

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030842.D
 Acq On : 07 Jul 2021 05:28
 Operator : CG/JU
 Sample : M2854-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDS4

Manual Integrations
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Quant Time: Jul 07 06:01:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 07 04:59:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	105985	20.000	ng/u1	0.00
20) Naphthalene-d8	10.545	136	440071	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.392	164	275135	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.133	188	533672	20.000	ng/u1	0.00
79) Chrysene-d12	21.297	240	395832	20.000	ng/u1	0.00
88) Perylene-d12	23.544	264	390164	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	5693	2.099	ng/uL	0.00
4) Pyridine-d5	3.704	84	26461	3.731	ng/u1	0.03
7) Phenol-d5	6.934	99	97961	10.578	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.098	67	67812	11.368	ng/u1	0.00
11) 2-Chlorophenol-d4	7.298	132	82907	11.669	ng/u1	0.00
15) 4-Methylphenol-d8	8.463	113	78974	10.641	ng/u1	0.00
21) Nitrobenzene-d5	8.922	128	38478	11.756	ng/u1	0.00
24) 2-Nitrophenol-d4	9.639	143	40255	11.240	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	74772	10.849	ng/u1	0.00
31) 4-Chloroaniline-d4	10.692	131	89636	9.158	ng/u1	0.00
46) Dimethylphthalate-d6	13.804	166	259089	13.451	ng/u1	0.00
49) Acenaphthylene-d8	14.086	160	300775	12.362	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	23104	6.892	ng/u1	0.01
60) Fluorene-d10	15.386	176	220957	13.027	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.515	200	26815	7.836	ng/u1	0.00
73) Anthracene-d10	17.227	188	334708	13.459	ng/u1	0.00
81) Pyrene-d10	19.521	212	355918	16.303	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.397	264	264569	13.137	ng/u1	-0.01
Target Compounds						
					Qvalue	
52) Acenaphthene	14.457	153	42237	2.547	ng/u1	99
61) Fluorene	15.439	166	41399	2.153	ng/u1	98
72) Phenanthrene	17.174	178	502208	17.636	ng/u1	99
74) Anthracene	17.262	178	191624	6.549	ng/u1	98
80) Fluoranthene	19.186	202	636675	23.652	ng/u1	99
82) Pyrene	19.545	202	459255	16.461	ng/u1	99
85) Benzo(a)anthracene	21.286	228	265598	10.732	ng/u1	96
87) Chrysene	21.333	228	203968	8.376	ng/u1	99
90) Benzo(b)fluoranthene	22.874	252	248891	9.903	ng/u1	98
91) Benzo(k)fluoranthene	22.909	252	68152m	2.790	ng/u1	
93) Benzo(a)pyrene	23.444	252	143290	6.443	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	25.809	276	93808	3.391	ng/u1	97
95) Dibenzo(a,h)anthracene	25.821	278	28779	1.241	ng/u1	95

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

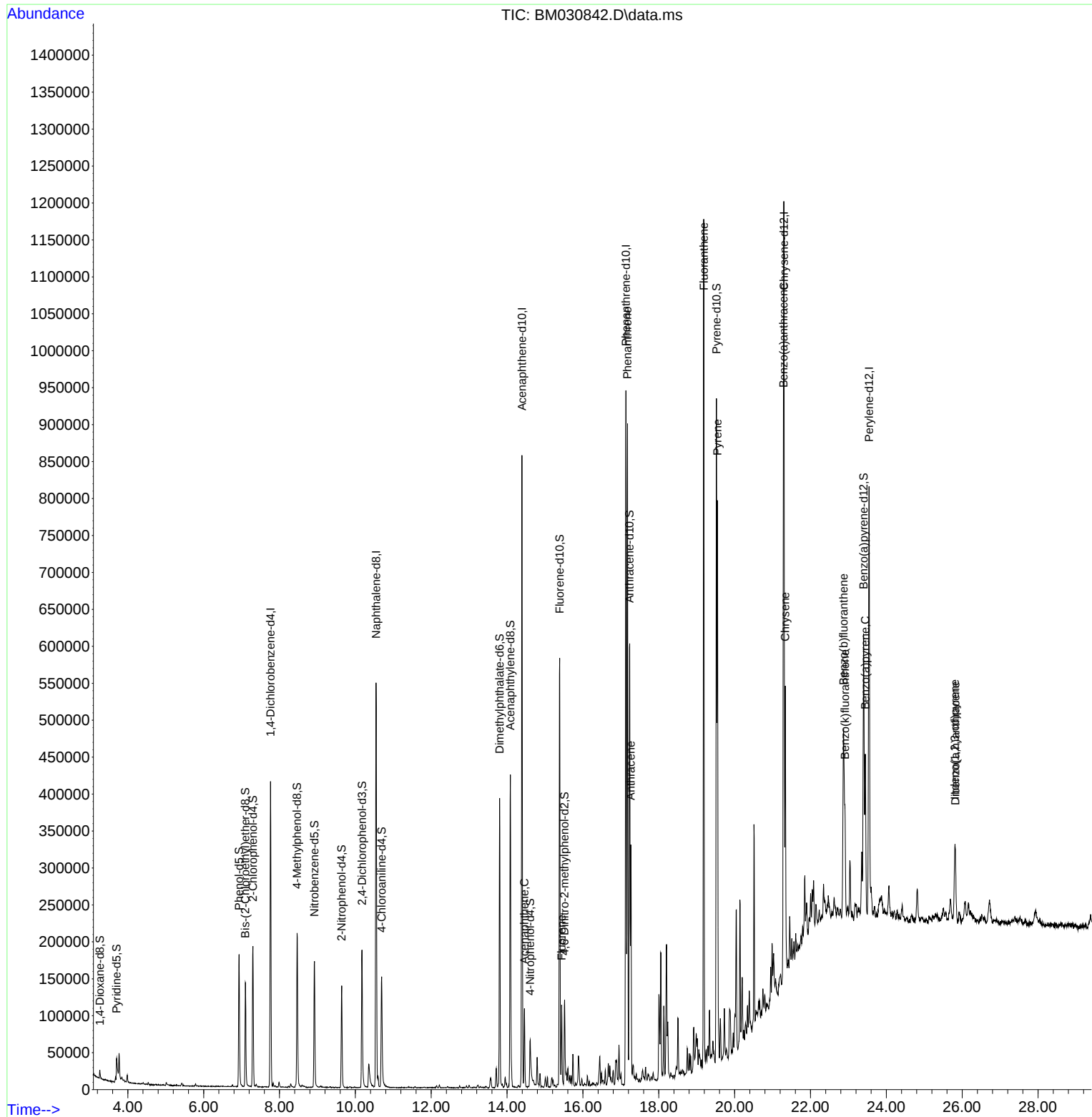
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030842.D
Acq On : 07 Jul 2021 05:28
Operator : CG/JU
Sample : M2854-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

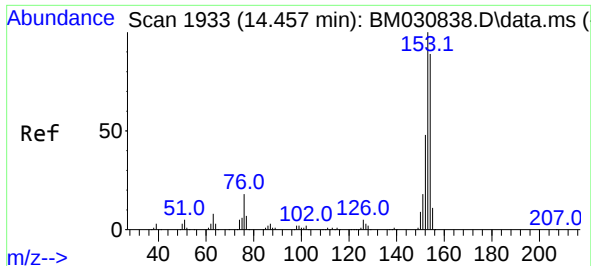
Instrument :
BNA_M
ClientSampleId :
BGDS4

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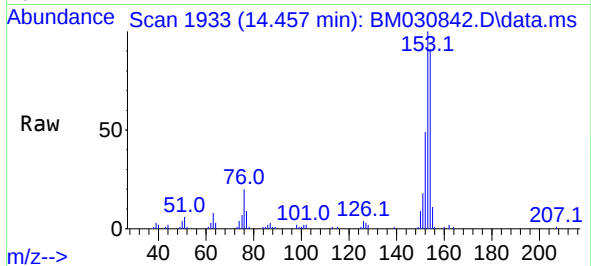
Quant Time: Jul 07 06:01:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 07 04:59:15 2021
Response via : Initial Calibration





#52
Acenaphthene
Concen: 2.547 ng/ul
RT: 14.457 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BM030842.D
Acq: 07 Jul 2021 05:28

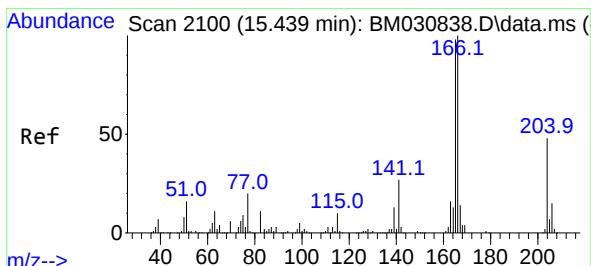
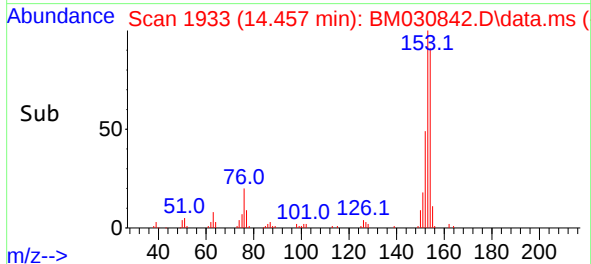
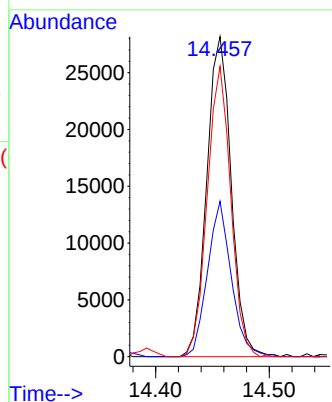
Instrument :
BNA_M
ClientSampleId :
BGDS4



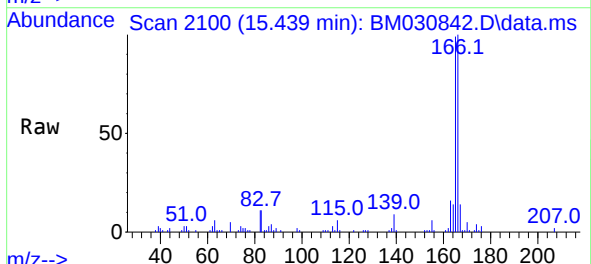
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Ion Ratio Lower Upper
153 100
152 48.5 38.8 58.2
154 90.7 71.3 106.9

Manual Integrations
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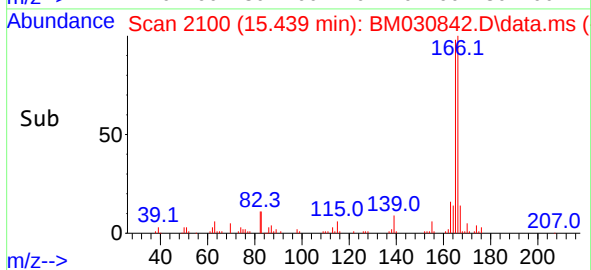
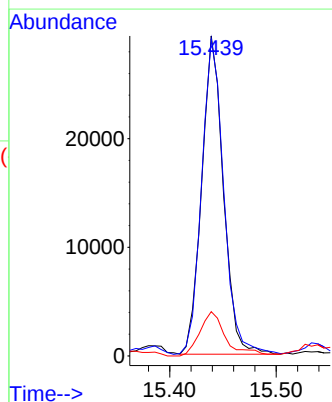
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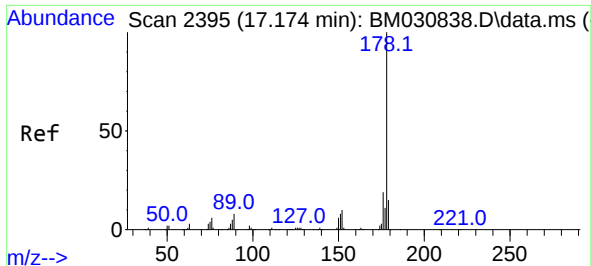


#61
Fluorene
Concen: 2.153 ng/ul
RT: 15.439 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BM030842.D
Acq: 07 Jul 2021 05:28



Tgt Ion:166 Resp: 41399
Ion Ratio Lower Upper
166 100
165 99.1 77.4 116.2
167 13.8 10.6 15.8





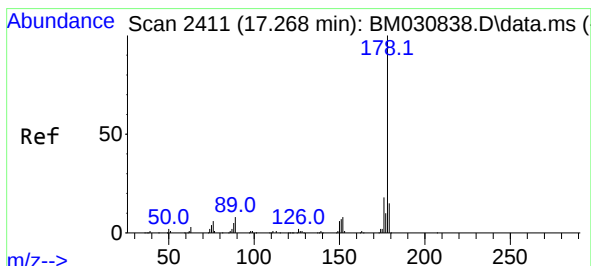
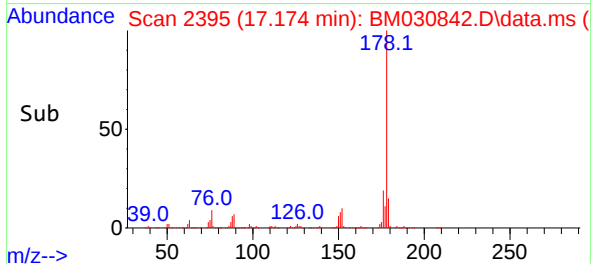
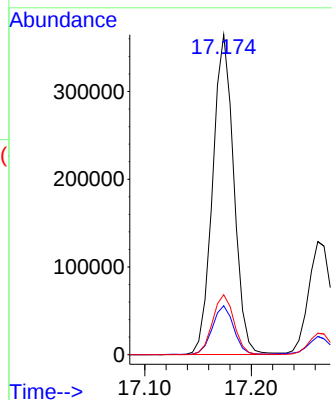
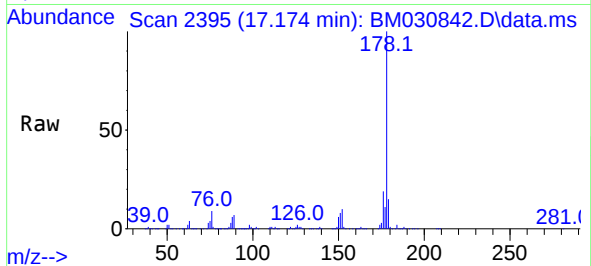
#72
Phenanthrene
Concen: 17.636 ng/u1
RT: 17.174 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BM030842.D
Acq: 07 Jul 2021 05:28

Tgt Ion:178 Resp: 502208
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 18.8 15.4 23.0

Instrument :
BNA_M
ClientSampled :
BGDS4

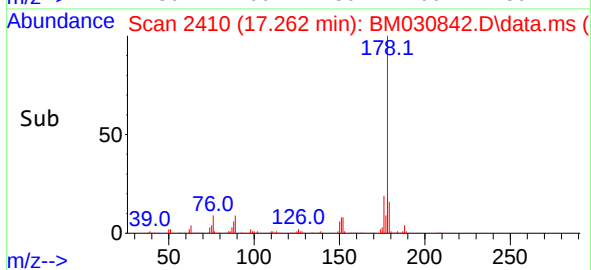
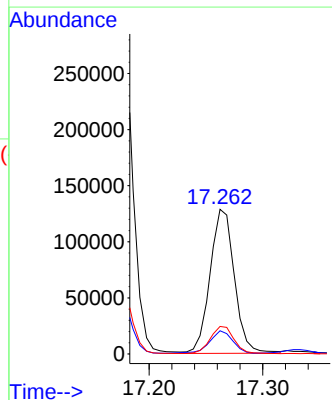
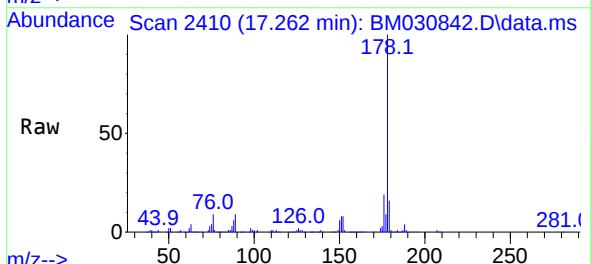
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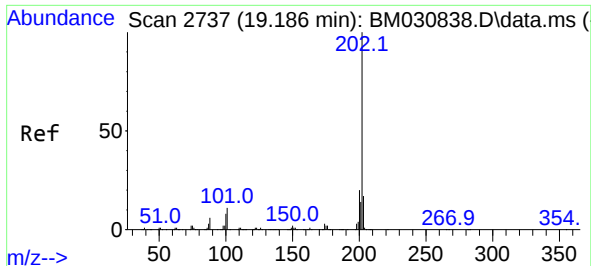
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#74
Anthracene
Concen: 6.549 ng/u1
RT: 17.262 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BM030842.D
Acq: 07 Jul 2021 05:28

Tgt Ion:178 Resp: 191624
Ion Ratio Lower Upper
178 100
179 16.1 12.1 18.1
176 19.0 14.7 22.1





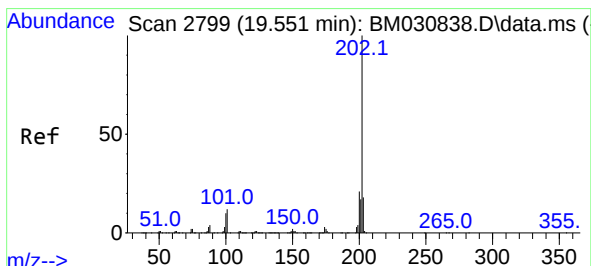
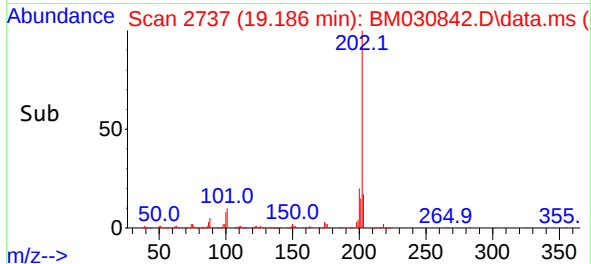
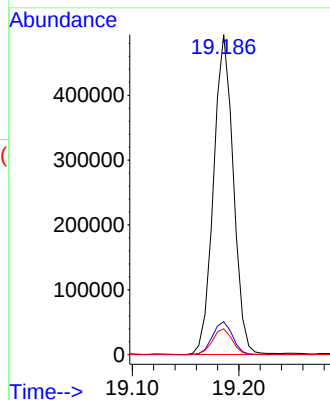
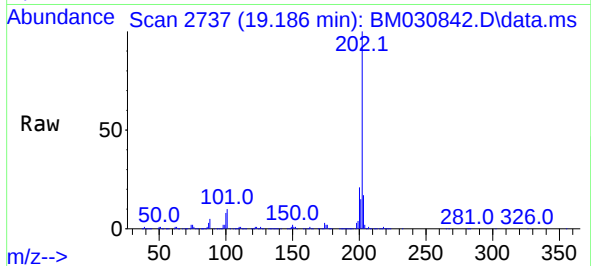
#80
Fluoranthene
Concen: 23.652 ng/u1
RT: 19.186 min Scan# 2737
Delta R.T. -0.000 min
Lab File: BM030842.D
Acq: 07 Jul 2021 05:28

Tgt Ion:202 Resp: 636675
Ion Ratio Lower Upper
202 100
101 10.3 8.8 13.2
100 8.1 6.7 10.1

Instrument :
BNA_M
ClientSampled :
BGDS4

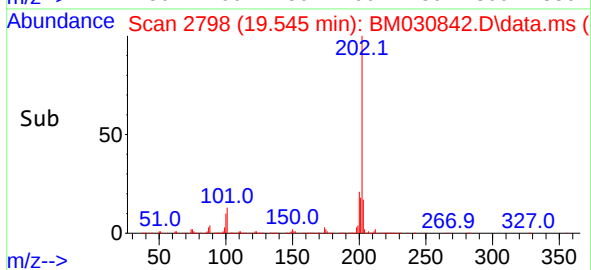
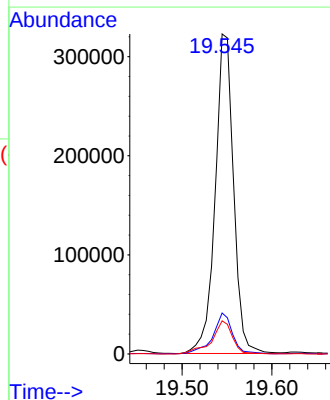
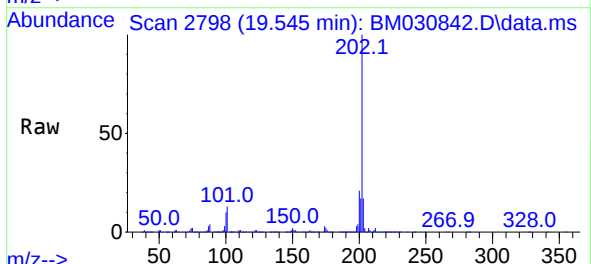
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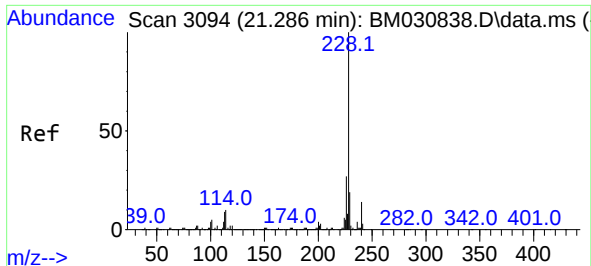
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#82
Pyrene
Concen: 16.461 ng/u1
RT: 19.545 min Scan# 2798
Delta R.T. -0.006 min
Lab File: BM030842.D
Acq: 07 Jul 2021 05:28

Tgt Ion:202 Resp: 459255
Ion Ratio Lower Upper
202 100
101 12.8 9.8 14.6
100 10.4 8.0 12.0





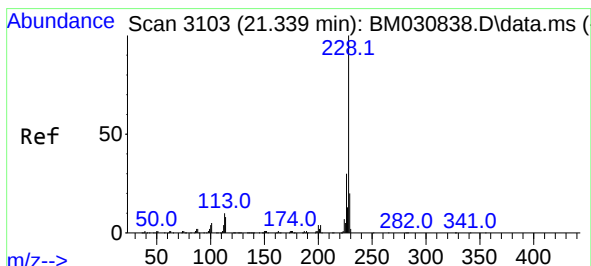
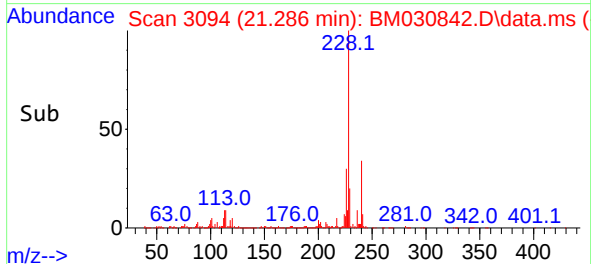
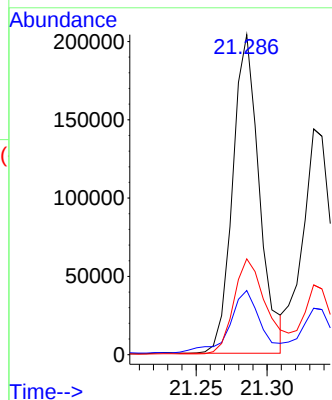
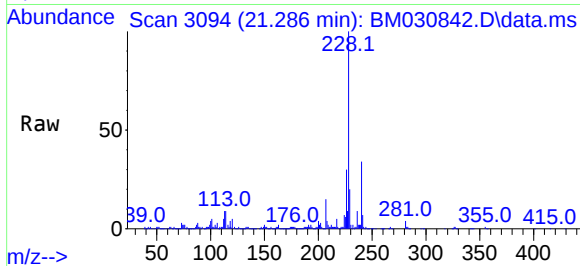
#85
Benzo(a)anthracene
Concen: 10.732 ng/ul
RT: 21.286 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BM030842.D
Acq: 07 Jul 2021 05:28

Tgt Ion:228 Resp: 265598
Ion Ratio Lower Upper
228 100
229 20.1 15.4 23.2
226 30.0 21.8 32.8

Instrument :
BNA_M
ClientSampled :
BGDS4

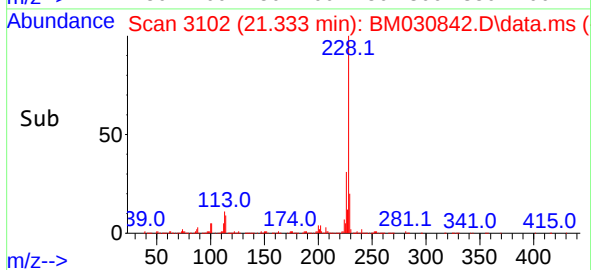
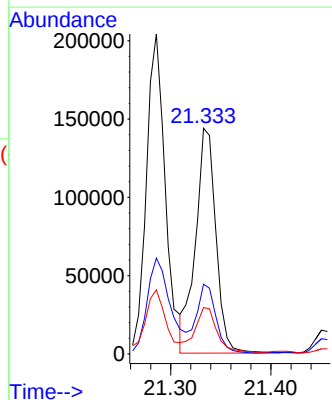
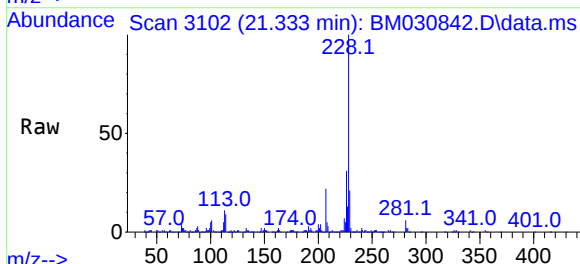
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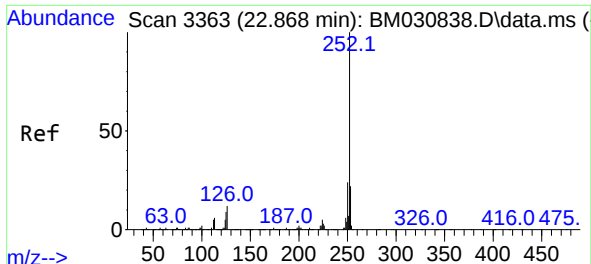
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#87
Chrysene
Concen: 8.376 ng/ul
RT: 21.333 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BM030842.D
Acq: 07 Jul 2021 05:28

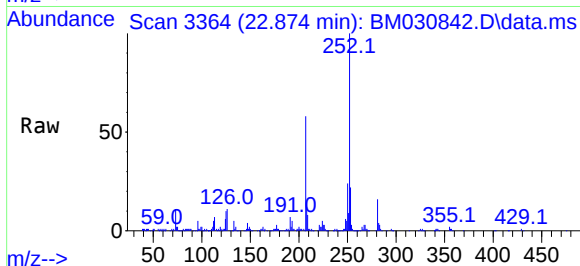
Tgt Ion:228 Resp: 203968
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 20.5 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 9.903 ng/ul
RT: 22.874 min Scan# 3364
Delta R.T. -0.000 min
Lab File: BM030842.D
Acq: 07 Jul 2021 05:28

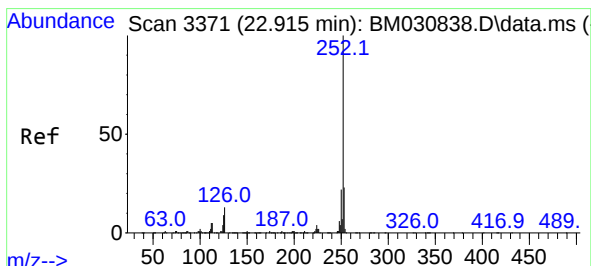
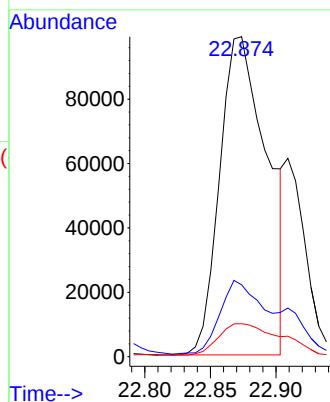
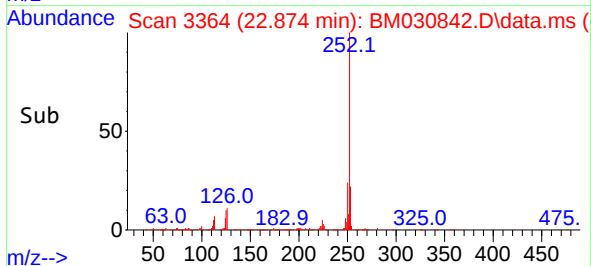
Instrument :
BNA_M
ClientSampled :
BGDS4



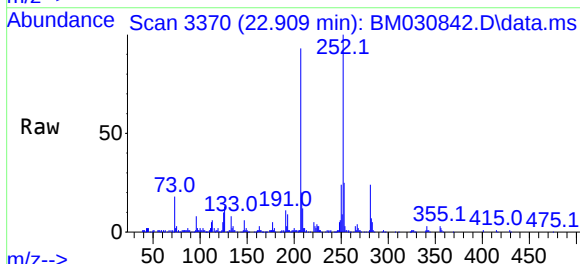
Tgt Ion:252 Resp: 248891
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 10.3 7.7 11.5

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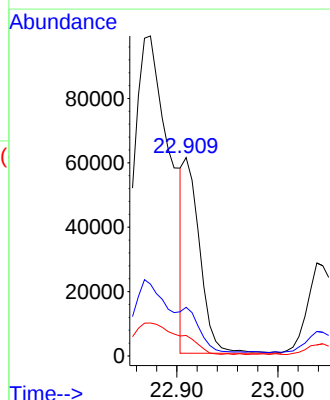
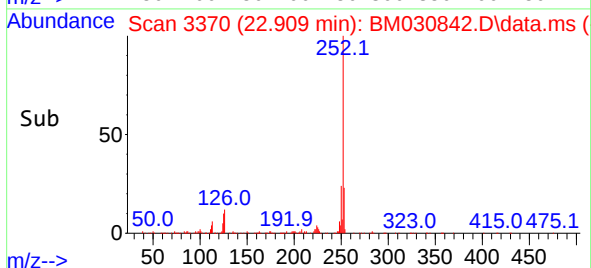
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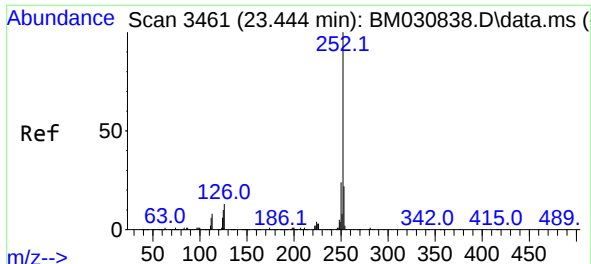


#91
Benzo(k)fluoranthene
Concen: 2.790 ng/ul m
RT: 22.909 min Scan# 3370
Delta R.T. -0.012 min
Lab File: BM030842.D
Acq: 07 Jul 2021 05:28



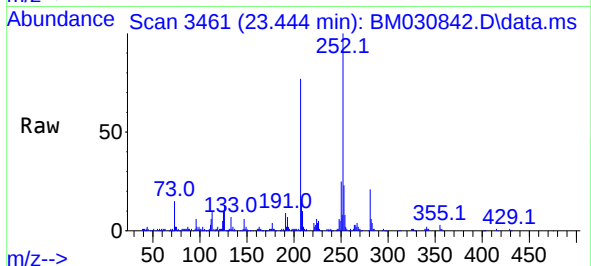
Tgt Ion:252 Resp: 68152
Ion Ratio Lower Upper
252 100
253 24.5 17.4 26.0
125 10.3 7.4 11.0





#93
Benzo(a)pyrene
Concen: 6.443 ng/ul
RT: 23.444 min Scan# 3461
Delta R.T. -0.012 min
Lab File: BM030842.D
Acq: 07 Jul 2021 05:28

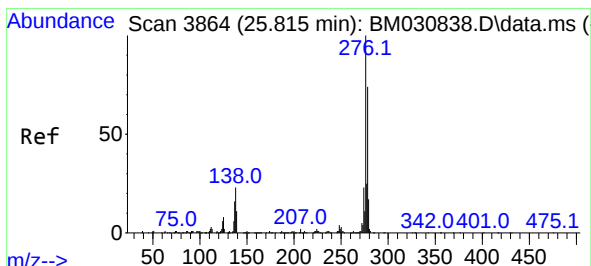
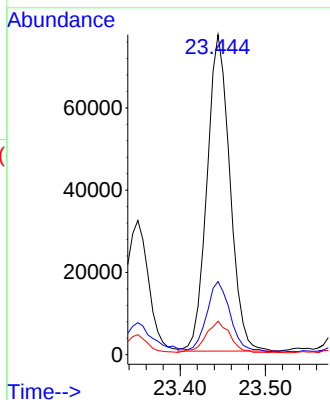
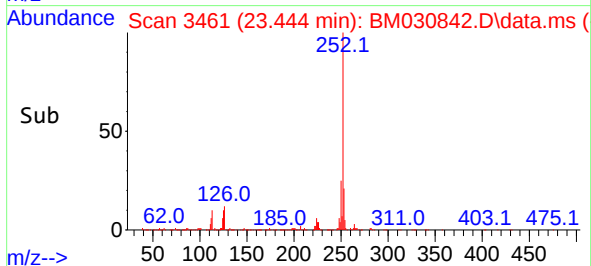
Instrument :
BNA_M
ClientSampled :
BGDS4



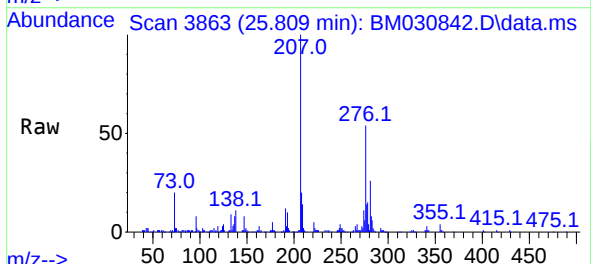
Tgt Ion:252 Resp: 143290
Ion Ratio Lower Upper
252 100
253 22.9 16.7 25.1
125 10.5 8.5 12.7

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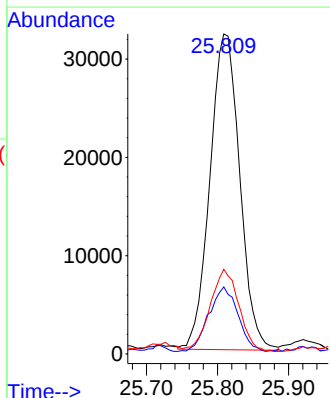
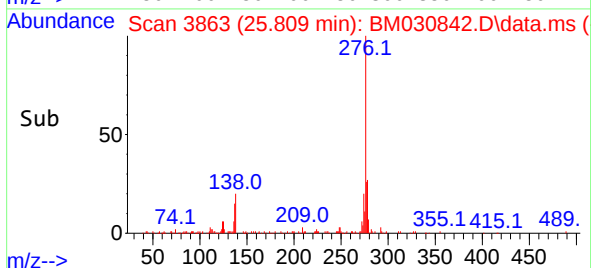
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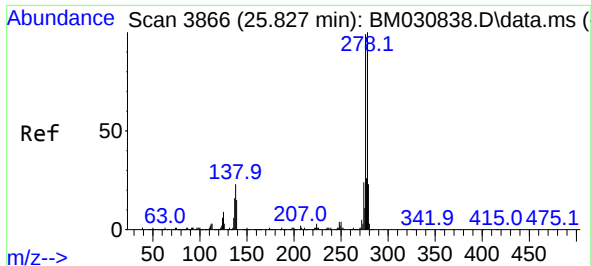


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.391 ng/ul
RT: 25.809 min Scan# 3863
Delta R.T. -0.018 min
Lab File: BM030842.D
Acq: 07 Jul 2021 05:28



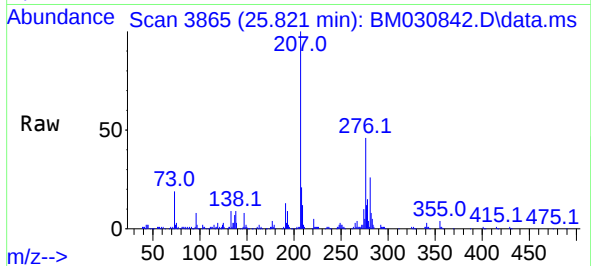
Tgt Ion:276 Resp: 93808
Ion Ratio Lower Upper
276 100
138 21.0 18.1 27.1
277 26.4 20.3 30.5





#95
 Dibenzo(a,h)anthracene
 Concen: 1.241 ng/ul
 RT: 25.821 min Scan# 3865
 Delta R.T. -0.018 min
 Lab File: BM030842.D
 Acq: 07 Jul 2021 05:28

Instrument :
 BNA_M
 ClientSampleId :
 BGDS4



Tgt Ion:	278	Resp:	28779
Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.4	18.6
279	26.7	19.0	28.6

Manual Integrations
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