

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030792.D
 Acq On : 03 Jul 2021 01:59
 Operator : CG/JU
 Sample : M2869-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDY0

Manual Integrations
 APPROVED

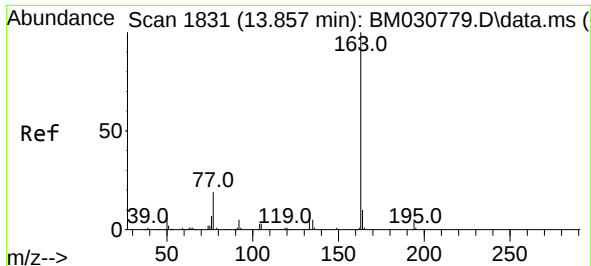
mohammad
 7/6/2021 9:25:22 AM

Quant Time: Jul 03 02:38:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 03 02:08:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	71017	20.00	ng/ul	0.00
20) Naphthalene-d8	10.551	136	267669	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	153779	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.139	188	310034	20.00	ng/ul	0.00
79) Chrysene-d12	21.303	240	353395	20.00	ng/ul	0.00
88) Perylene-d12	23.550	264	395668	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	3213m	1.83	ng/uL	0.00
4) Pyridine-d5	3.746	84	9915m	2.11	ng/ul	0.07
7) Phenol-d5	6.940	99	42493	6.94	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	29802	7.74	ng/ul	0.00
11) 2-Chlorophenol-d4	7.304	132	36042	7.62	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	30904	6.48	ng/ul	0.00
21) Nitrobenzene-d5	8.928	128	14913	7.47	ng/ul	0.00
24) 2-Nitrophenol-d4	9.645	143	15132	6.82	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.181	165	28138m	6.62	ng/ul	0.00
31) 4-Chloroaniline-d4	10.704	131	36297	6.12	ng/ul	0.01
46) Dimethylphthalate-d6	13.810	166	90875	8.56	ng/ul	0.00
49) Acenaphthylene-d8	14.092	160	107426	7.79	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	5870	2.92	ng/ul	0.03
60) Fluorene-d10	15.392	176	82199	8.73	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.521	200	5375m	2.65	ng/ul	0.00
73) Anthracene-d10	17.233	188	120424	8.32	ng/ul	0.00
81) Pyrene-d10	19.521	212	139460	7.53	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.409	264	140386	6.82	ng/ul	0.00
Target Compounds						
					Qvalue	
47) Dimethylphthalate	13.857	163	34608	3.33	ng/ul#	98
72) Phenanthrene	17.180	178	21254	1.28	ng/ul	100
80) Fluoranthene	19.192	202	97199	4.30	ng/ul	97
82) Pyrene	19.551	202	73872	3.11	ng/ul	98
85) Benzo(a)anthracene	21.292	228	72572	3.31	ng/ul	98
87) Chrysene	21.339	228	59983	2.81	ng/ul	97
90) Benzo(b)fluoranthene	22.880	252	77920	3.10	ng/ul	97
91) Benzo(k)fluoranthene	22.915	252	30947m	1.28	ng/ul	
93) Benzo(a)pyrene	23.450	252	41823	1.85	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.821	276	29422	1.03	ng/ul	95

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



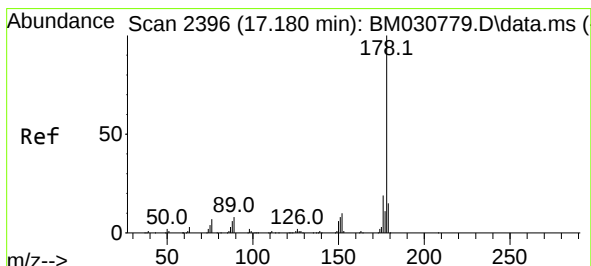
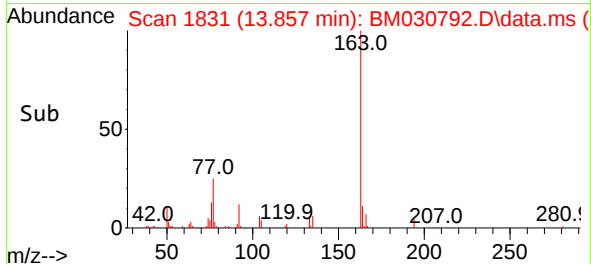
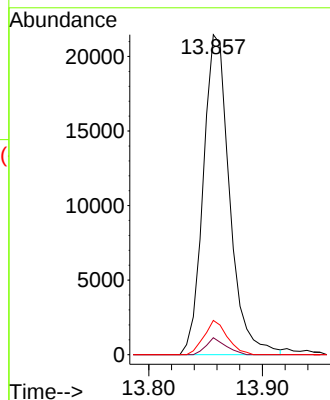
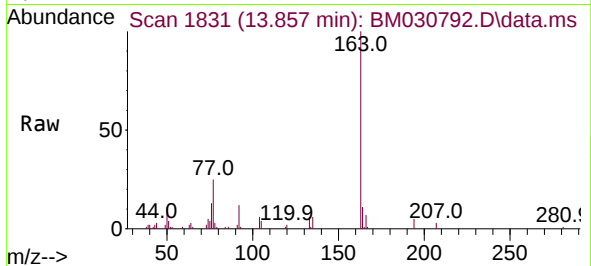
#47
Dimethylphthalate
Concen: 3.33 ng/ul
RT: 13.857 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BM030792.D
Acq: 03 Jul 2021 01:59

Tgt Ion:163 Resp: 34608
Ion Ratio Lower Upper
163 100
194 5.3 3.2 4.8#
164 10.7 8.2 12.4

Instrument :
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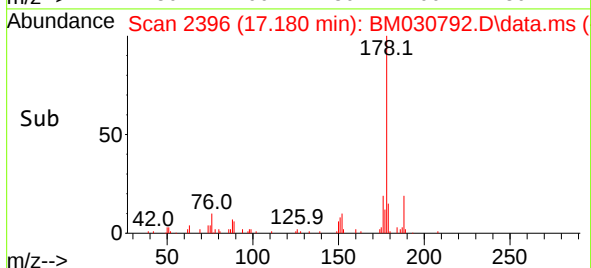
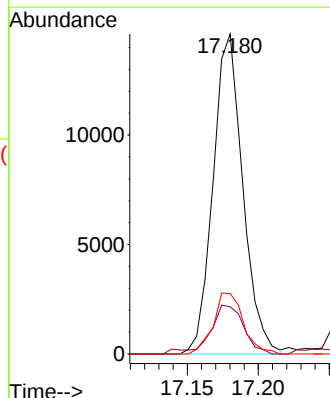
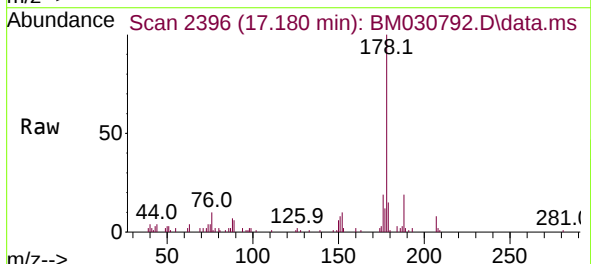
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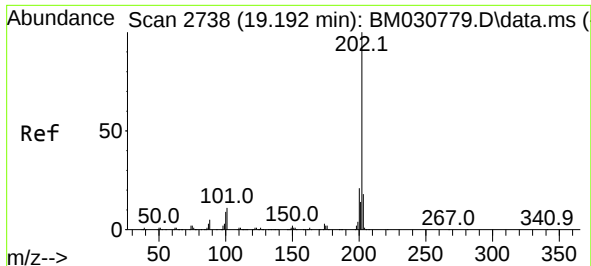
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#72
Phenanthrene
Concen: 1.28 ng/ul
RT: 17.180 min Scan# 2396
Delta R.T. 0.000 min
Lab File: BM030792.D
Acq: 03 Jul 2021 01:59

Tgt Ion:178 Resp: 21254
Ion Ratio Lower Upper
178 100
179 14.8 12.1 18.1
176 18.9 15.2 22.8





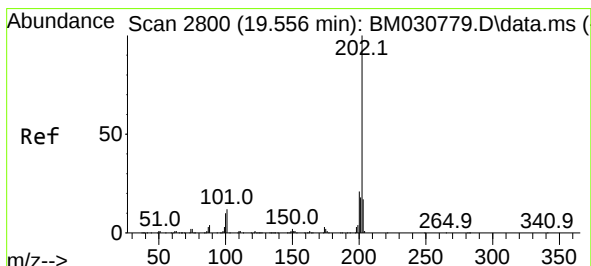
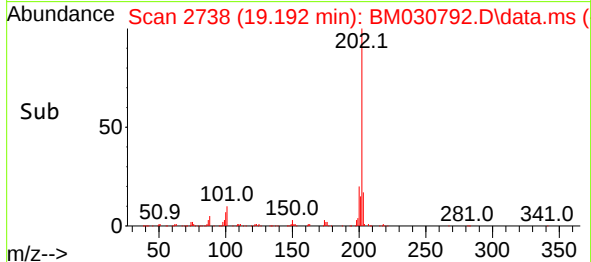
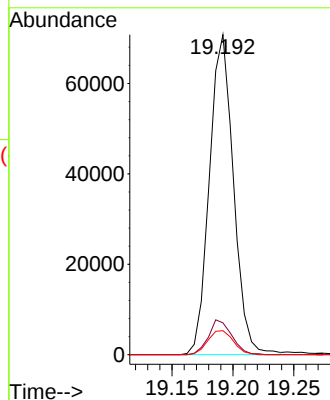
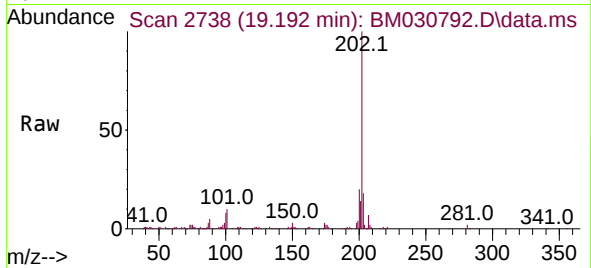
#80
Fluoranthene
Concen: 4.30 ng/ul
RT: 19.192 min Scan# 2738
Delta R.T. 0.000 min
Lab File: BM030792.D
Acq: 03 Jul 2021 01:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.8	13.2
100	7.5	6.8	10.2

Instrument :
BNA_M
ClientSampleId :
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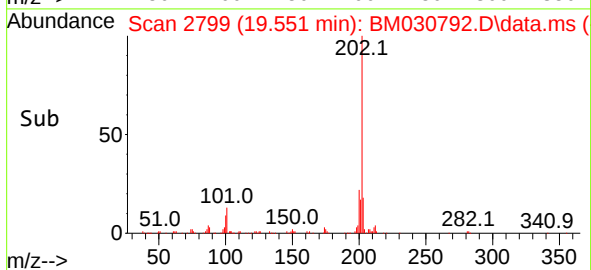
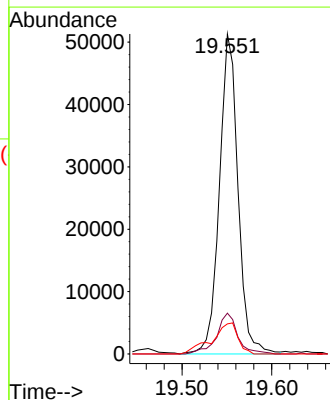
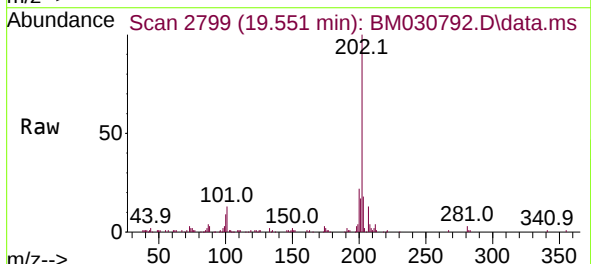
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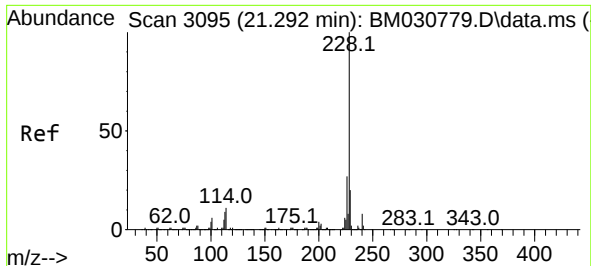
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#82
Pyrene
Concen: 3.11 ng/ul
RT: 19.551 min Scan# 2799
Delta R.T. -0.006 min
Lab File: BM030792.D
Acq: 03 Jul 2021 01:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.0	15.0
100	9.4	8.5	12.7





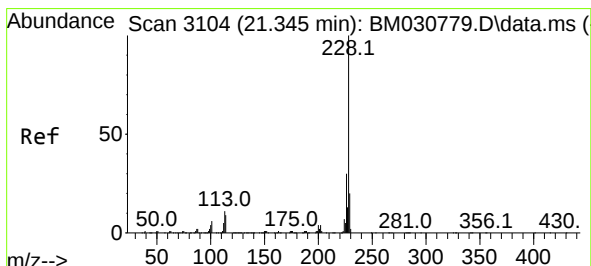
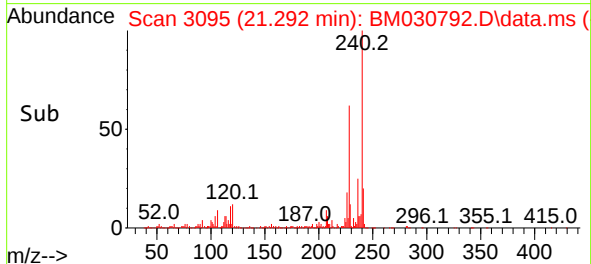
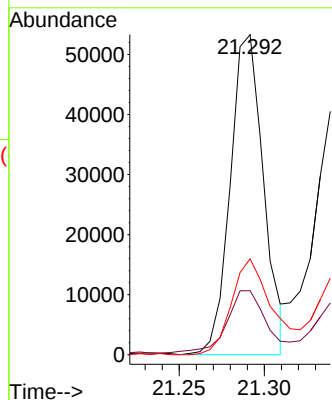
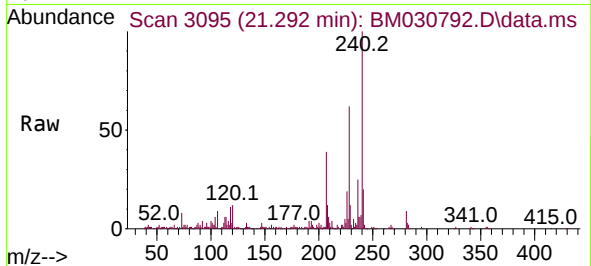
#85
Benzo(a)anthracene
Concen: 3.31 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. 0.000 min
Lab File: BM030792.D
Acq: 03 Jul 2021 01:59

Tgt Ion:228 Resp: 72572
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 29.9 22.2 33.2

Instrument :
BNA_M
ClientSampled :
BGDY0

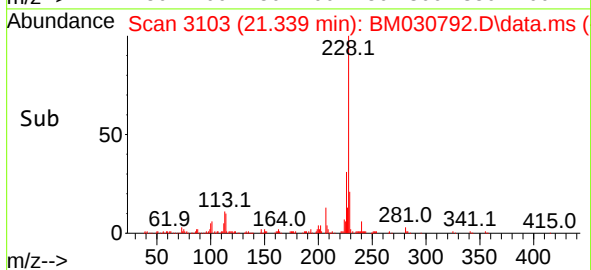
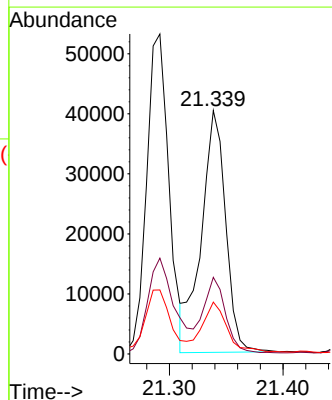
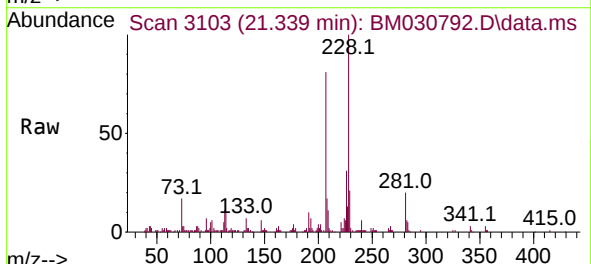
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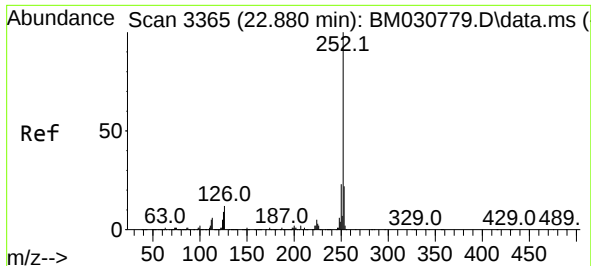
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#87
Chrysene
Concen: 2.81 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM030792.D
Acq: 03 Jul 2021 01:59

Tgt Ion:228 Resp: 59983
Ion Ratio Lower Upper
228 100
226 31.5 23.6 35.4
229 21.3 15.9 23.9





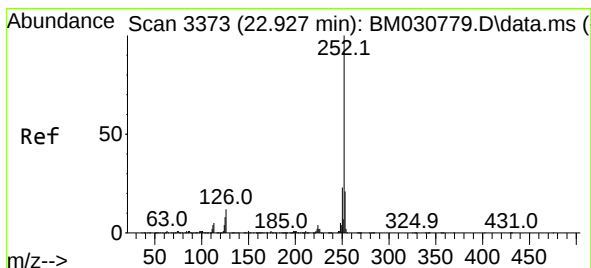
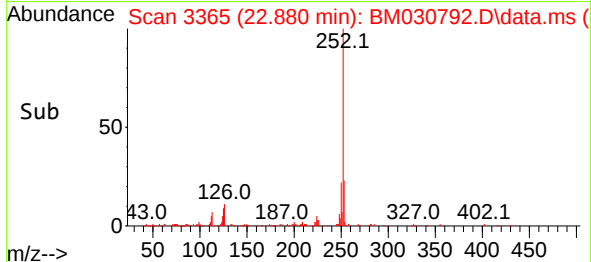
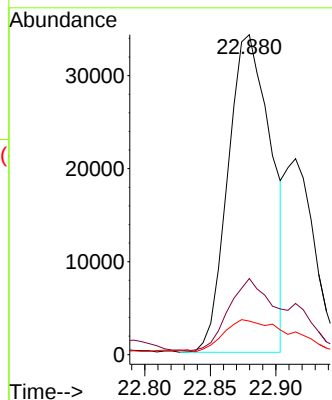
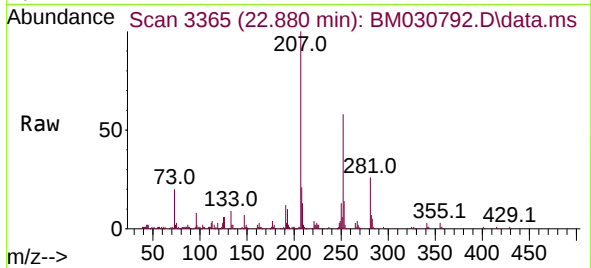
#90
Benzo(b)fluoranthene
Concen: 3.10 ng/ul
RT: 22.880 min Scan# 3365
Delta R.T. 0.000 min
Lab File: BM030792.D
Acq: 03 Jul 2021 01:59

Tgt Ion:252 Resp: 77920
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.6
125 10.5 7.7 11.5

Instrument :
BNA_M
ClientSampled :
BGDY0

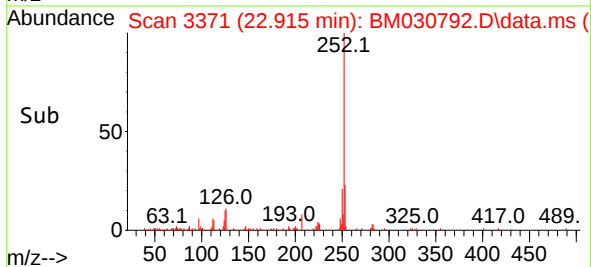
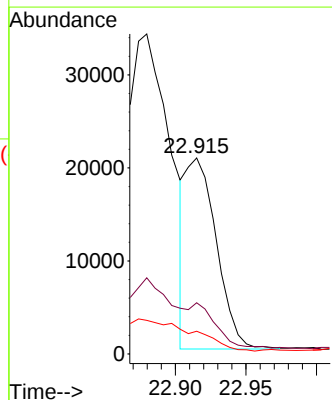
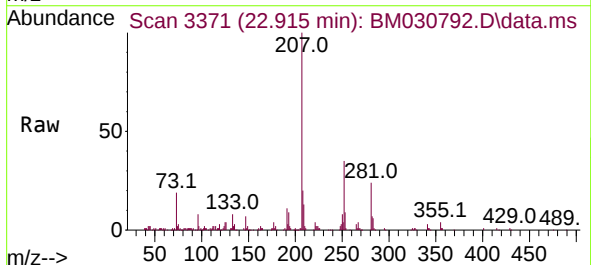
Manual Integrations
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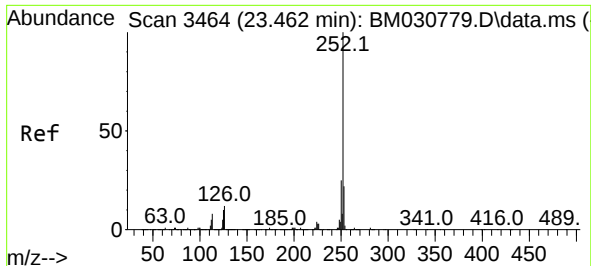
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#91
Benzo(k)fluoranthene
Concen: 1.28 ng/ul m
RT: 22.915 min Scan# 3371
Delta R.T. -0.012 min
Lab File: BM030792.D
Acq: 03 Jul 2021 01:59

Tgt Ion:252 Resp: 30947
Ion Ratio Lower Upper
252 100
253 26.2 17.4 26.2#
125 11.6 7.9 11.9





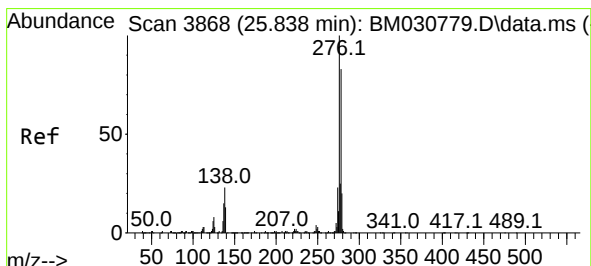
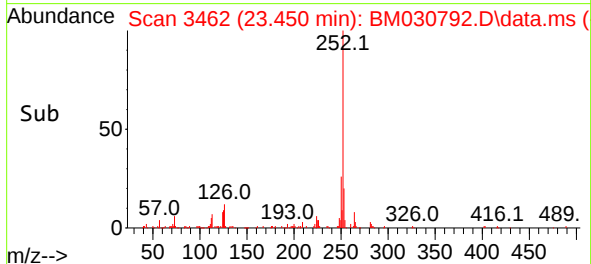
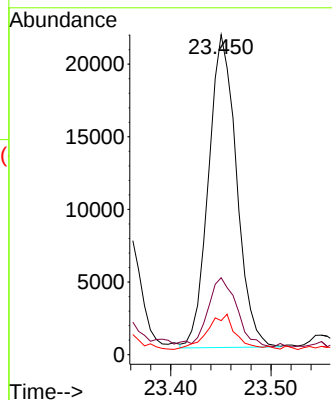
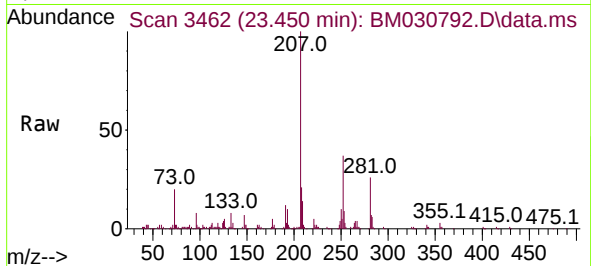
#93
Benzo(a)pyrene
Concen: 1.85 ng/ul
RT: 23.450 min Scan# 3462
Delta R.T. -0.012 min
Lab File: BM030792.D
Acq: 03 Jul 2021 01:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	10.7	8.6	13.0

Instrument :
BNA_M
ClientSampleId :
BGDY0

Manual Integrations
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#94
Indeno(1,2,3-cd)pyrene
Concen: 1.03 ng/ul
RT: 25.821 min Scan# 3865
Delta R.T. -0.018 min
Lab File: BM030792.D
Acq: 03 Jul 2021 01:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	19.5	29.3
277	23.5	19.6	29.4

