

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030833.D
 Acq On : 06 Jul 2021 23:22
 Operator : CG/JU
 Sample : M2869-07DL2 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD5DL2

Manual Integrations
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Quant Time: Jul 07 01:30:10 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	112868	20.000	ng/u1	0.00
20) Naphthalene-d8	10.551	136	469575	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.392	164	307770	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.133	188	628608	20.000	ng/u1	0.00
79) Chrysene-d12	21.303	240	486660	20.000	ng/u1	0.00
88) Perylene-d12	23.544	264	461014	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	748	0.259	ng/uL	0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.939	99	11095m	1.125	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	7689	1.210	ng/u1	0.00
11) 2-Chlorophenol-d4	7.304	132	9452	1.249	ng/u1	0.00
15) 4-Methylphenol-d8	8.480	113	8292	1.049	ng/u1	0.01
21) Nitrobenzene-d5	8.928	128	4070	1.165	ng/u1	0.00
24) 2-Nitrophenol-d4	9.645	143	3585	0.938	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	7754m	1.054	ng/u1	0.03
31) 4-Chloroaniline-d4	10.722	131	7935m	0.760	ng/u1	0.03
46) Dimethylphthalate-d6	13.810	166	32177	1.493	ng/u1	0.00
49) Acenaphthylene-d8	14.086	160	34880	1.282	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.386	176	28691	1.512	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	1227	0.304	ng/u1	0.01
73) Anthracene-d10	17.233	188	46546	1.589	ng/u1	0.00
81) Pyrene-d10	19.521	212	43289	1.613	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.403	264	28576	1.201	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.457	153	109497	5.903	ng/u1	98
56) Dibenzofuran	14.792	168	67964	2.602	ng/u1	100
61) Fluorene	15.439	166	120288	5.592	ng/u1	100
72) Phenanthrene	17.174	178	1064289	31.730	ng/u1	99
74) Anthracene	17.268	178	374778	10.875	ng/u1	99
80) Fluoranthene	19.186	202	971591	29.358	ng/u1	100
82) Pyrene	19.550	202	689540	20.103	ng/u1	99
85) Benzo(a)anthracene	21.286	228	392607	12.903	ng/u1	97
87) Chrysene	21.338	228	306807	10.248	ng/u1	99
90) Benzo(b)fluoranthene	22.874	252	341800	11.510	ng/u1	99
91) Benzo(k)fluoranthene	22.909	252	108478m	3.758	ng/u1	
93) Benzo(a)pyrene	23.450	252	200795	7.641	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	25.815	276	126876	3.882	ng/u1	97
95) Dibenzo(a,h)anthracene	25.821	278	40142	1.465	ng/u1	92

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

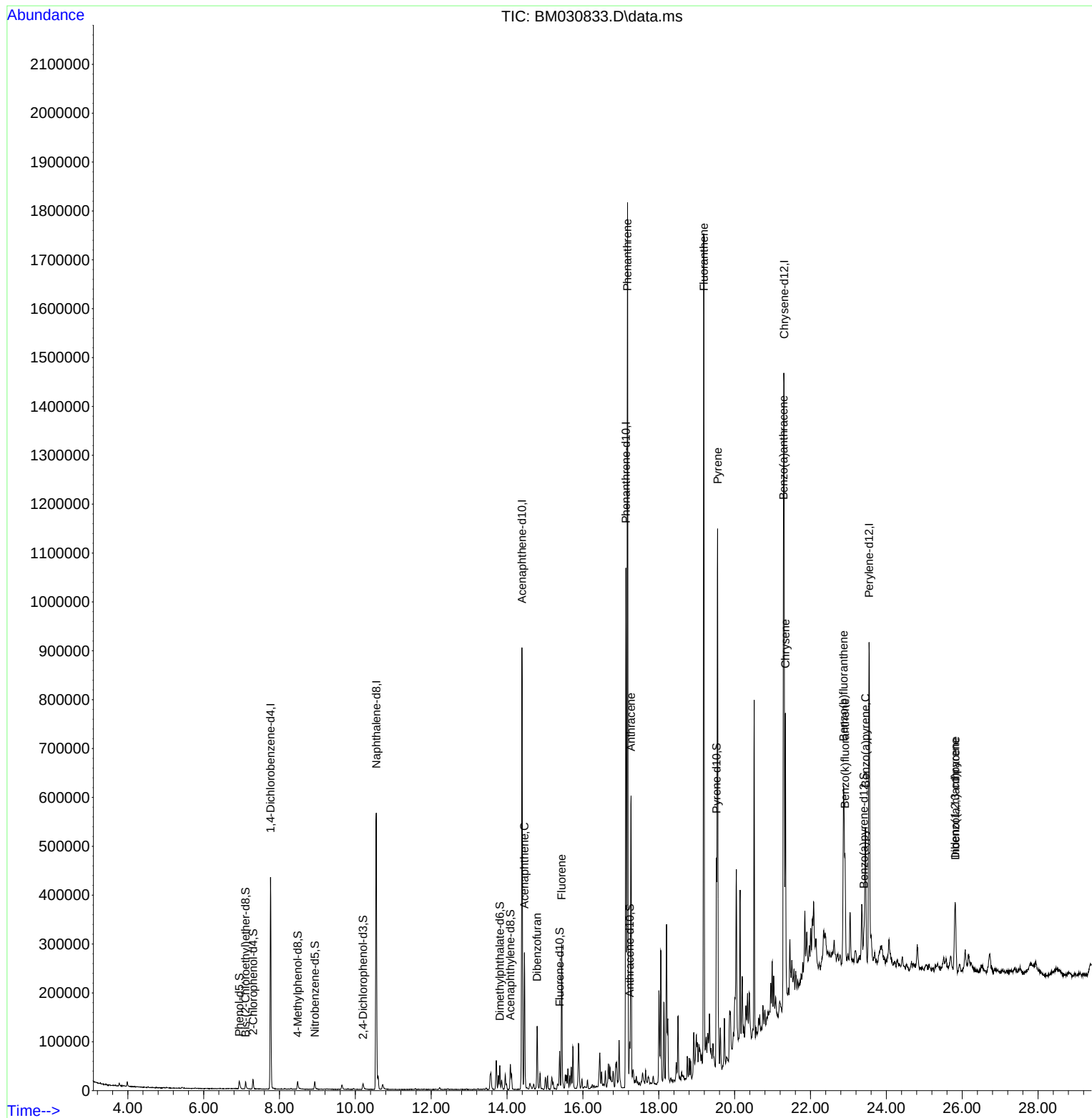
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

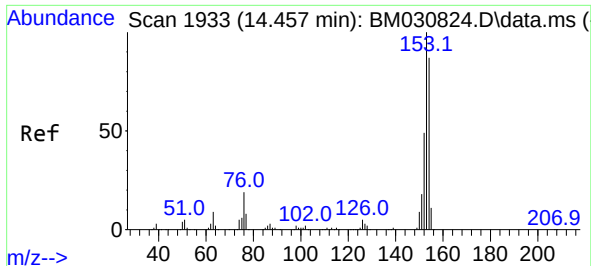
Instrument :
BNA_M
ClientSampleId :
BGDX5DL2

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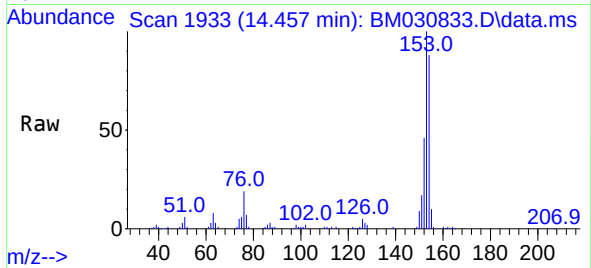
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration





#52
Acenaphthene
Concen: 5.903 ng/u1
RT: 14.457 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BM030833.D
Acq: 06 Jul 2021 23:22

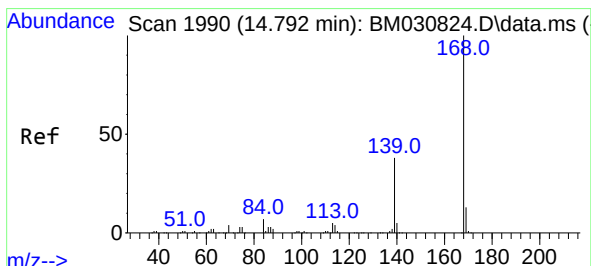
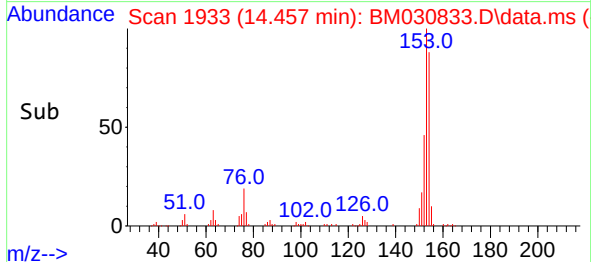
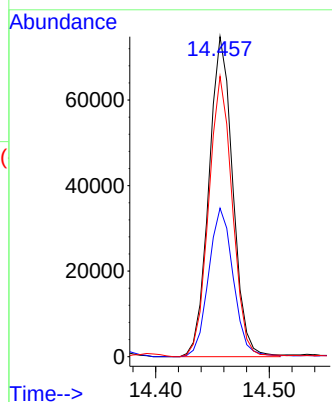
Instrument :
BNA_M
ClientSampled :
BGDX5DL2



Tgt Ion:153 Resp: 109497
Ion Ratio Lower Upper
153 100
152 46.4 38.8 58.2
154 87.6 71.3 106.9

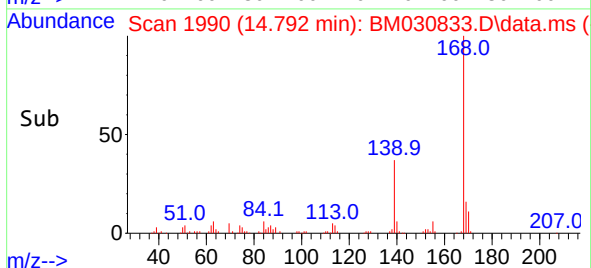
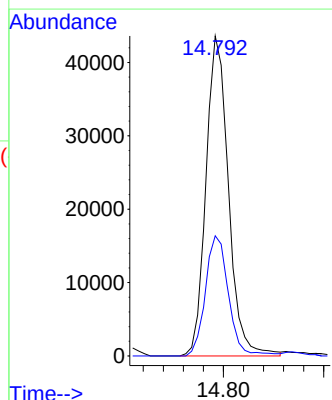
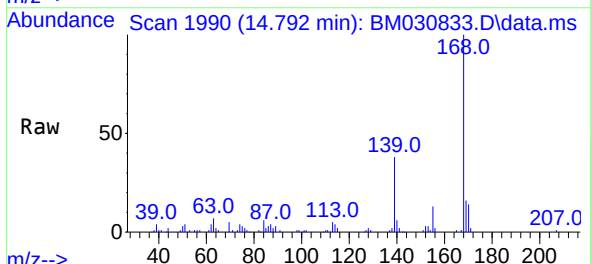
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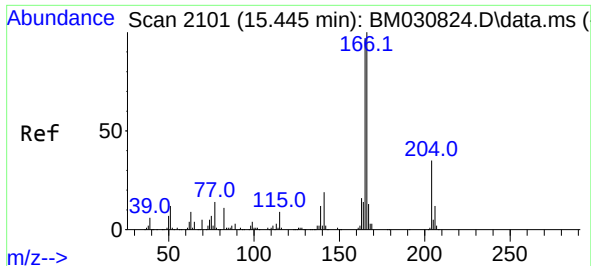
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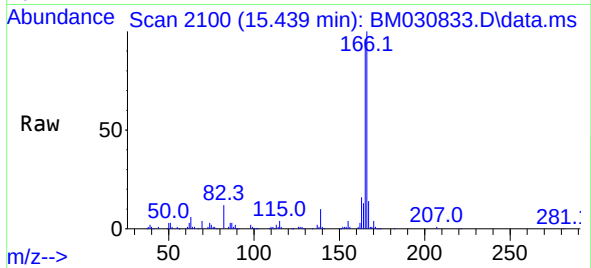
#56
Dibenzofuran
Concen: 2.602 ng/u1
RT: 14.792 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BM030833.D
Acq: 06 Jul 2021 23:22

Tgt Ion:168 Resp: 67964
Ion Ratio Lower Upper
168 100
139 37.6 30.2 45.4

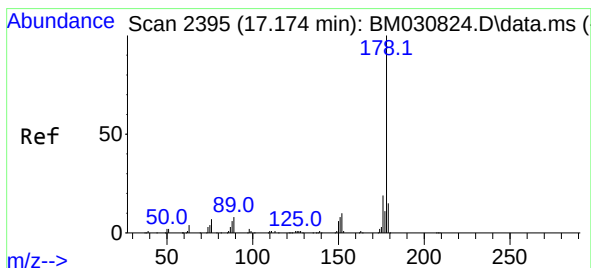
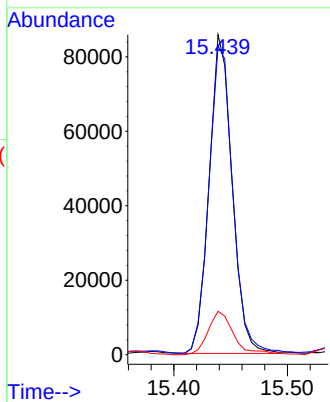
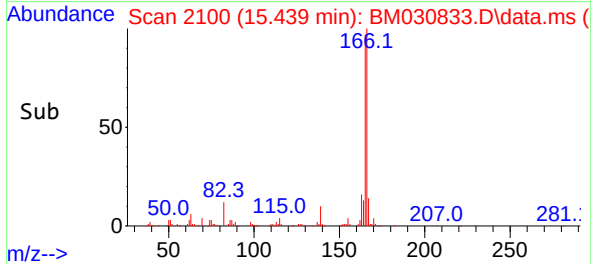




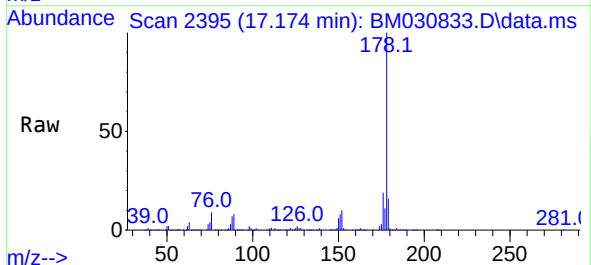
#61
Fluorene
Concen: 5.592 ng/u1
RT: 15.439 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BM030833.D
Acq: 06 Jul 2021 23:22



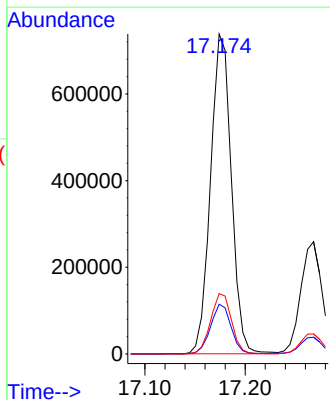
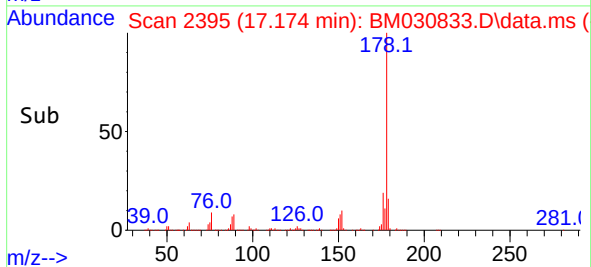
Tgt Ion:166 Resp: 120288
Ion Ratio Lower Upper
166 100
165 96.5 77.4 116.2
167 13.5 10.6 15.8



#72
Phenanthrene
Concen: 31.730 ng/u1
RT: 17.174 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BM030833.D
Acq: 06 Jul 2021 23:22



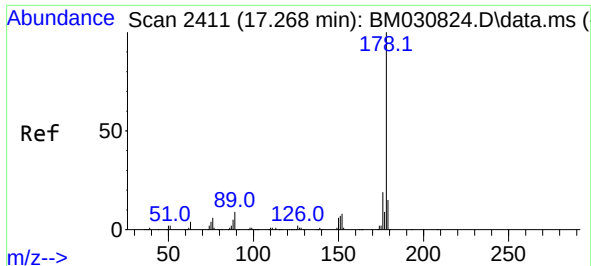
Tgt Ion:178 Resp: 1064289
Ion Ratio Lower Upper
178 100
179 15.6 12.1 18.1
176 18.9 15.4 23.0



Instrument :
BNA_M
ClientSampleId :
BGDX5DL2

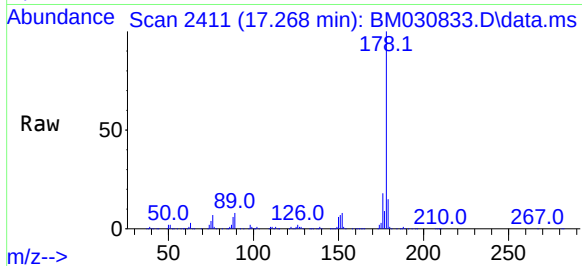
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#74
 Anthracene
 Concen: 10.875 ng/ul
 RT: 17.268 min Scan# 2411
 Delta R.T. -0.000 min
 Lab File: BM030833.D
 Acq: 06 Jul 2021 23:22

Instrument :
 BNA_M
 ClientSampleId :
 BGD5DL2

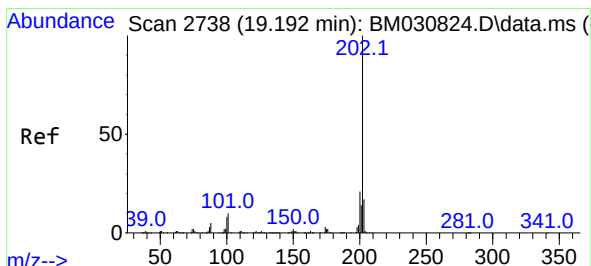
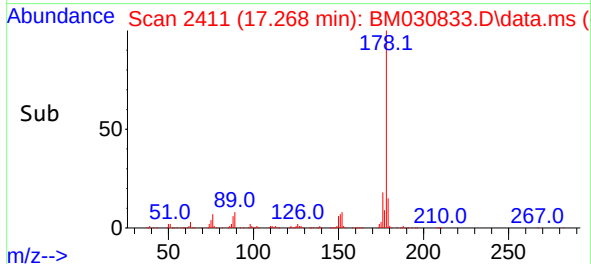
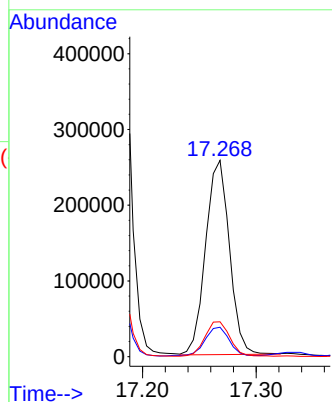


Tgt Ion:178 Resp: 374778

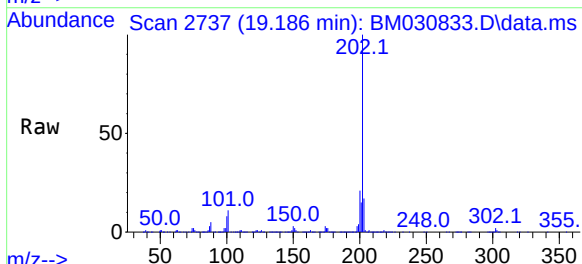
Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.1	18.1
176	17.8	14.7	22.1

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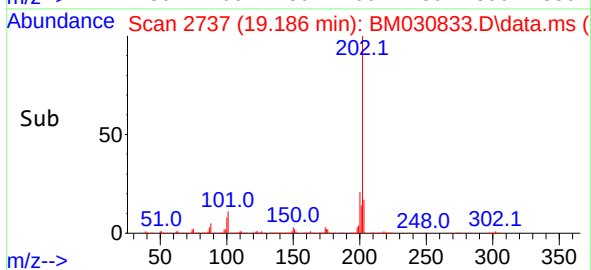
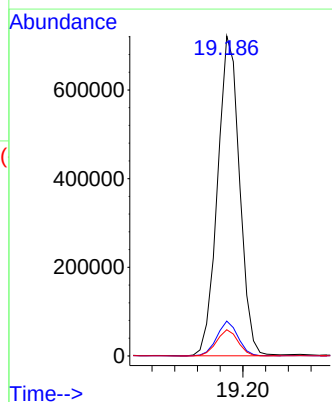


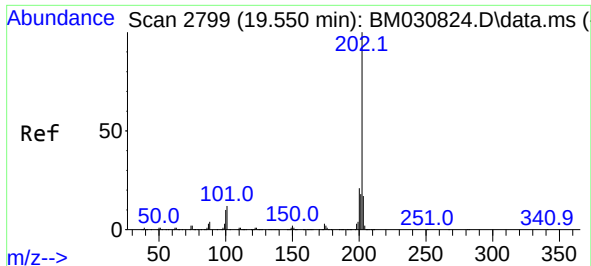
#80
 Fluoranthene
 Concen: 29.358 ng/ul
 RT: 19.186 min Scan# 2737
 Delta R.T. -0.000 min
 Lab File: BM030833.D
 Acq: 06 Jul 2021 23:22



Tgt Ion:202 Resp: 971591

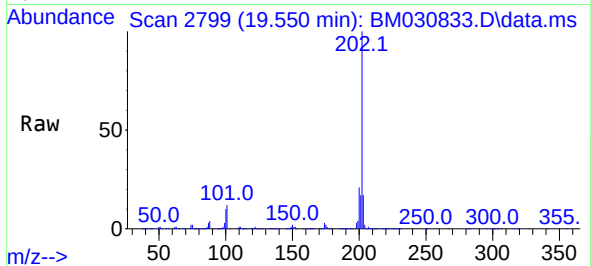
Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.8	13.2
100	8.2	6.7	10.1





#82
Pyrene
Concen: 20.103 ng/ul
RT: 19.550 min Scan# 2799
Delta R.T. -0.000 min
Lab File: BM030833.D
Acq: 06 Jul 2021 23:22

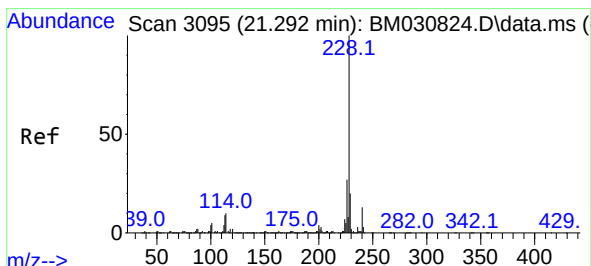
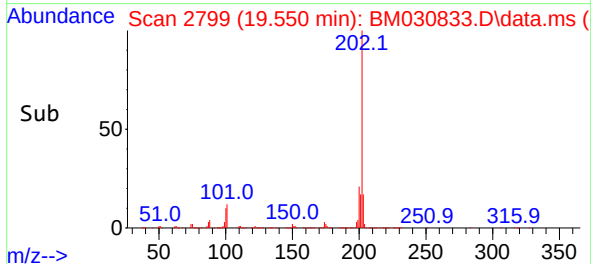
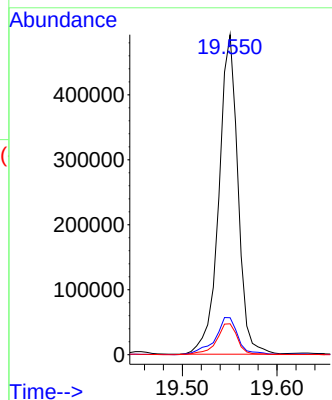
Instrument :
BNA_M
ClientSampled :
BGDX5DL2



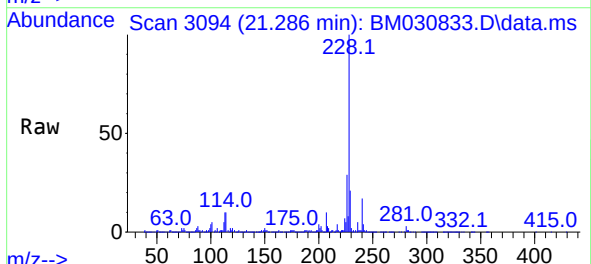
Tgt Ion:202 Resp: 689540
Ion Ratio Lower Upper
202 100
101 11.5 9.8 14.6
100 9.7 8.0 12.0

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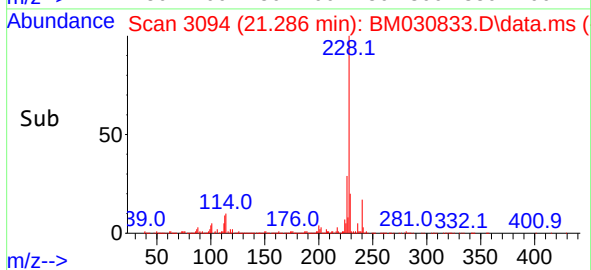
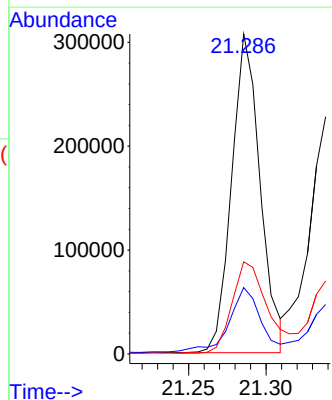
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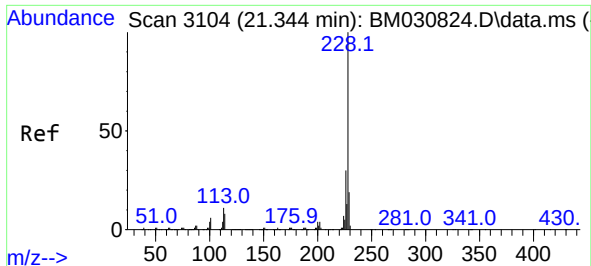


#85
Benzo(a)anthracene
Concen: 12.903 ng/ul
RT: 21.286 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BM030833.D
Acq: 06 Jul 2021 23:22



Tgt Ion:228 Resp: 392607
Ion Ratio Lower Upper
228 100
229 20.8 15.4 23.2
226 28.8 21.8 32.8





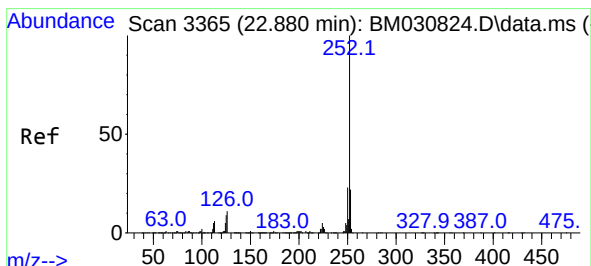
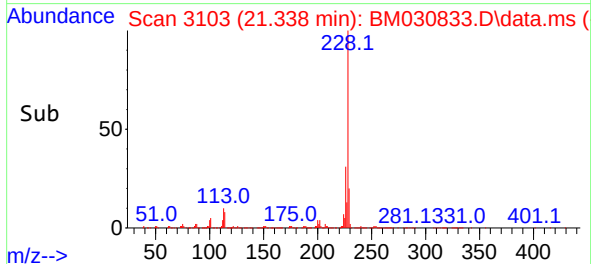
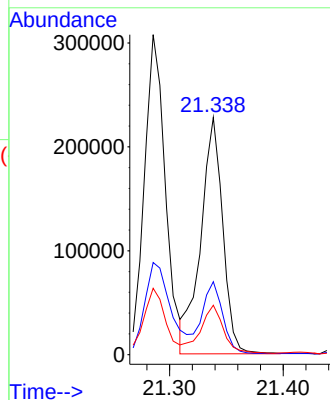
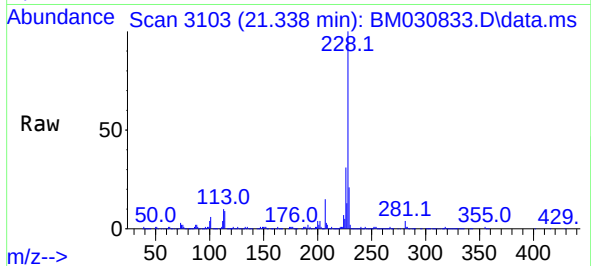
#87
Chrysene
Concen: 10.248 ng/ul
RT: 21.338 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM030833.D
Acq: 06 Jul 2021 23:22

Tgt Ion:228 Resp: 306807
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 20.8 15.5 23.3

Instrument :
BNA_M
ClientSampled :
BGDX5DL2

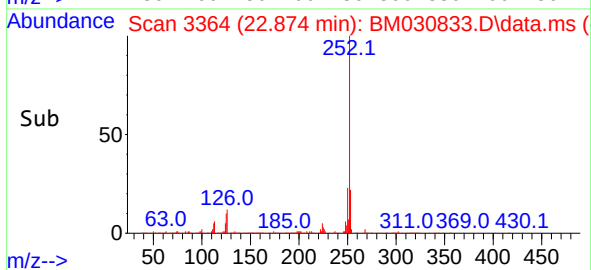
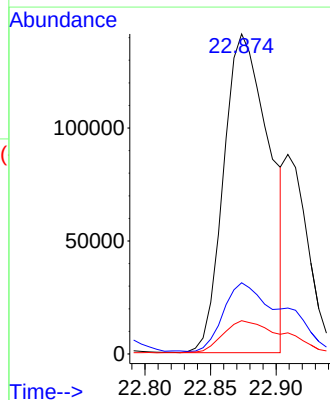
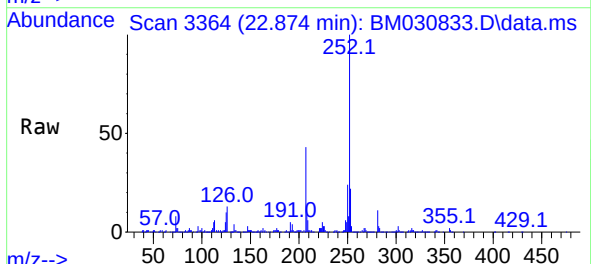
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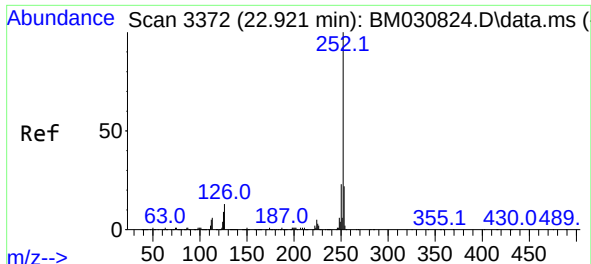
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#90
Benzo(b)fluoranthene
Concen: 11.510 ng/ul
RT: 22.874 min Scan# 3364
Delta R.T. -0.000 min
Lab File: BM030833.D
Acq: 06 Jul 2021 23:22

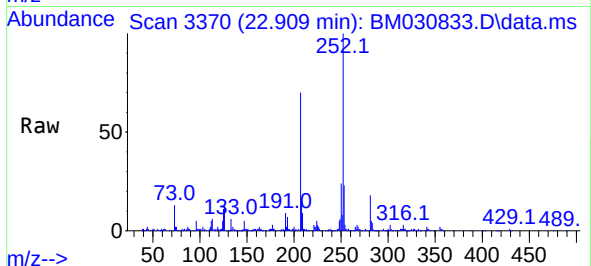
Tgt Ion:252 Resp: 341800
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.4 7.7 11.5





#91
Benzo(k)fluoranthene
Concen: 3.758 ng/ul m
RT: 22.909 min Scan# 3370
Delta R.T. -0.012 min
Lab File: BM030833.D
Acq: 06 Jul 2021 23:22

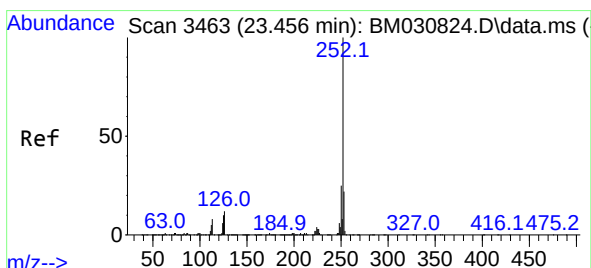
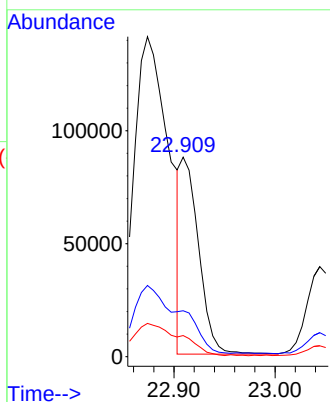
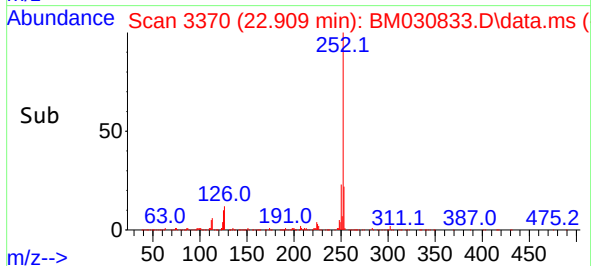
Instrument :
BNA_M
ClientSampled :
BGDX5DL2



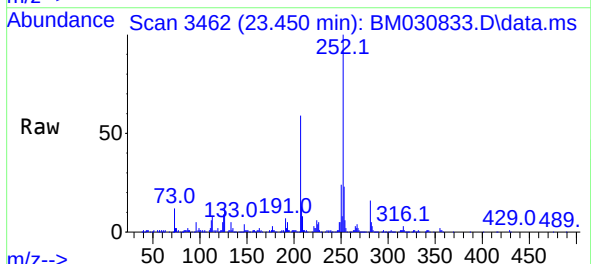
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Ion Ratio Lower Upper
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125 10.6 7.4 11.0

Manual Integrations
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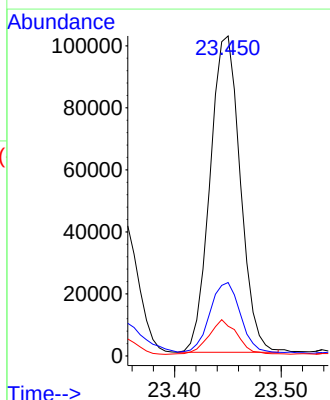
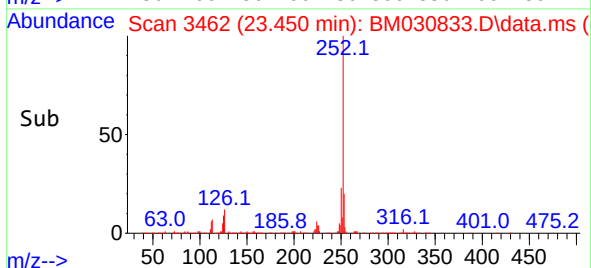
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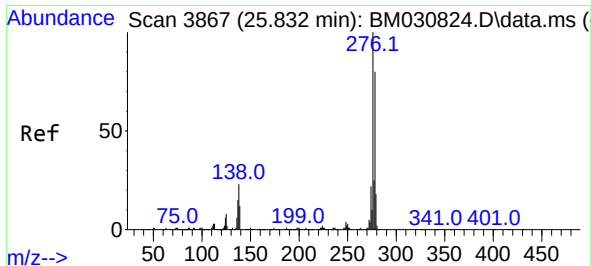


#93
Benzo(a)pyrene
Concen: 7.641 ng/ul
RT: 23.450 min Scan# 3462
Delta R.T. -0.006 min
Lab File: BM030833.D
Acq: 06 Jul 2021 23:22



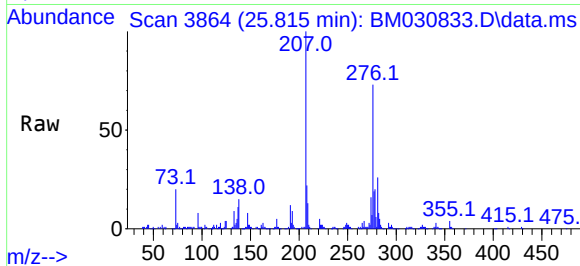
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Ion Ratio Lower Upper
252 100
253 22.9 16.7 25.1
125 9.3 8.5 12.7





#94
Indeno(1,2,3-cd)pyrene
Concen: 3.882 ng/ul
RT: 25.815 min Scan# 3864
Delta R.T. -0.012 min
Lab File: BM030833.D
Acq: 06 Jul 2021 23:22

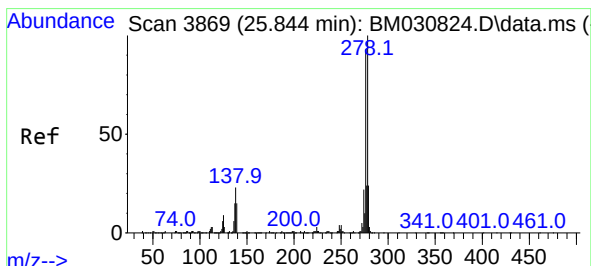
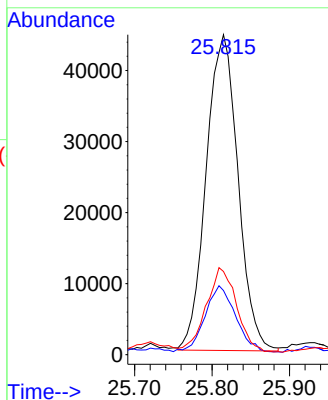
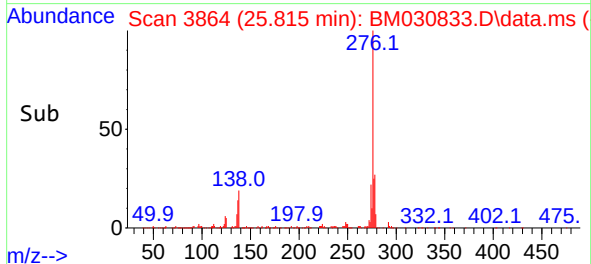
Instrument :
BNA_M
ClientSampled :
BGDX5DL2



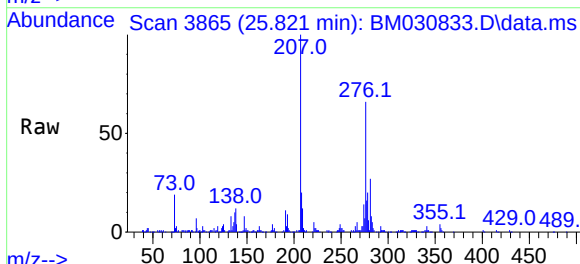
Tgt Ion:276 Resp: 126876
Ion Ratio Lower Upper
276 100
138 20.1 18.1 27.1
277 26.0 20.3 30.5

Manual Integrations
APPROVED

mohammad
7/7/2021 6:12:16 PM



#95
Dibenzo(a,h)anthracene
Concen: 1.465 ng/ul
RT: 25.821 min Scan# 3865
Delta R.T. -0.018 min
Lab File: BM030833.D
Acq: 06 Jul 2021 23:22



Tgt Ion:278 Resp: 40142
Ion Ratio Lower Upper
278 100
139 18.5 12.4 18.6
279 28.3 19.0 28.6

