

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030831.D
 Acq On : 06 Jul 2021 22:09
 Operator : CG/JU
 Sample : M2869-03DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDX1DL

Manual Integrations
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Quant Time: Jul 07 01:29:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 06 14:32:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	88864	20.000	ng/u1	0.00
20) Naphthalene-d8	10.551	136	351966	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.392	164	205315	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.133	188	385448	20.000	ng/u1	0.00
79) Chrysene-d12	21.303	240	381381	20.000	ng/u1	0.00
88) Perylene-d12	23.544	264	413878	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	2710m	1.192	ng/uL	0.00
4) Pyridine-d5	3.734	84	12927m	2.174	ng/u1	0.06
7) Phenol-d5	6.934	99	35334	4.551	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	26484	5.295	ng/u1	0.00
11) 2-Chlorophenol-d4	7.298	132	30395	5.102	ng/u1	0.00
15) 4-Methylphenol-d8	8.469	113	26856	4.316	ng/u1	0.00
21) Nitrobenzene-d5	8.928	128	12884	4.922	ng/u1	0.00
24) 2-Nitrophenol-d4	9.645	143	12376	4.321	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.186	165	24904	4.518	ng/u1	0.01
31) 4-Chloroaniline-d4	10.710	131	29642m	3.787	ng/u1	0.02
46) Dimethylphthalate-d6	13.810	166	84182	5.857	ng/u1	0.00
49) Acenaphthylene-d8	14.086	160	98057	5.401	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	4693m	1.876	ng/u1	0.03
60) Fluorene-d10	15.386	176	74692	5.901	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.521	200	5211m	2.108	ng/u1	0.00
73) Anthracene-d10	17.233	188	111174	6.189	ng/u1	0.00
81) Pyrene-d10	19.521	212	113801	5.410	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.403	264	99090	4.638	ng/u1	0.00
Target Compounds						
					Qvalue	
47) Dimethylphthalate	13.857	163	31085	2.207	ng/u1	99
52) Acenaphthene	14.457	153	63004	5.092	ng/u1	99
61) Fluorene	15.445	166	73832	5.145	ng/u1	95
72) Phenanthrene	17.174	178	861156	41.870	ng/u1	99
74) Anthracene	17.268	178	287476	13.604	ng/u1	100
80) Fluoranthene	19.186	202	985761	38.008	ng/u1	100
82) Pyrene	19.550	202	673841	25.068	ng/u1	100
85) Benzo(a)anthracene	21.286	228	474022	19.879	ng/u1	97
87) Chrysene	21.339	228	356029	15.175	ng/u1	99
90) Benzo(b)fluoranthene	22.874	252	459664	17.241	ng/u1	99
91) Benzo(k)fluoranthene	22.909	252	142025m	5.481	ng/u1	
93) Benzo(a)pyrene	23.444	252	238411	10.105	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	25.809	276	160908	5.484	ng/u1	97
95) Dibenzo(a,h)anthracene	25.821	278	53881	2.190	ng/u1#	90

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

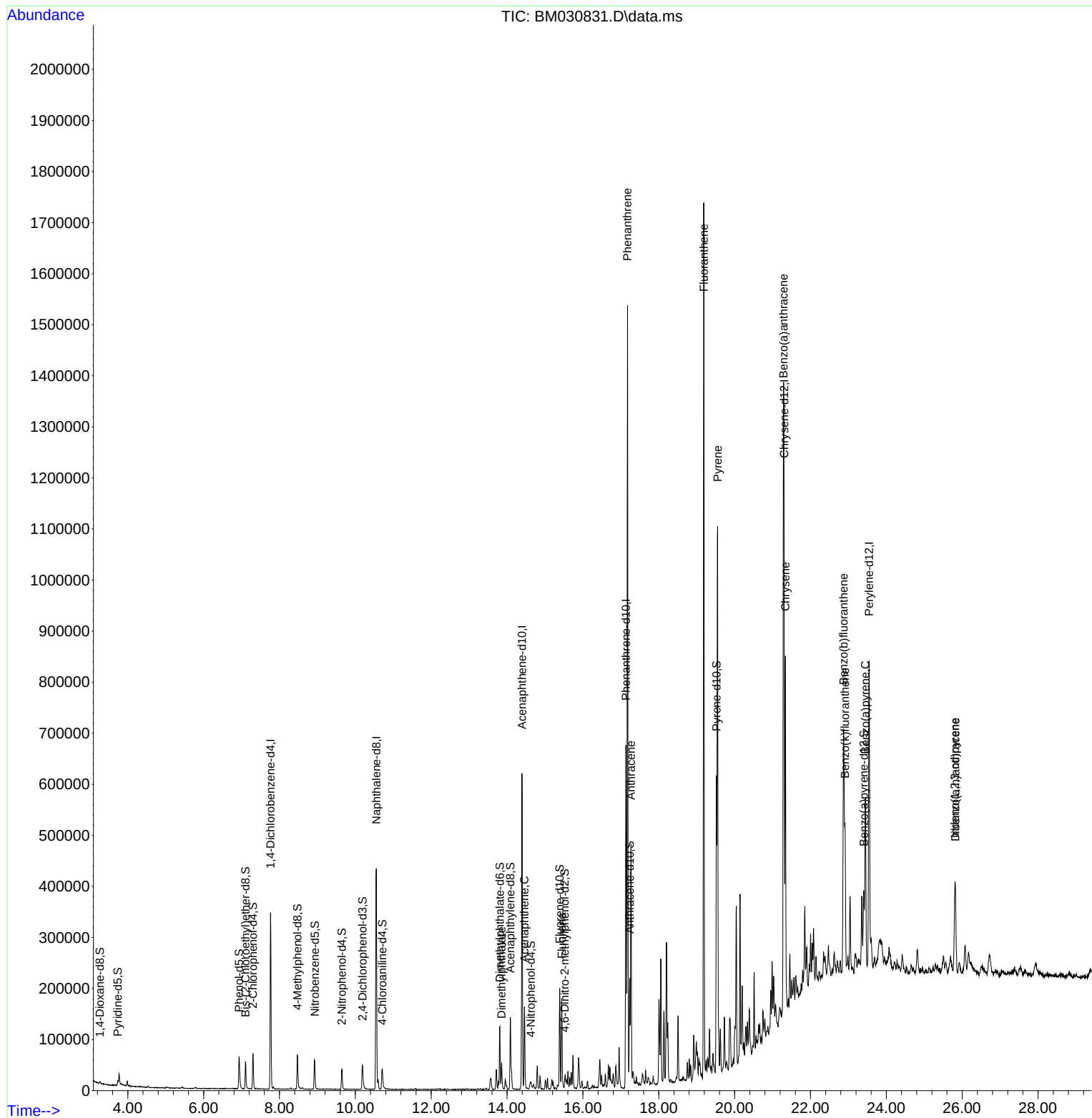
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030831.D
Acq On : 06 Jul 2021 22:09
Operator : CG/JU
Sample : M2869-03DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

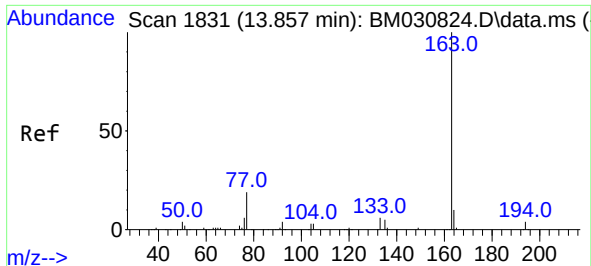
Instrument :
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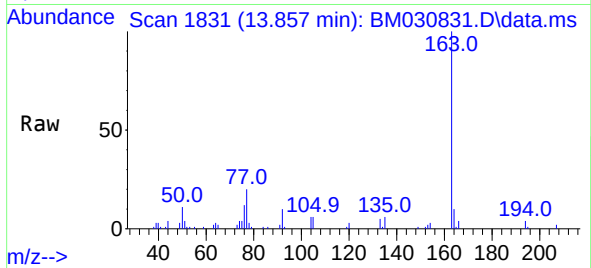
Quant Time: Jul 07 01:29:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration





#47
Dimethylphthalate
Concen: 2.207 ng/ul
RT: 13.857 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BM030831.D
Acq: 06 Jul 2021 22:09

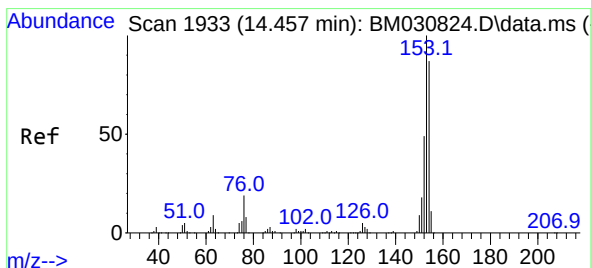
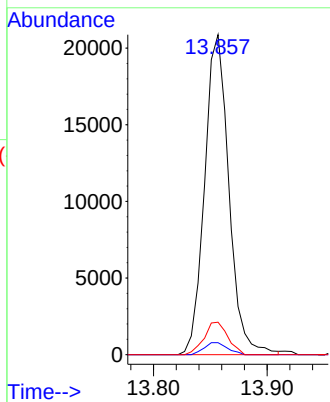
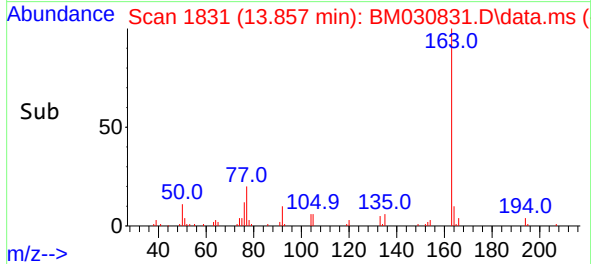
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BNA_M
ClientSampleID :
BGDX1DL



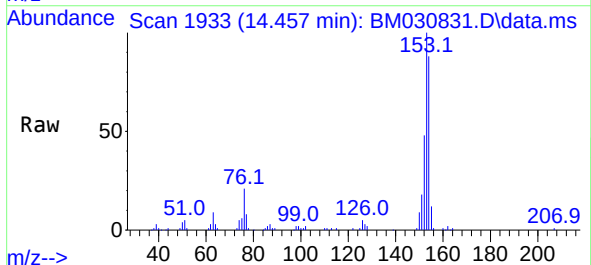
Tgt Ion:163 Resp: 31085
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.2 7.8 11.8

Manual Integrations
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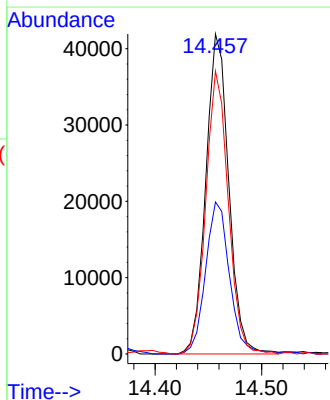
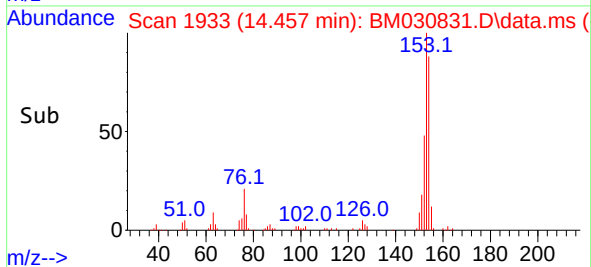
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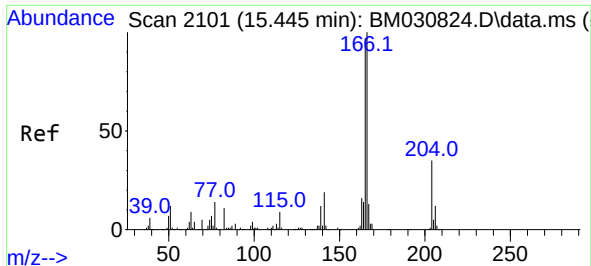


#52
Acenaphthene
Concen: 5.092 ng/ul
RT: 14.457 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BM030831.D
Acq: 06 Jul 2021 22:09

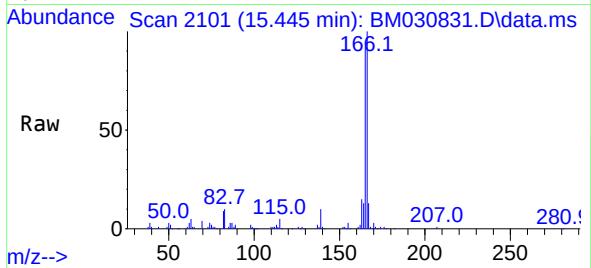


Tgt Ion:153 Resp: 63004
Ion Ratio Lower Upper
153 100
152 47.5 38.8 58.2
154 88.4 71.3 106.9

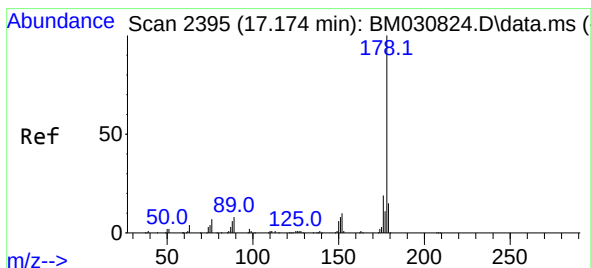
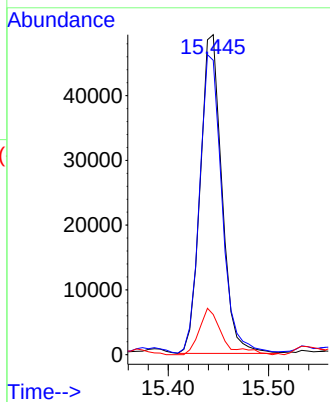
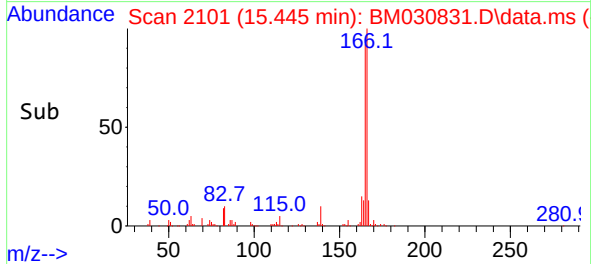




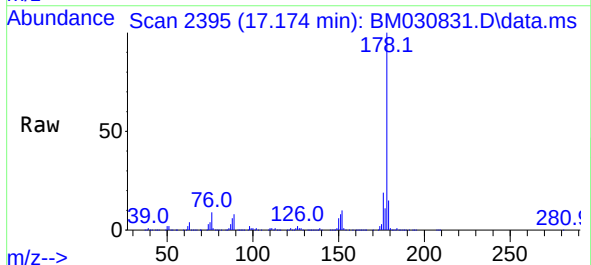
#61
Fluorene
Concen: 5.145 ng/ul
RT: 15.445 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BM030831.D
Acq: 06 Jul 2021 22:09



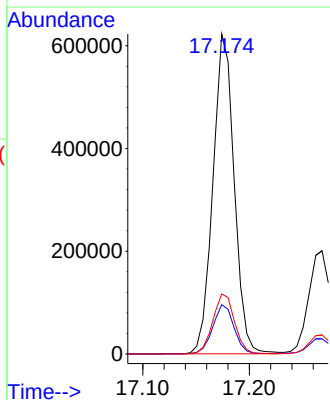
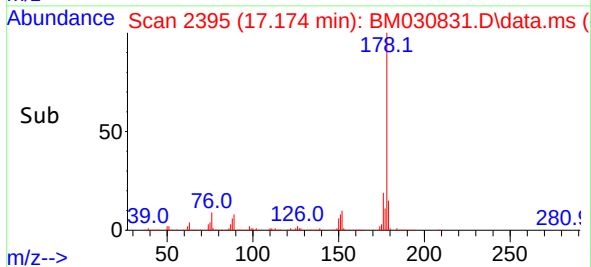
Tgt Ion:166 Resp: 73832
Ion Ratio Lower Upper
166 100
165 92.0 77.4 116.2
167 12.5 10.6 15.8



#72
Phenanthrene
Concen: 41.870 ng/ul
RT: 17.174 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BM030831.D
Acq: 06 Jul 2021 22:09



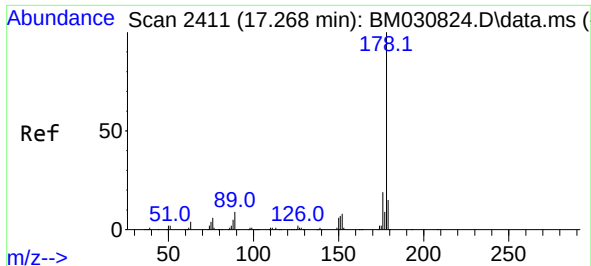
Tgt Ion:178 Resp: 861156
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 18.7 15.4 23.0



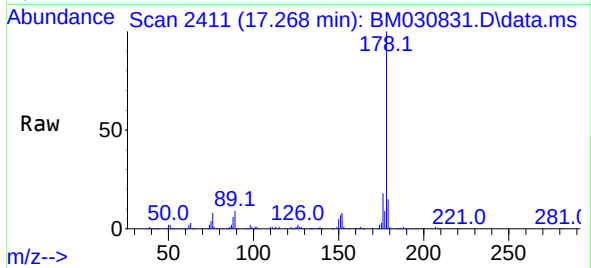
Instrument :
BNA_M
ClientSampleID :
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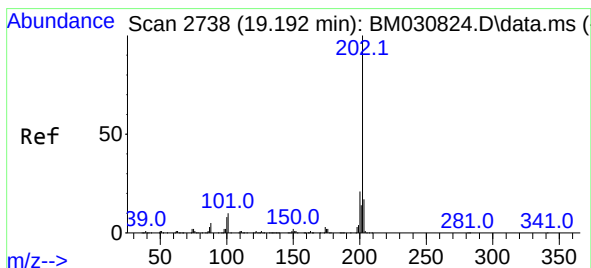
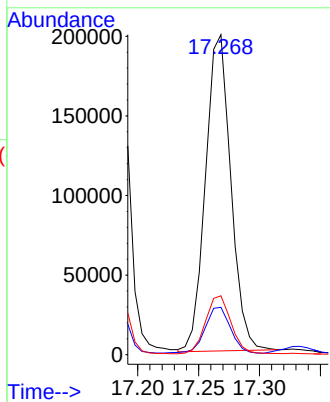
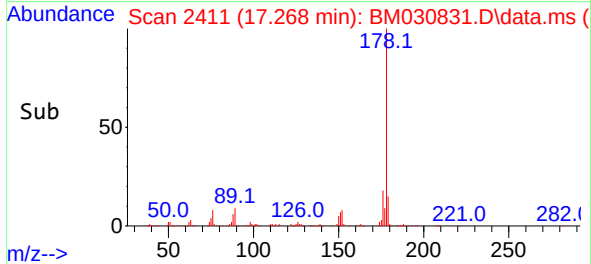
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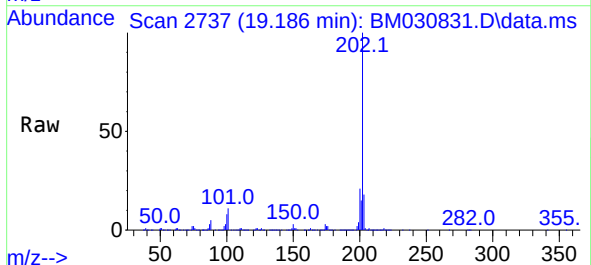
#74
 Anthracene
 Concen: 13.604 ng/uI
 RT: 17.268 min Scan# 2411
 Delta R.T. -0.000 min
 Lab File: BM030831.D
 Acq: 06 Jul 2021 22:09



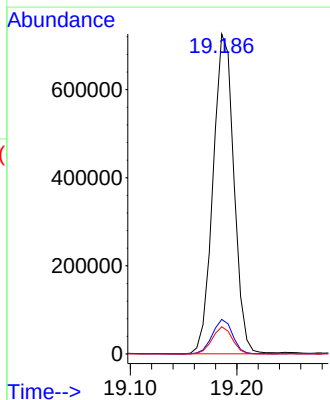
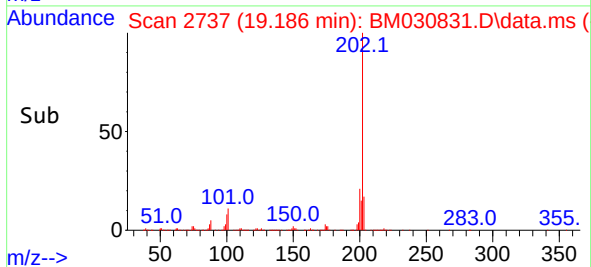
Tgt Ion:178 Resp: 287476
 Ion Ratio Lower Upper
 178 100
 179 14.8 12.1 18.1
 176 18.4 14.7 22.1



#80
 Fluoranthene
 Concen: 38.008 ng/uI
 RT: 19.186 min Scan# 2737
 Delta R.T. -0.000 min
 Lab File: BM030831.D
 Acq: 06 Jul 2021 22:09



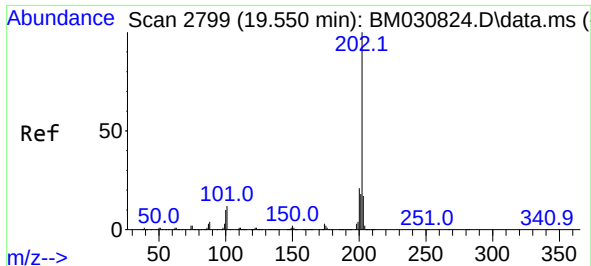
Tgt Ion:202 Resp: 985761
 Ion Ratio Lower Upper
 202 100
 101 10.8 8.8 13.2
 100 8.5 6.7 10.1



Instrument :
 BNA_M
 ClientSampleID :
 BGDY1DL

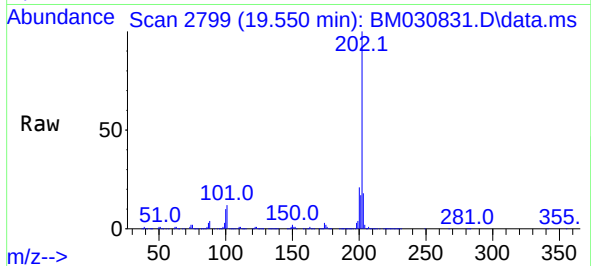
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#82
Pyrene
Concen: 25.068 ng/ul
RT: 19.550 min Scan# 2799
Delta R.T. -0.000 min
Lab File: BM030831.D
Acq: 06 Jul 2021 22:09

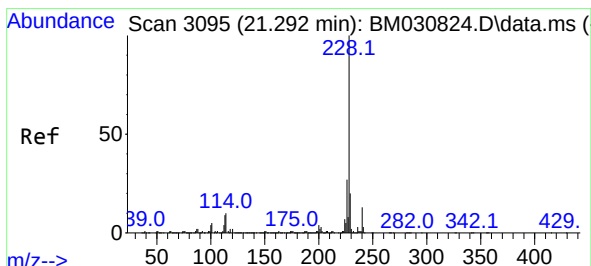
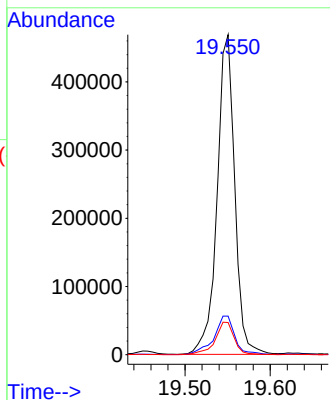
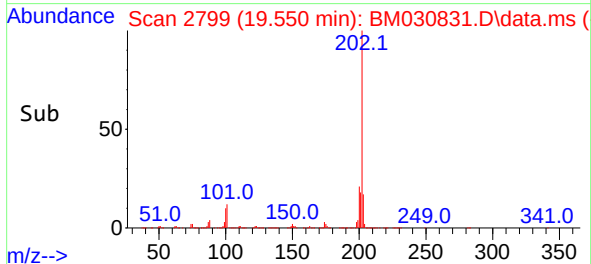
Instrument :
BNA_M
ClientSampled :
BGDX1DL



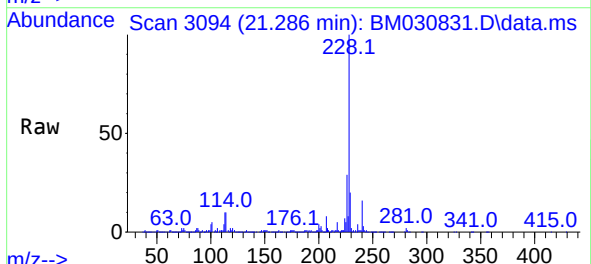
Tgt Ion:202 Resp: 673841
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.6
100 10.0 8.0 12.0

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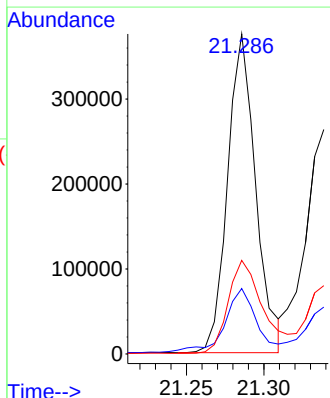
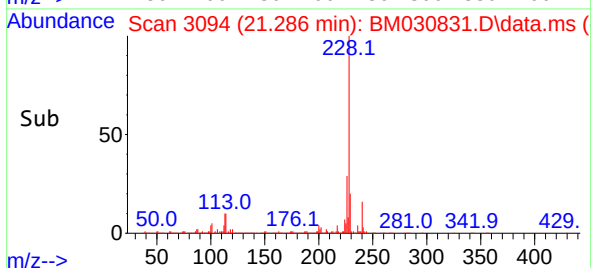
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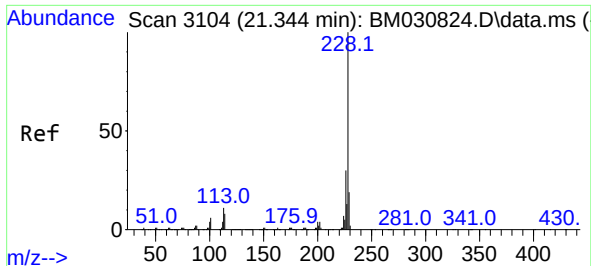


#85
Benzo(a)anthracene
Concen: 19.879 ng/ul
RT: 21.286 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BM030831.D
Acq: 06 Jul 2021 22:09

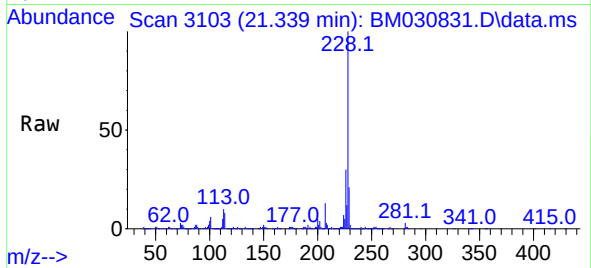


Tgt Ion:228 Resp: 474022
Ion Ratio Lower Upper
228 100
229 20.5 15.4 23.2
226 29.2 21.8 32.8

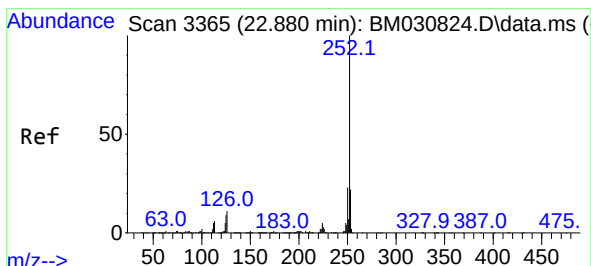
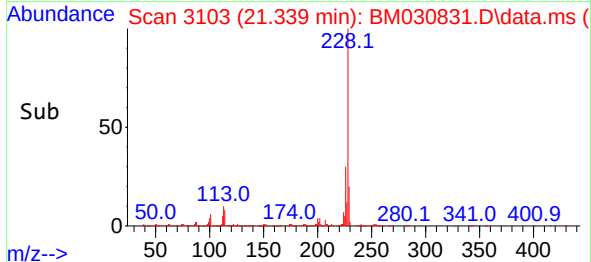
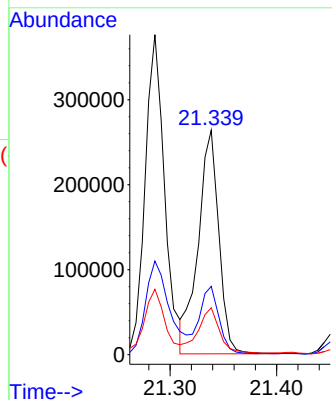




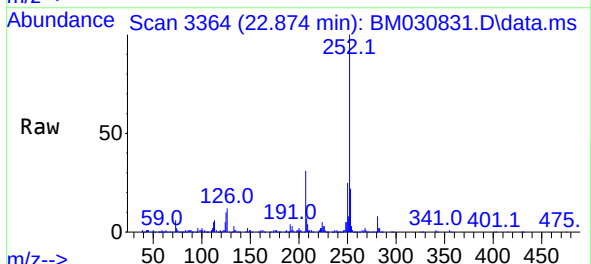
#87
Chrysene
Concen: 15.175 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM030831.D
Acq: 06 Jul 2021 22:09



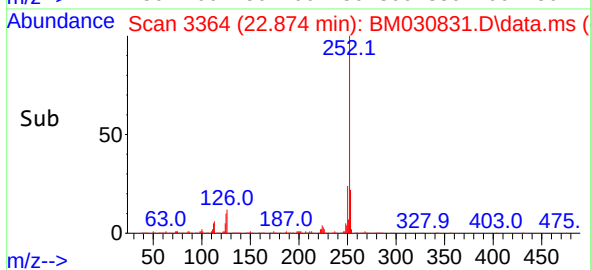
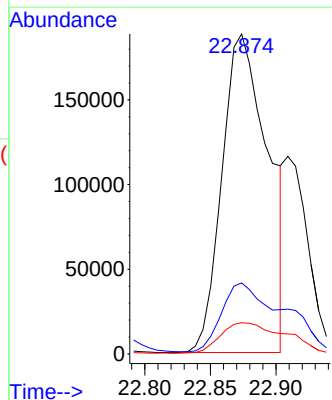
Tgt Ion:228 Resp: 356029
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 20.9 15.5 23.3



#90
Benzo(b)fluoranthene
Concen: 17.241 ng/ul
RT: 22.874 min Scan# 3364
Delta R.T. -0.000 min
Lab File: BM030831.D
Acq: 06 Jul 2021 22:09



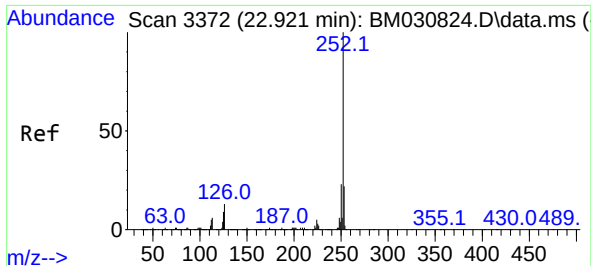
Tgt Ion:252 Resp: 459664
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.8 7.7 11.5



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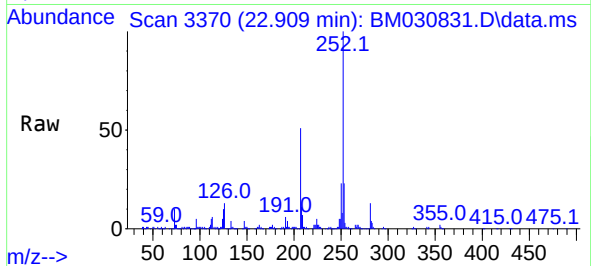
Manual Integrations
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#91
Benzo(k)fluoranthene
Concen: 5.481 ng/ul m
RT: 22.909 min Scan# 3370
Delta R.T. -0.012 min
Lab File: BM030831.D
Acq: 06 Jul 2021 22:09

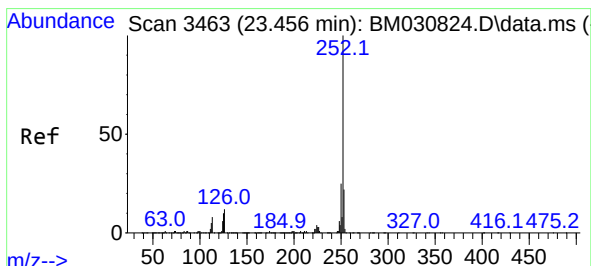
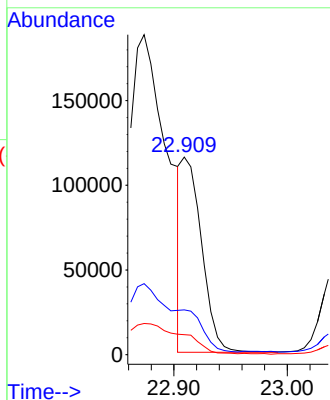
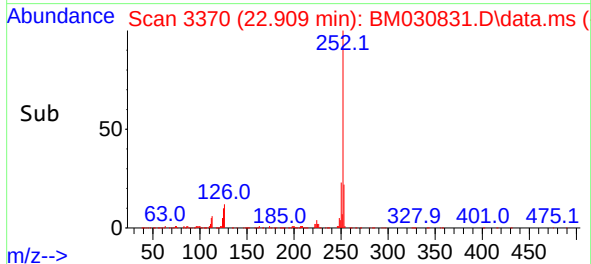
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BNA_M
ClientSampleID :
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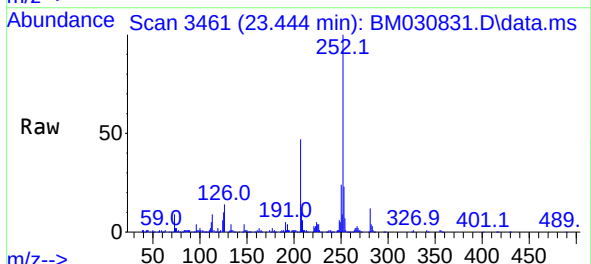
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Ion Ratio Lower Upper
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125 10.1 7.4 11.0

Manual Integrations
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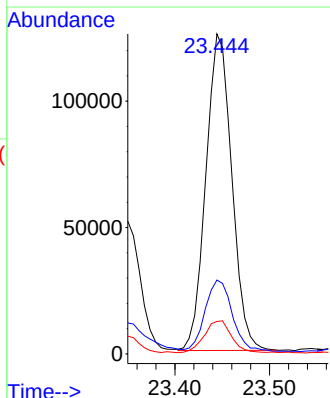
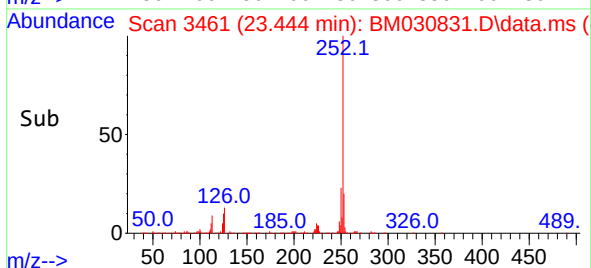
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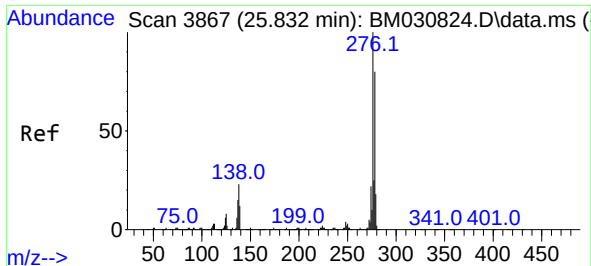


#93
Benzo(a)pyrene
Concen: 10.105 ng/ul
RT: 23.444 min Scan# 3461
Delta R.T. -0.012 min
Lab File: BM030831.D
Acq: 06 Jul 2021 22:09



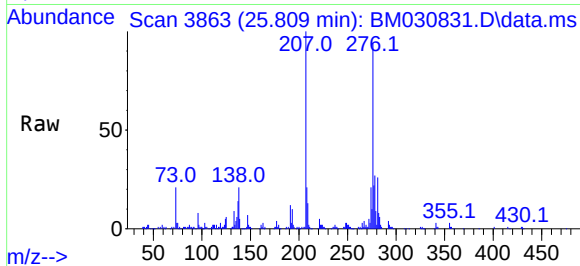
Tgt Ion:252 Resp: 238411
Ion Ratio Lower Upper
252 100
253 23.1 16.7 25.1
125 10.2 8.5 12.7





#94
Indeno(1,2,3-cd)pyrene
Concen: 5.484 ng/ul
RT: 25.809 min Scan# 3863
Delta R.T. -0.018 min
Lab File: BM030831.D
Acq: 06 Jul 2021 22:09

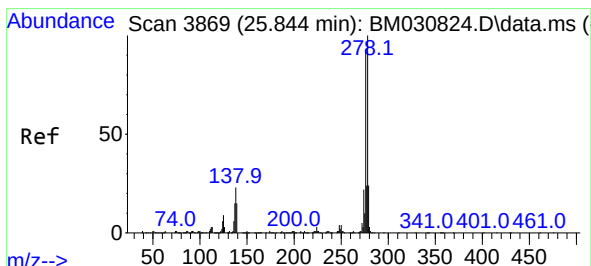
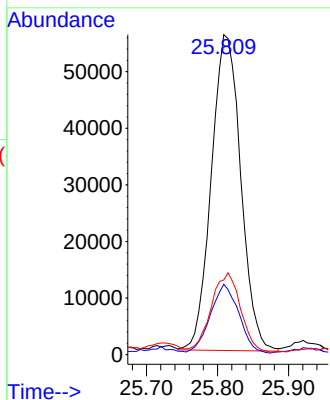
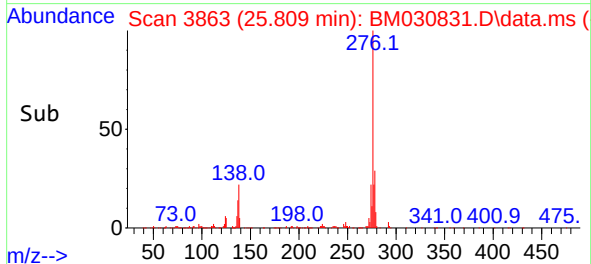
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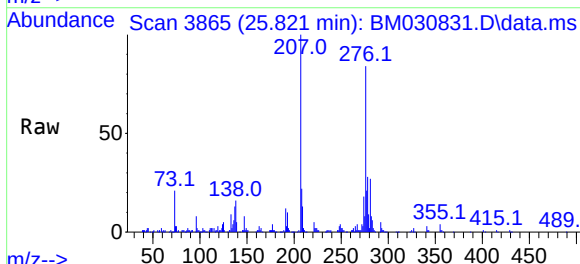
Tgt Ion:276 Resp: 160908
Ion Ratio Lower Upper
276 100
138 22.0 18.1 27.1
277 23.4 20.3 30.5

Manual Integrations
APPROVED

mohammad
7/7/2021 6:11:57 PM



#95
Dibenzo(a,h)anthracene
Concen: 2.190 ng/ul
RT: 25.821 min Scan# 3865
Delta R.T. -0.018 min
Lab File: BM030831.D
Acq: 06 Jul 2021 22:09



Tgt Ion:278 Resp: 53881
Ion Ratio Lower Upper
278 100
139 16.8 12.4 18.6
279 31.2 19.0 28.6#

