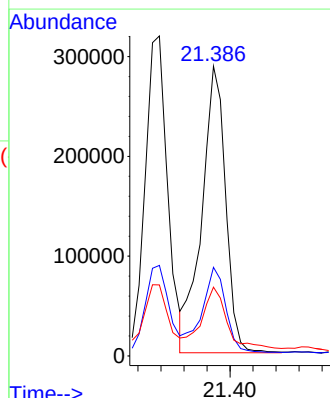
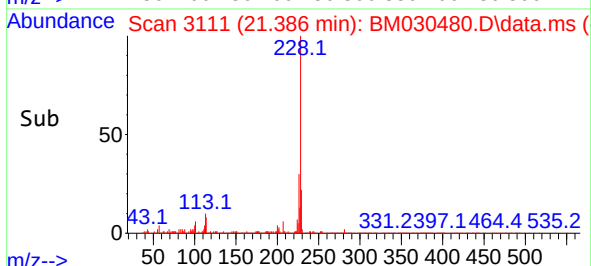
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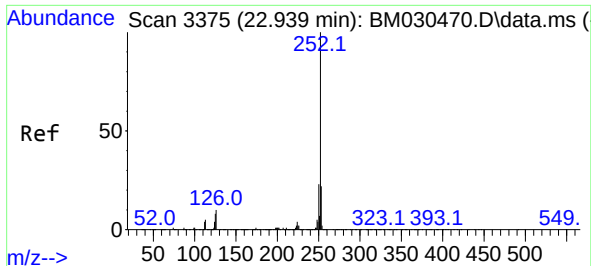


#87
Chrysene
Concen: 7.567 ng/ul m
RT: 21.386 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM030480.D
Acq: 16 Jun 2021 23:36



Tgt Ion:228 Resp: 414209
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.2
229 23.7 15.8 23.6#





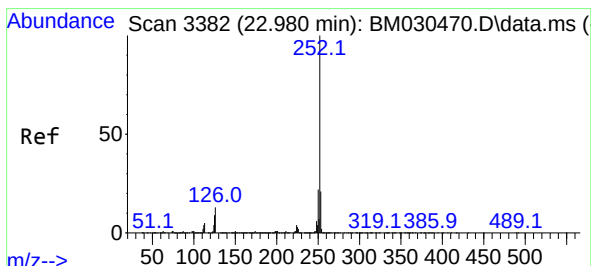
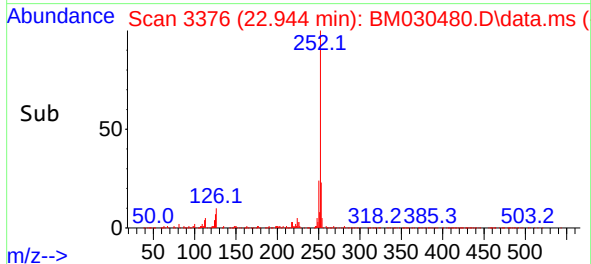
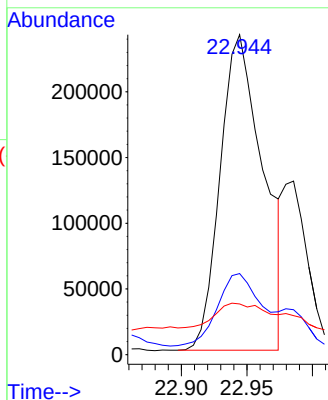
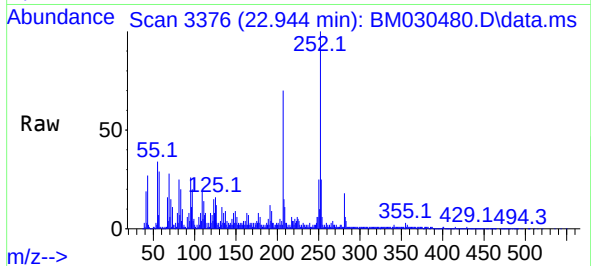
#90
Benzo(b)fluoranthene
Concen: 8.384 ng/ul
RT: 22.944 min Scan# 3376
Delta R.T. 0.012 min
Lab File: BM030480.D
Acq: 16 Jun 2021 23:36

Instrument :
BNA_M
ClientSampled :
BG5Q5

Tgt Ion:252 Resp: 547964
Ion Ratio Lower Upper
252 100
253 25.3 18.0 27.0
125 15.9 8.6 13.0#

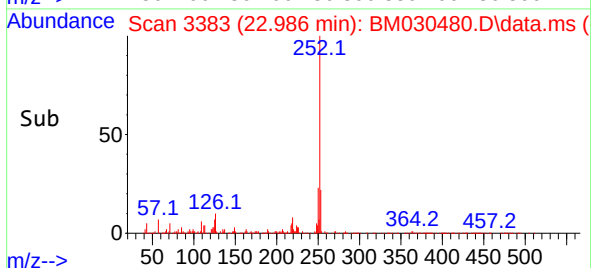
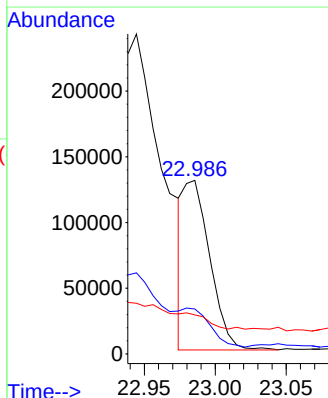
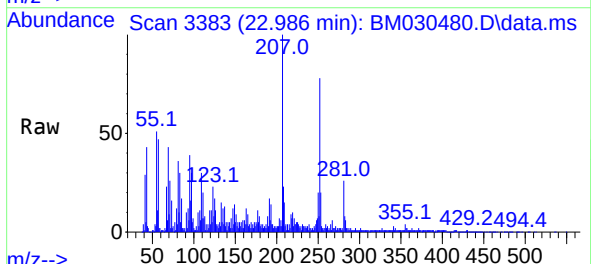
Manual Integrations
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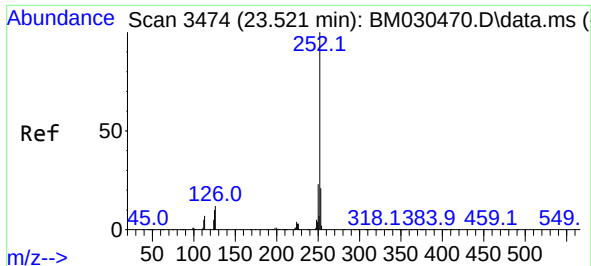
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#91
Benzo(k)fluoranthene
Concen: 2.674 ng/ul m
RT: 22.986 min Scan# 3383
Delta R.T. 0.012 min
Lab File: BM030480.D
Acq: 16 Jun 2021 23:36

Tgt Ion:252 Resp: 166937
Ion Ratio Lower Upper
252 100
253 25.9 17.9 26.9
125 22.5 8.4 12.6#





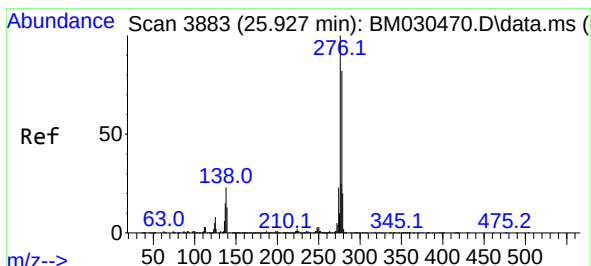
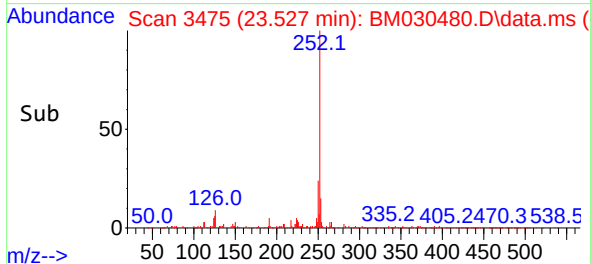
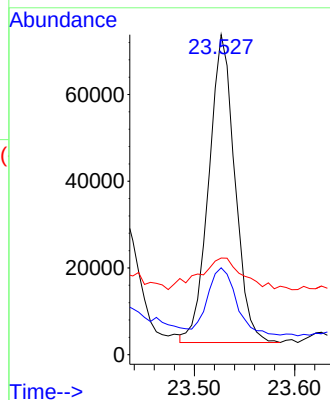
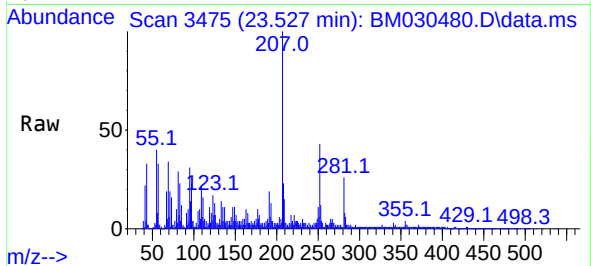
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Benzo(a)pyrene
Concen: 2.246 ng/ul
RT: 23.527 min Scan# 3475
Delta R.T. 0.012 min
Lab File: BM030480.D
Acq: 16 Jun 2021 23:36

Instrument :
BNA_M
ClientSampleId :
BG5Q5

Tgt Ion:252 Resp: 128315
Ion Ratio Lower Upper
252 100
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125 30.2 9.5 14.3#

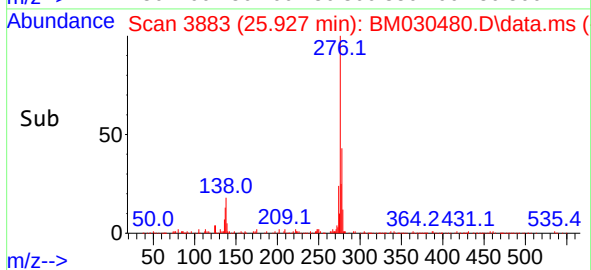
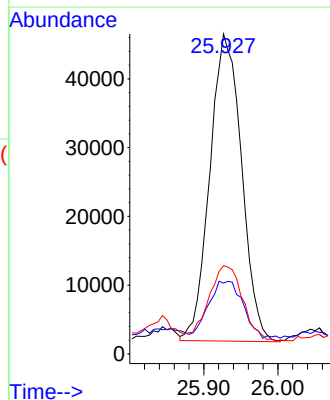
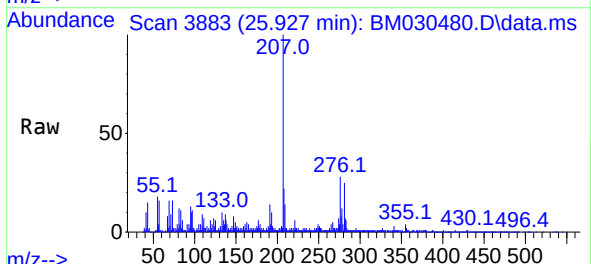
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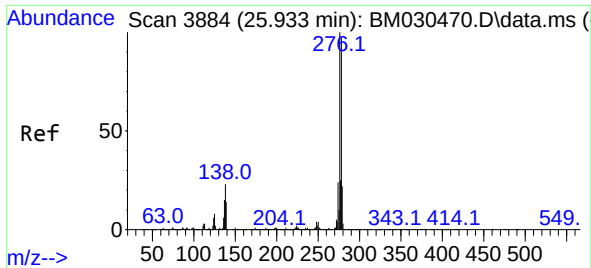
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#94
Indeno(1,2,3-cd)pyrene
Concen: 1.885 ng/ul
RT: 25.927 min Scan# 3883
Delta R.T. 0.012 min
Lab File: BM030480.D
Acq: 16 Jun 2021 23:36

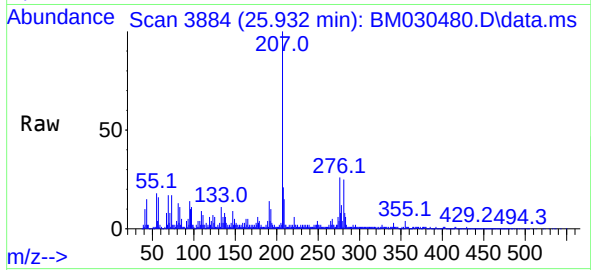
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Ion Ratio Lower Upper
276 100
138 22.2 21.8 32.6
277 27.6 20.3 30.5





#95
 Dibenzo(a,h)anthracene
 Concen: 1.163 ng/ul
 RT: 25.932 min Scan# 3884
 Delta R.T. 0.006 min
 Lab File: BM030480.D
 Acq: 16 Jun 2021 23:36

Instrument :
 BNA_M
 ClientSampleId :
 BG5Q5



Tgt Ion: 278 Resp: 68820
 Ion Ratio Lower Upper
 278 100
 139 28.2 13.4 20.2#
 279 33.2 18.6 28.0#

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