

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030773.D
 Acq On : 02 Jul 2021 11:52
 Operator : CG/JU
 Sample : M2808-19DL 5X
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD3DL

Manual Integrations
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Quant Time: Jul 02 12:22:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 01 05:56:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	84369	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.551	136	323374	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.398	164	190232	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.139	188	394563	20.000	ng/u1	0.00
79) Chrysene-d12	21.315	240	464354	20.000	ng/u1	0.00
88) Perylene-d12	23.562	264	520488	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.940	99	17326	2.381	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	12099	2.645	ng/u1	0.00
11) 2-Chlorophenol-d4	7.304	132	14658	2.610	ng/u1	0.00
15) 4-Methylphenol-d8	8.475	113	13391	2.365	ng/u1	0.00
21) Nitrobenzene-d5	8.928	128	6100	2.528	ng/u1	0.00
24) 2-Nitrophenol-d4	9.645	143	5771	2.152	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.192	165	12163	2.368	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	14678	2.049	ng/u1	0.00
46) Dimethylphthalate-d6	13.816	166	41928	3.192	ng/u1	0.00
49) Acenaphthylene-d8	14.092	160	47783	2.803	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.633	143	2493	1.002	ng/u1	0.02
60) Fluorene-d10	15.392	176	40898	3.511	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	1387	0.537	ng/u1	0.00
73) Anthracene-d10	17.239	188	68592	3.725	ng/u1	0.00
81) Pyrene-d10	19.527	212	76101	3.128	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.421	264	77732	2.873	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.604	128	29451	1.799	ng/u1	99
50) Acenaphthylene	14.122	152	51137	3.233	ng/u1	99
52) Acenaphthene	14.463	153	29285	2.551	ng/u1	98
56) Dibenzofuran	14.798	168	18314	1.145	ng/u1	94
61) Fluorene	15.451	166	42526	3.225	ng/u1	98
72) Phenanthrene	17.180	178	702404	33.150	ng/u1	99
74) Anthracene	17.274	178	259867	11.995	ng/u1	99
80) Fluoranthene	19.198	202	1522226	51.226	ng/u1	97
82) Pyrene	19.557	202	1061508	33.996	ng/u1	98
85) Benzo(a)anthracene	21.298	228	868006	30.121	ng/u1	97
87) Chrysene	21.351	228	651739	23.199	ng/u1	98
90) Benzo(b)fluoranthene	22.892	252	857393	25.946	ng/u1	100
91) Benzo(k)fluoranthene	22.927	252	333668m	10.507	ng/u1	
93) Benzo(a)pyrene	23.462	252	494556	16.644	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	25.838	276	329070	8.797	ng/u1#	93
95) Dibenzo(a,h)anthracene	25.844	278	108183	3.489	ng/u1	96

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

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Abundance

TIC: BM030773.D\data.ms

Time-->

3200000

3000000

2800000

2600000

2400000

2200000

2000000

1800000

1600000

1400000

1200000

1000000

800000

600000

400000

200000

0

4.00

6.00

8.00

10.00

12.00

14.00

16.00

18.00

20.00

22.00

24.00

26.00

28.00

Phenol-d5, S

2-Chlorophenol-d4, S

1,4-Dichlorobenzene-d4, I

4-Methylphenol-d8, S

Nitrobenzene-d5, S

2-Nitrophenol-d4, S

2,4-Dichlorophenol-d3, S

4-Nitrochlorobenzene-d4, S

Naphthalene-d8, I

Dimethylphthalate-d6, S

Acenaphthylene-d8, S

Acenaphthene-d10, I

4-Nitrophenol-d5, S

4-Nitrochlorobenzene-d4, S

Fluorene-d10, S

Anthracene-d10, S

Phenanthrene

Phenanthrene-d10, I

Pyrene-d10, S

Fluoranthene

Pyrene

Benzo(a)anthracene

Chrysene-d12, I

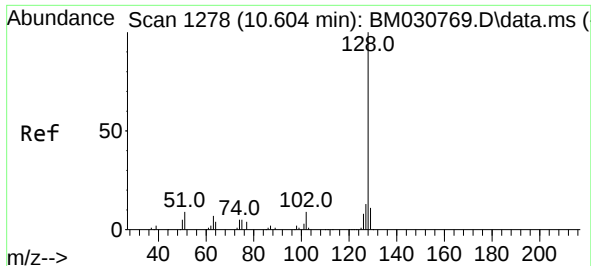
Benzo(k)fluoranthene

Benzo(b)fluoranthene

Benzo(a)pyrene-d12, S

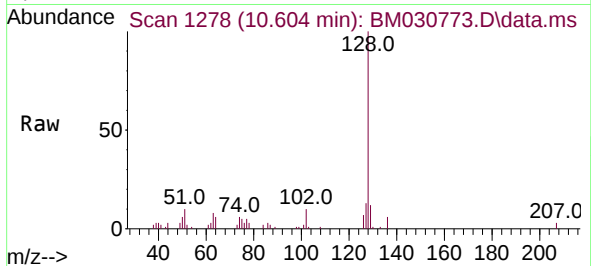
Benzo(a)pyrene, C

Dibenz(a,h)pyrene



#30
Naphthalene
Concen: 1.799 ng/ul
RT: 10.604 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BM030773.D
Acq: 02 Jul 2021 11:52

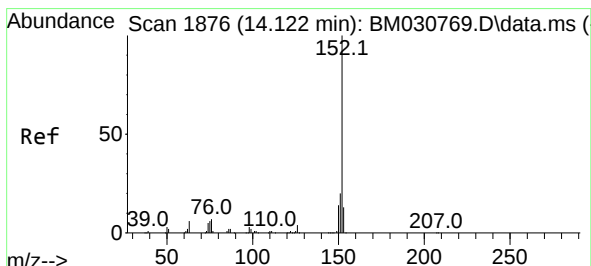
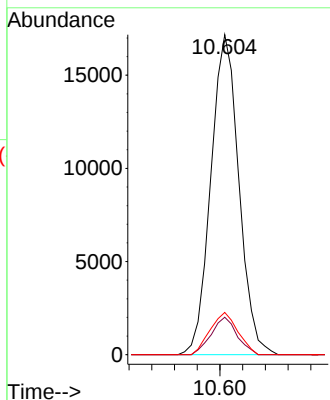
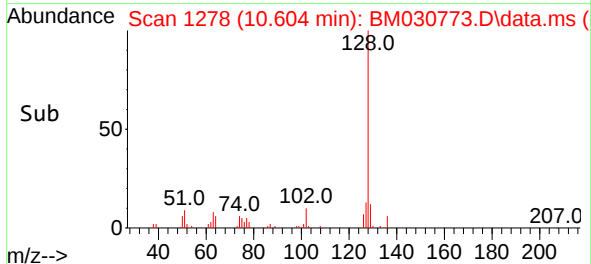
Instrument :
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ClientSampleId :
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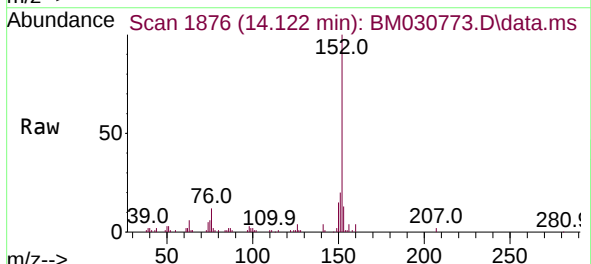
Tgt Ion:	128	Resp:	29451
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.0	13.4
127	13.2	10.6	15.8

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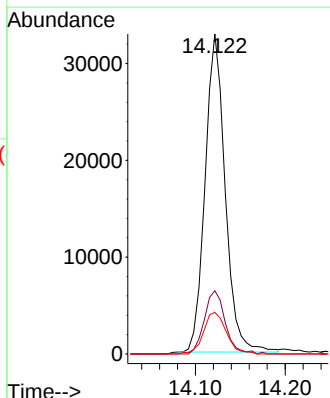
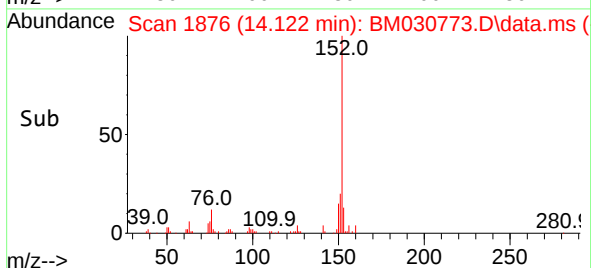
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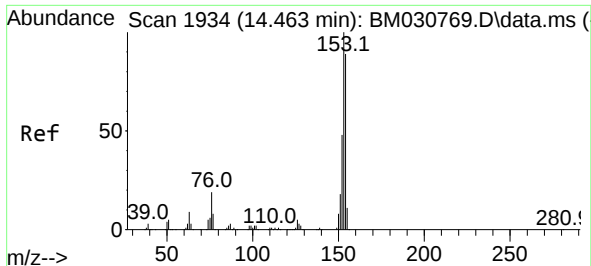


#50
Acenaphthylene
Concen: 3.233 ng/ul
RT: 14.122 min Scan# 1876
Delta R.T. -0.006 min
Lab File: BM030773.D
Acq: 02 Jul 2021 11:52



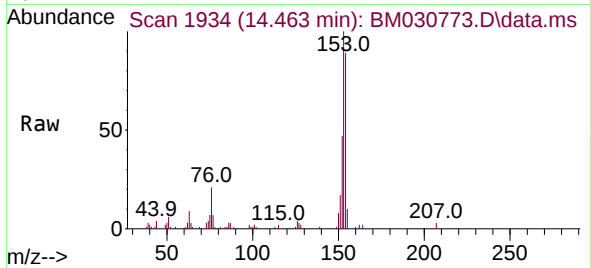
Tgt Ion:	152	Resp:	51137
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.2	24.2
153	13.0	10.2	15.4





#52
Acenaphthene
Concen: 2.551 ng/ul
RT: 14.463 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BM030773.D
Acq: 02 Jul 2021 11:52

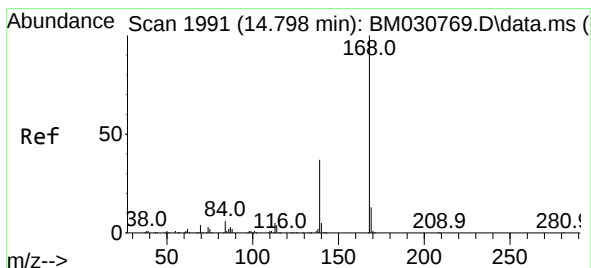
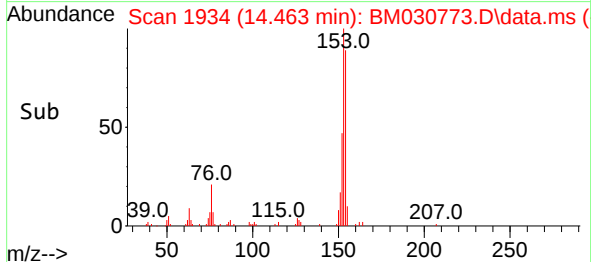
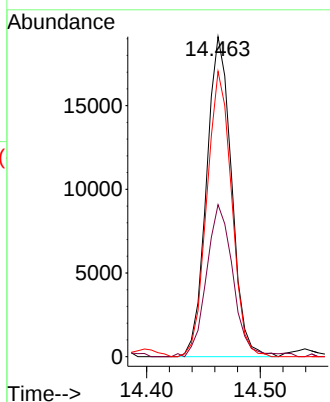
Instrument :
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ClientSampleID :
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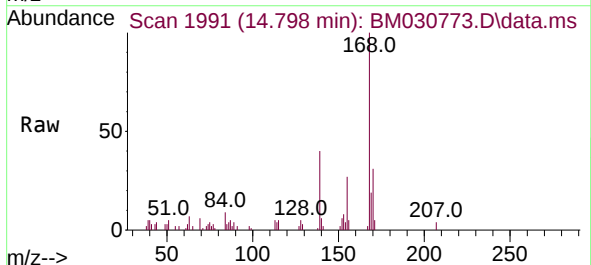
Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.4	56.2
154	89.2	69.4	104.0

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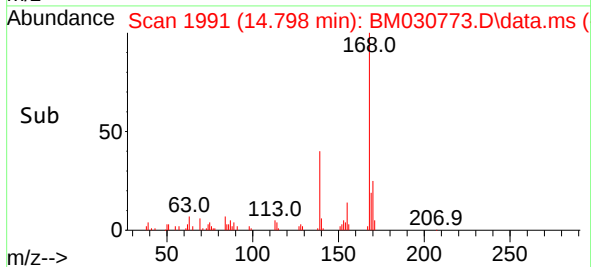
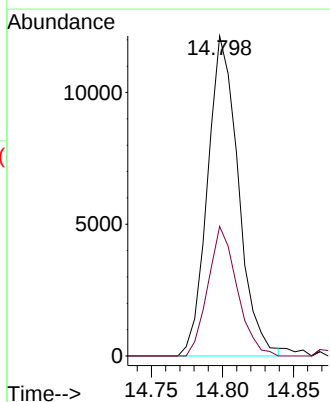
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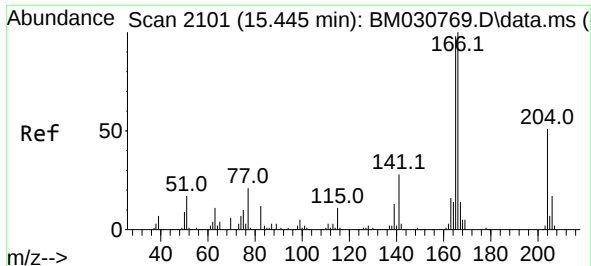


#56
Dibenzofuran
Concen: 1.145 ng/ul
RT: 14.798 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BM030773.D
Acq: 02 Jul 2021 11:52



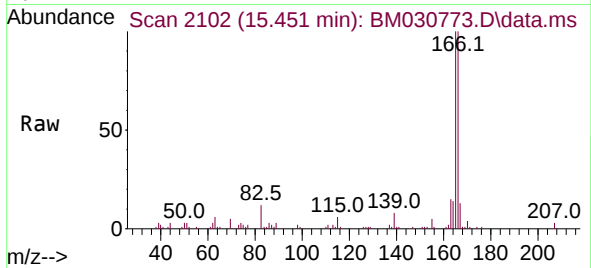
Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.5	29.5	44.3





#61
Fluorene
Concen: 3.225 ng/ul
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM030773.D
Acq: 02 Jul 2021 11:52

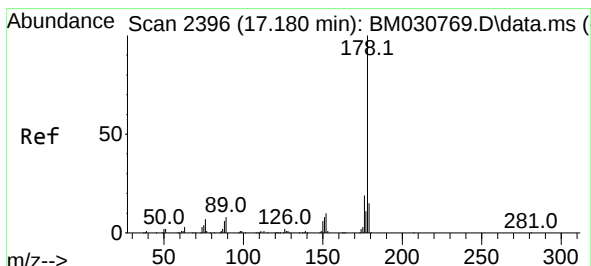
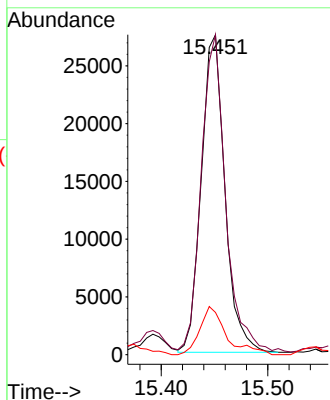
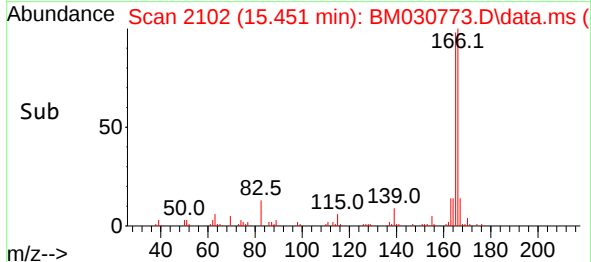
Instrument :
BNA_M
ClientSampleId :
BGDX3DL



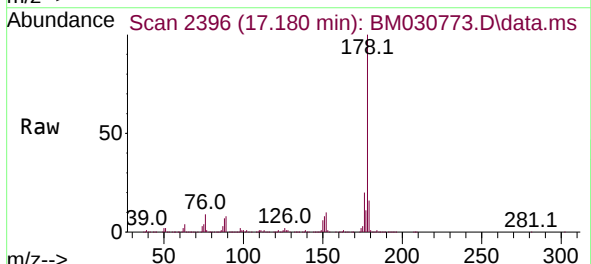
Tgt Ion:166 Resp: 42526
Ion Ratio Lower Upper
166 100
165 100.0 78.4 117.6
167 13.2 10.6 15.8

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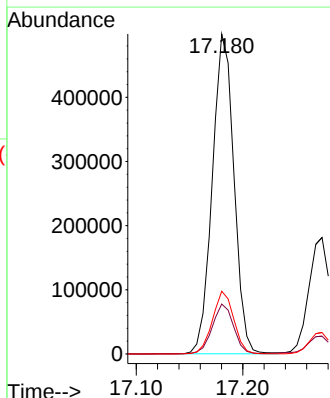
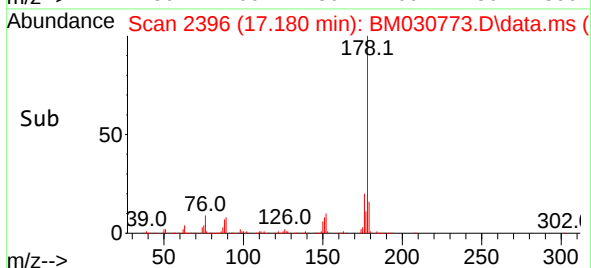
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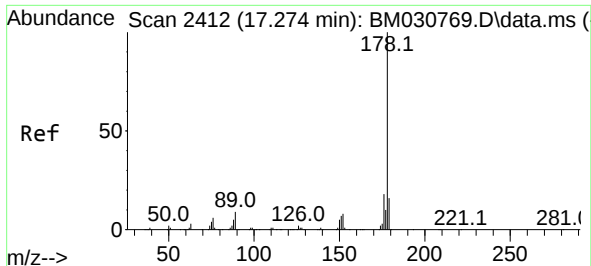


#72
Phenanthrene
Concen: 33.150 ng/ul
RT: 17.180 min Scan# 2396
Delta R.T. -0.012 min
Lab File: BM030773.D
Acq: 02 Jul 2021 11:52



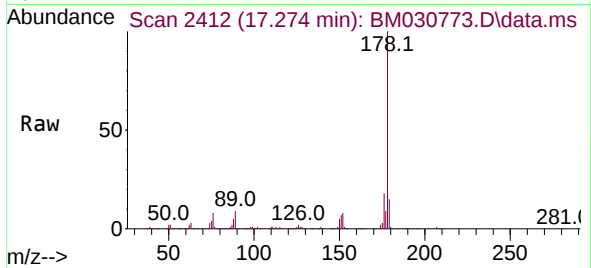
Tgt Ion:178 Resp: 702404
Ion Ratio Lower Upper
178 100
179 15.6 12.1 18.1
176 19.6 15.2 22.8





#74
 Anthracene
 Concen: 11.995 ng/ul
 RT: 17.274 min Scan# 2412
 Delta R.T. -0.006 min
 Lab File: BM030773.D
 Acq: 02 Jul 2021 11:52

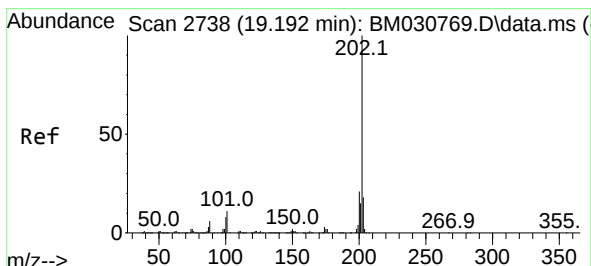
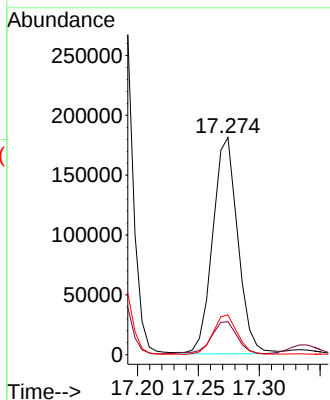
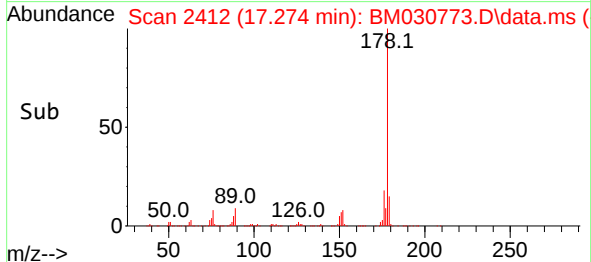
Instrument :
 BNA_M
 ClientSampleId :
 BGD3DL



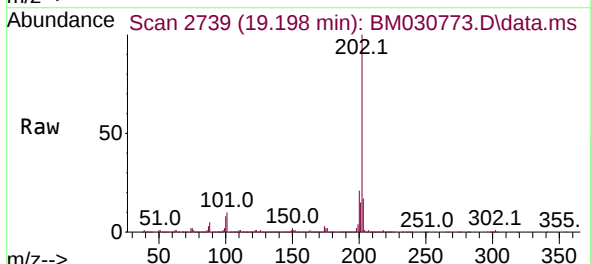
Tgt Ion:178 Resp: 259867
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.1 18.1
 176 18.4 15.2 22.8

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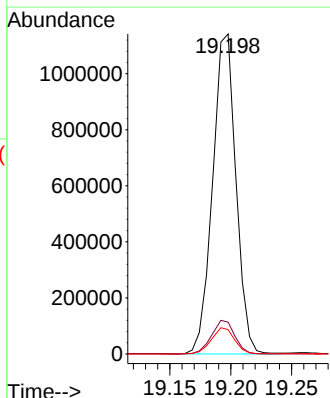
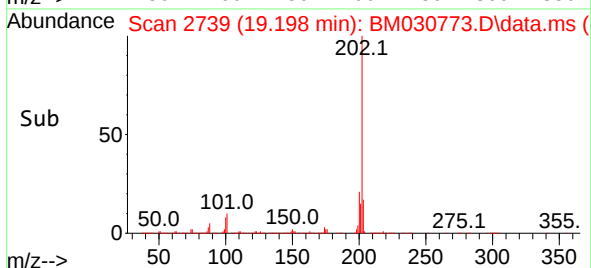
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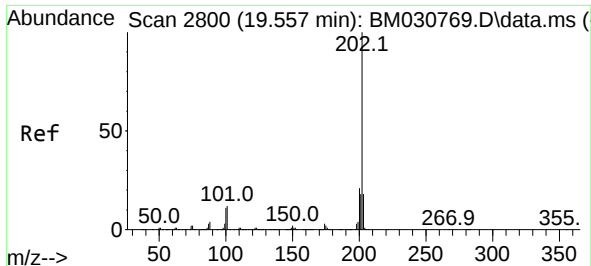


#80
 Fluoranthene
 Concen: 51.226 ng/ul
 RT: 19.198 min Scan# 2739
 Delta R.T. -0.006 min
 Lab File: BM030773.D
 Acq: 02 Jul 2021 11:52



Tgt Ion:202 Resp: 1522226
 Ion Ratio Lower Upper
 202 100
 101 9.9 8.8 13.2
 100 7.6 6.8 10.2





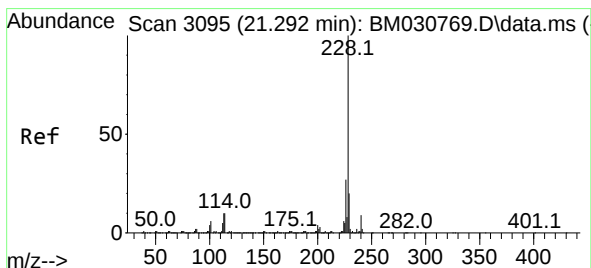
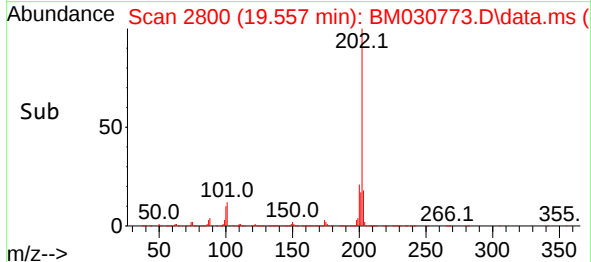
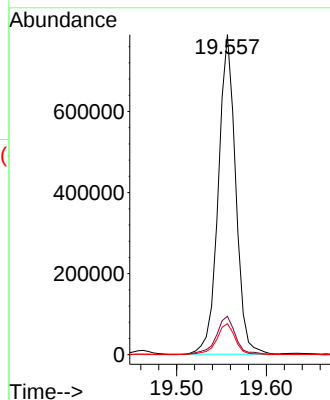
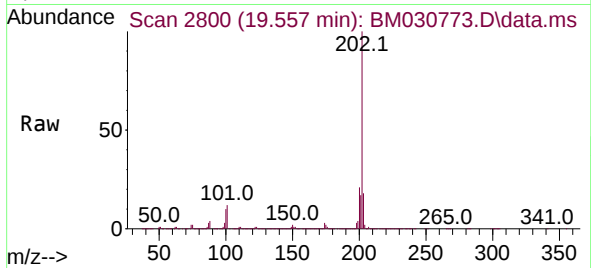
#82
Pyrene
Concen: 33.996 ng/uI
RT: 19.557 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BM030773.D
Acq: 02 Jul 2021 11:52

Tgt Ion:202 Resp: 1061508
Ion Ratio Lower Upper
202 100
101 12.0 10.0 15.0
100 9.7 8.5 12.7

Instrument :
BNA_M
ClientSampleID :
BGDX3DL

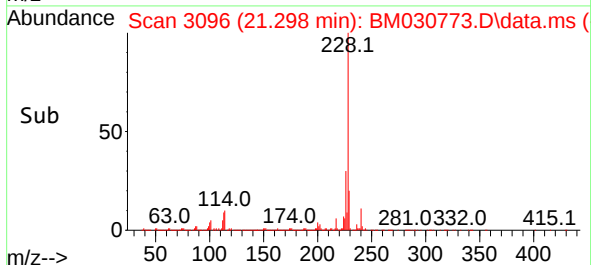
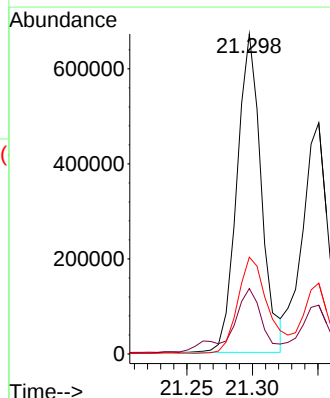
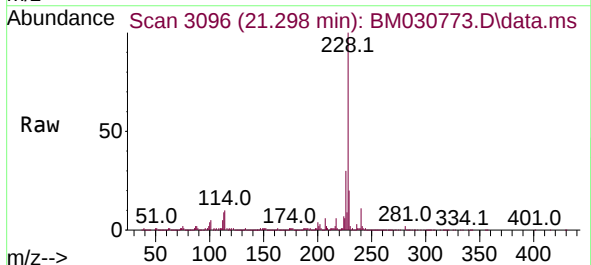
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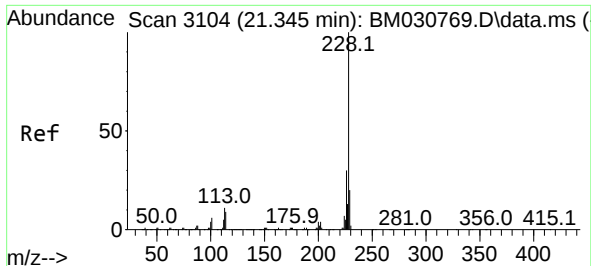
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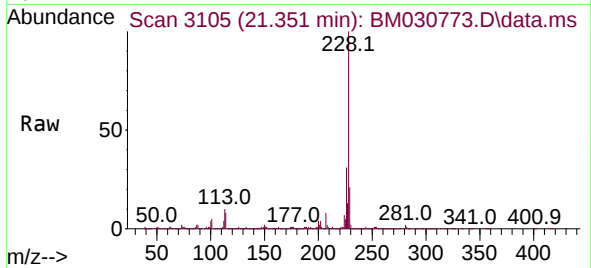
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Benzo(a)anthracene
Concen: 30.121 ng/uI
RT: 21.298 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BM030773.D
Acq: 02 Jul 2021 11:52

Tgt Ion:228 Resp: 868006
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 30.3 22.2 33.2

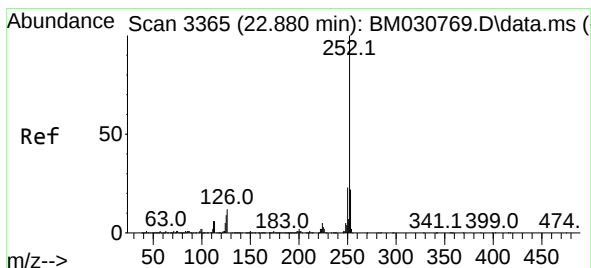
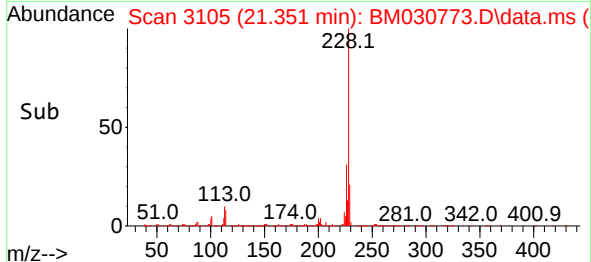
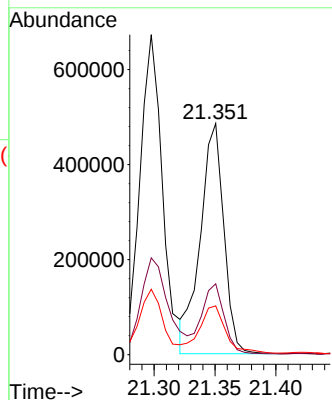




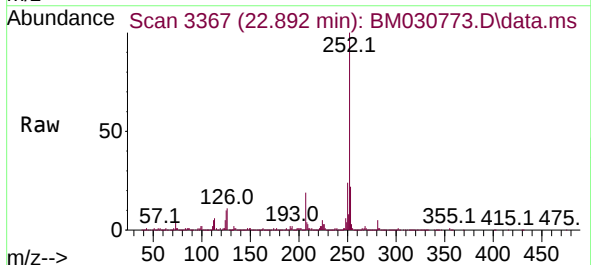
#87
Chrysene
Concen: 23.199 ng/ul
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM030773.D
Acq: 02 Jul 2021 11:52



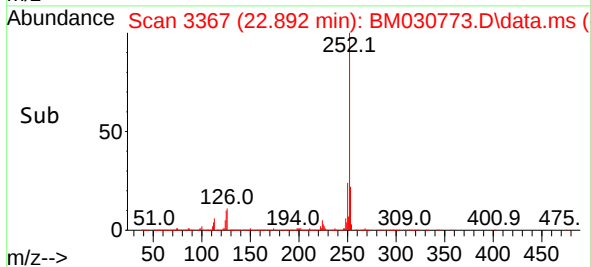
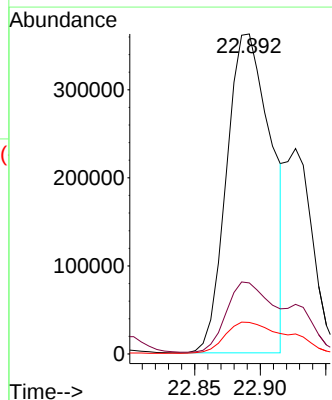
Tgt Ion:228 Resp: 651739
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 21.1 15.9 23.9



#90
Benzo(b)fluoranthene
Concen: 25.946 ng/ul
RT: 22.892 min Scan# 3367
Delta R.T. 0.000 min
Lab File: BM030773.D
Acq: 02 Jul 2021 11:52



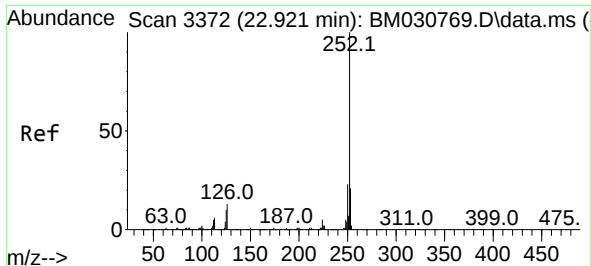
Tgt Ion:252 Resp: 857393
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 9.9 7.7 11.5



Instrument :
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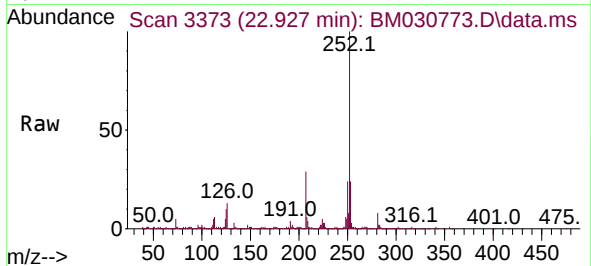
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#91
Benzo(k)fluoranthene
Concen: 10.507 ng/ul m
RT: 22.927 min Scan# 3373
Delta R.T. -0.012 min
Lab File: BM030773.D
Acq: 02 Jul 2021 11:52

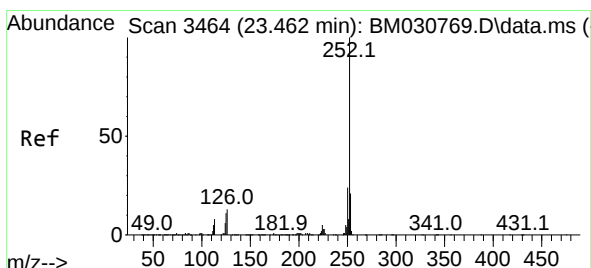
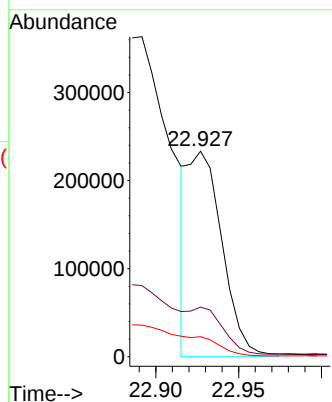
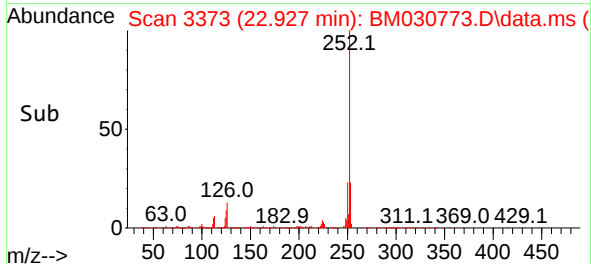
Instrument :
BNA_M
ClientSampleId :
BGDX3DL



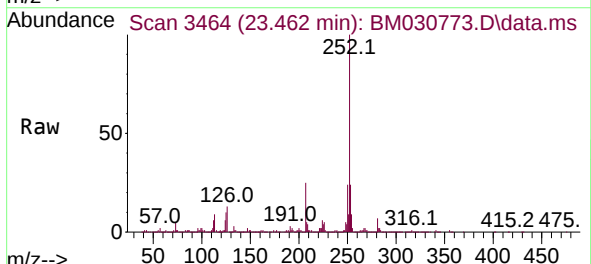
Tgt Ion:252 Resp: 333668
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.2
125 9.8 7.9 11.9

Manual Integrations
APPROVED

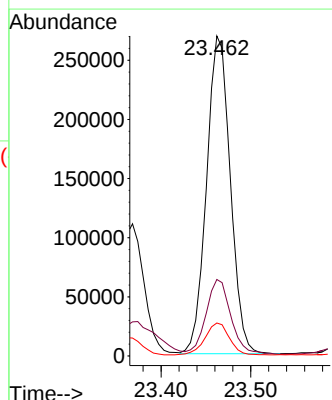
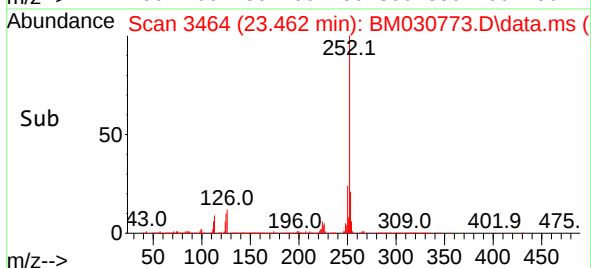
mohammad
7/6/2021 9:24:42 AM

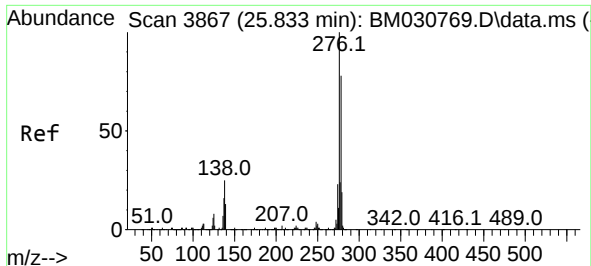


#93
Benzo(a)pyrene
Concen: 16.644 ng/ul
RT: 23.462 min Scan# 3464
Delta R.T. -0.012 min
Lab File: BM030773.D
Acq: 02 Jul 2021 11:52



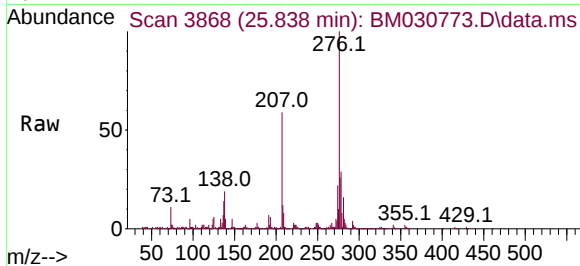
Tgt Ion:252 Resp: 494556
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 10.3 8.6 13.0





#94
Indeno(1,2,3-cd)pyrene
Concen: 8.797 ng/ul
RT: 25.838 min Scan# 3868
Delta R.T. -0.012 min
Lab File: BM030773.D
Acq: 02 Jul 2021 11:52

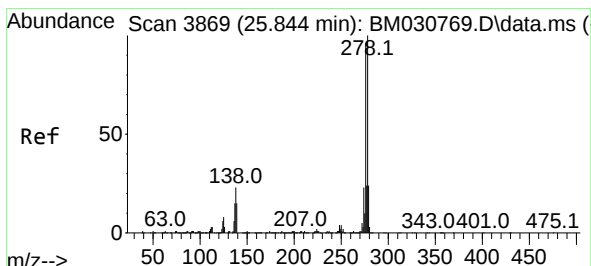
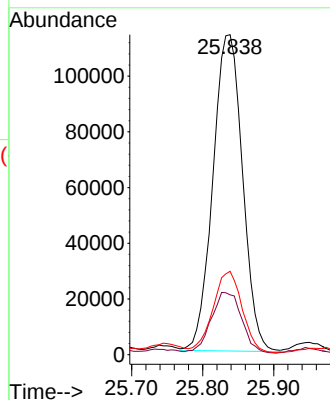
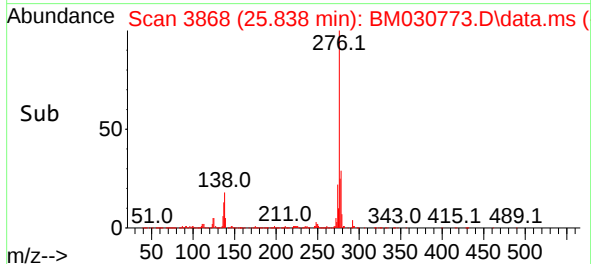
Instrument :
BNA_M
ClientSampled :
BGDX3DL



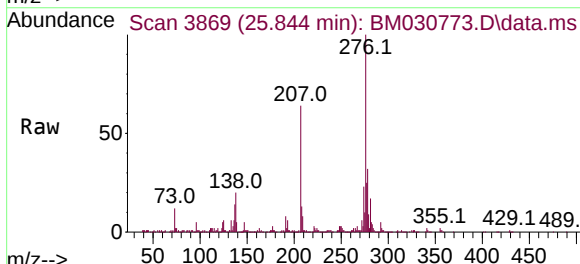
Tgt Ion:276 Resp: 329070
Ion Ratio Lower Upper
276 100
138 18.7 19.5 29.3#
277 26.0 19.6 29.4

Manual Integrations
APPROVED

mohammad
7/6/2021 9:24:42 AM



#95
Dibenzo(a,h)anthracene
Concen: 3.489 ng/ul
RT: 25.844 min Scan# 3869
Delta R.T. -0.012 min
Lab File: BM030773.D
Acq: 02 Jul 2021 11:52



Tgt Ion:278 Resp: 108183
Ion Ratio Lower Upper
278 100
139 16.0 12.8 19.2
279 27.1 19.1 28.7

