

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
 Data File : BM031992.D
 Acq On : 31 Aug 2021 19:39
 Operator : CG/JU
 Sample : M3486-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ4

Manual Integrations
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Quant Time: Sep 01 01:03:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 09:21:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.504	152	99595	20.000	ng/ul	0.00
20) Naphthalene-d8	10.263	136	433642	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.145	164	306948	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	655954	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.109	240	618148	20.000	ng/ul	# 0.00
88) Perylene-d12	23.244	264	529109	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	7053m	3.267	ng/uL	0.00
4) Pyridine-d5	3.528	84	57793	9.428	ng/ul	0.00
7) Phenol-d5	6.698	99	151921	18.395	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	87613	18.335	ng/ul	0.00
11) 2-Chlorophenol-d4	7.045	132	127306	20.032	ng/ul	0.00
15) 4-Methylphenol-d8	8.216	113	126270	17.821	ng/ul	0.00
21) Nitrobenzene-d5	8.657	128	64710	20.545	ng/ul	0.00
24) 2-Nitrophenol-d4	9.363	143	75535	20.264	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.898	165	150281	20.095	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	148799	14.105	ng/ul	0.00
46) Dimethylphthalate-d6	13.569	166	479357	20.639	ng/ul	0.00
49) Acenaphthylene-d8	13.833	160	586879	21.336	ng/ul	0.00
54) 4-Nitrophenol-d4	14.392	143	59448	14.141	ng/ul	0.00
60) Fluorene-d10	15.145	176	424134	20.774	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	59922	13.295	ng/ul	0.00
73) Anthracene-d10	16.998	188	673376	21.628	ng/ul	0.00
81) Pyrene-d10	19.303	212	810240	27.984	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.109	264	610352	21.949	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.675	77	13606	3.639	ng/ul	97
30) Naphthalene	10.310	128	43162	1.988	ng/ul	98
36) 2-Methylnaphthalene	11.933	142	33072	1.932	ng/ul	99
37) 1-Methylnaphthalene	12.157	142	25808	1.480	ng/ul	99
50) Acenaphthylene	13.863	152	62172	2.456	ng/ul	98
72) Phenanthrene	16.945	178	97037	2.709	ng/ul	100
74) Anthracene	17.033	178	181275	4.944	ng/ul	98
80) Fluoranthene	18.968	202	306546m	8.713	ng/ul	
82) Pyrene	19.333	202	400682	10.757	ng/ul	96
85) Benzo(a)anthracene	21.092	228	296827	7.720	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.039	149	51994	2.204	ng/ul	99
87) Chrysene	21.145	228	688684	18.621	ng/ul	99
90) Benzo(b)fluoranthene	22.615	252	544544	16.153	ng/ul	97
91) Benzo(k)fluoranthene	22.650	252	195844m	6.001	ng/ul	
93) Benzo(a)pyrene	23.156	252	348915	11.462	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.350	276	561440	14.410	ng/ul#	91
95) Dibenzo(a,h)anthracene	25.350	278	144510	4.410	ng/ul#	83
96) Benzo(g,h,i)perylene	25.997	276	612255	18.978	ng/ul	95

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

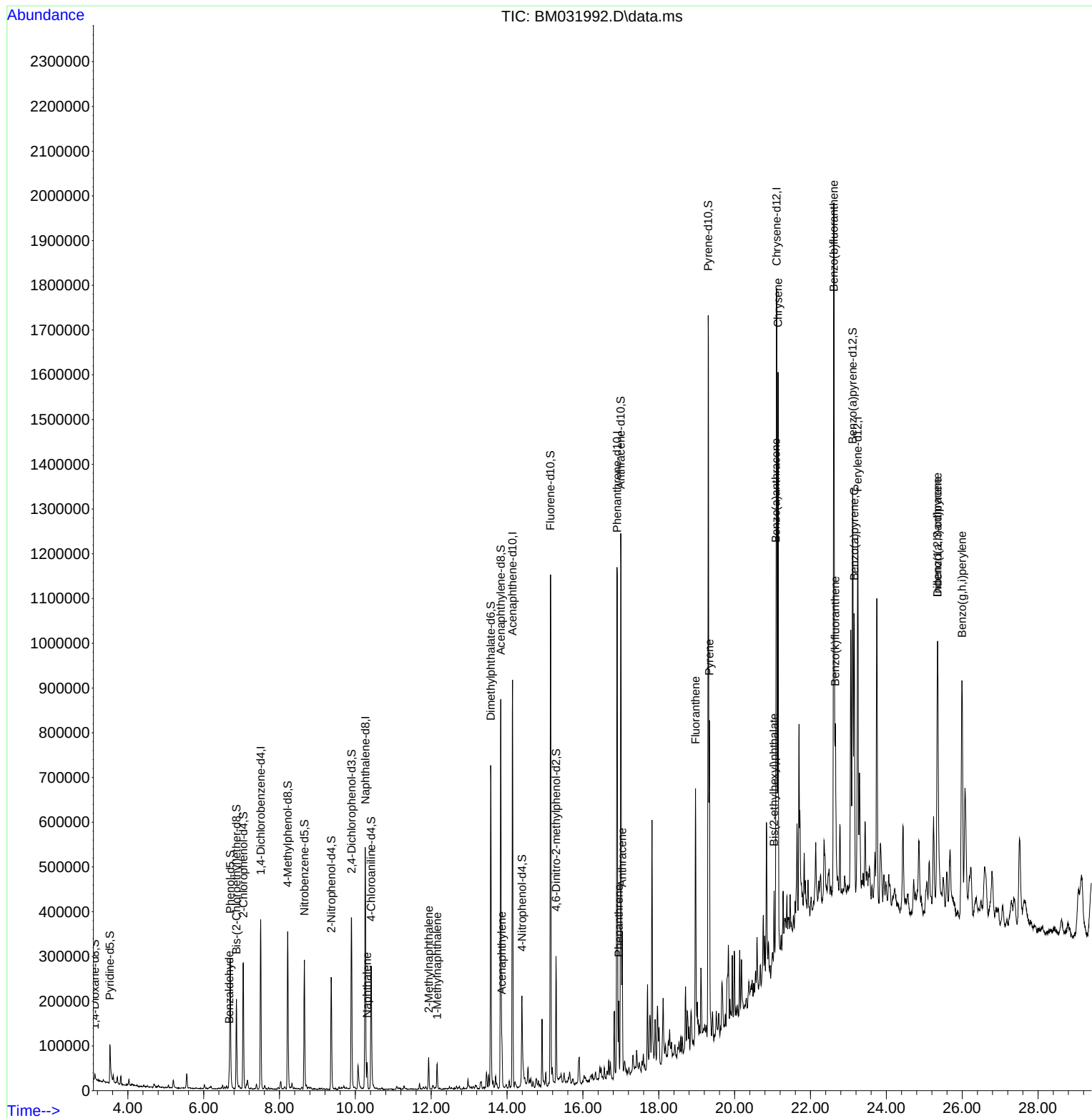
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Data File : BM031992.D
Acq On : 31 Aug 2021 19:39
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ALS Vial : 7 Sample Multiplier: 1

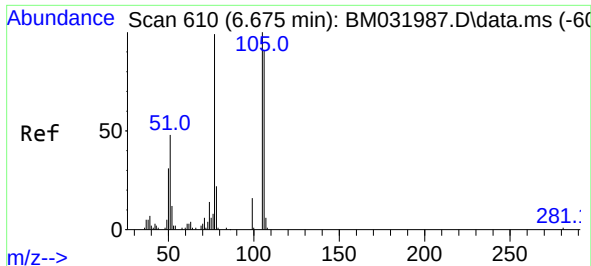
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Sep 01 01:03:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
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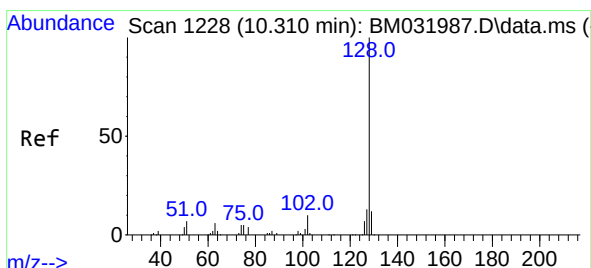
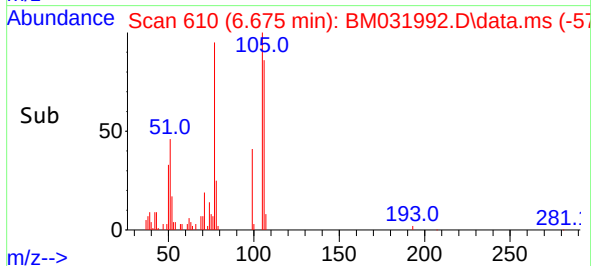
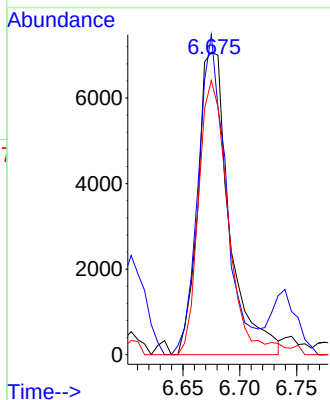
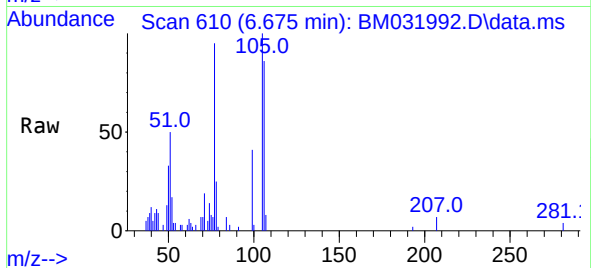
#6
Benzaldehyde
Concen: 3.639 ng/ul
RT: 6.675 min Scan# 610
Delta R.T. -0.006 min
Lab File: BM031992.D
Acq: 31 Aug 2021 19:39

Tgt Ion:	77	Resp:	13606
Ion	Ratio	Lower	Upper
77	100		
105	105.7	82.2	123.4
106	90.6	75.0	112.4

Instrument :
BNA_M
ClientSampleId :
C0AZ4

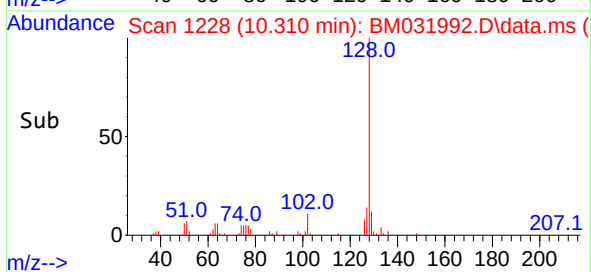
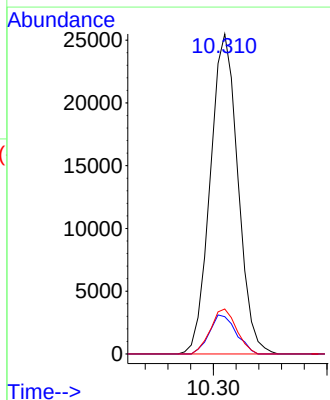
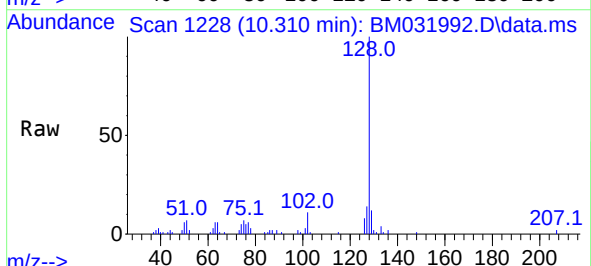
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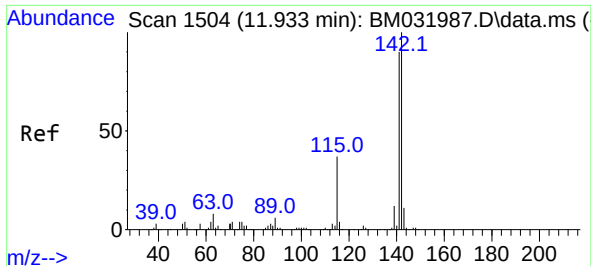
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#30
Naphthalene
Concen: 1.988 ng/ul
RT: 10.310 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BM031992.D
Acq: 31 Aug 2021 19:39

Tgt Ion:	128	Resp:	43162
Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.4
127	14.0	10.6	15.8





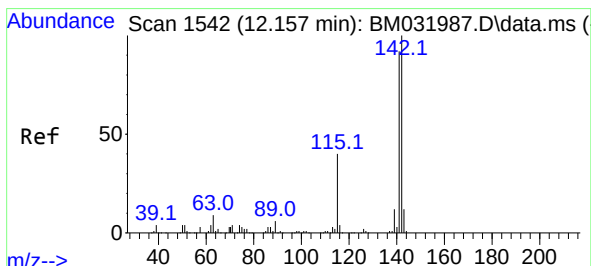
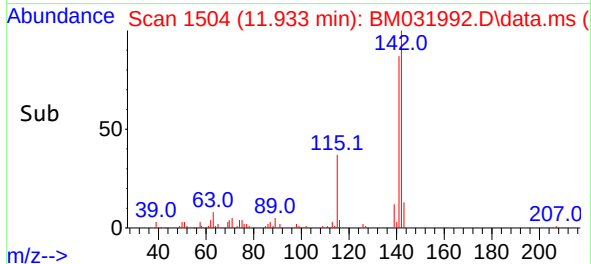
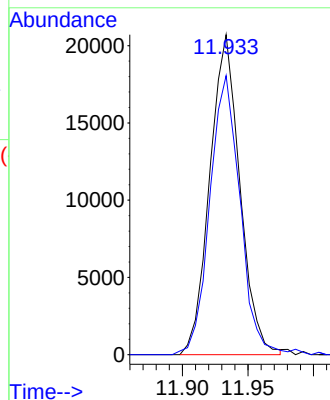
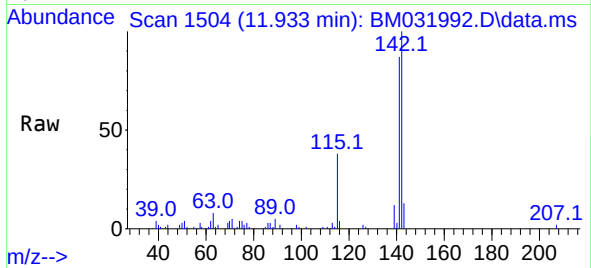
#36
2-Methylnaphthalene
Concen: 1.932 ng/ul
RT: 11.933 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BM031992.D
Acq: 31 Aug 2021 19:39

Tgt Ion:142 Resp: 33072
Ion Ratio Lower Upper
142 100
141 87.2 70.6 105.8

Instrument :
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ClientSampled :
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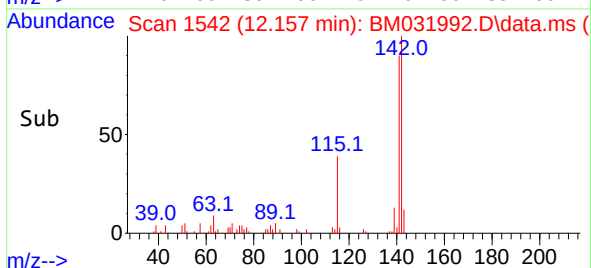
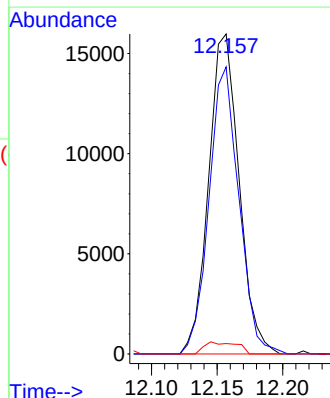
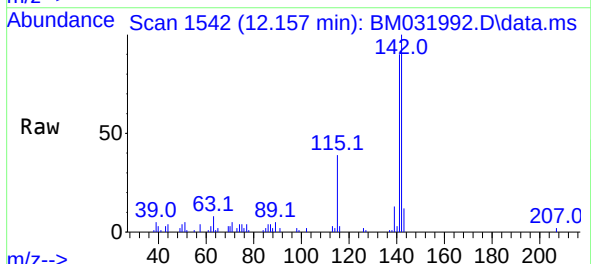
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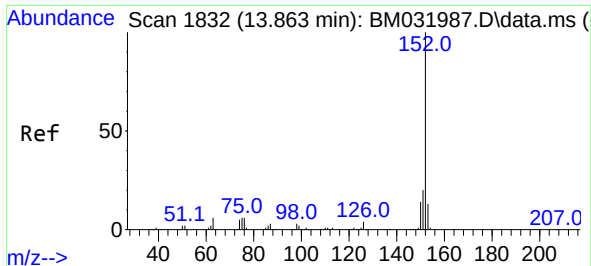
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#37
1-Methylnaphthalene
Concen: 1.480 ng/ul
RT: 12.157 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BM031992.D
Acq: 31 Aug 2021 19:39

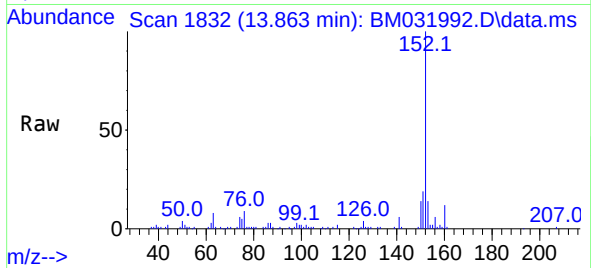
Tgt Ion:142 Resp: 25808
Ion Ratio Lower Upper
142 100
141 89.7 72.8 109.2
116 3.3 3.1 4.7





#50
Acenaphthylene
Concen: 2.456 ng/u1
RT: 13.863 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BM031992.D
Acq: 31 Aug 2021 19:39

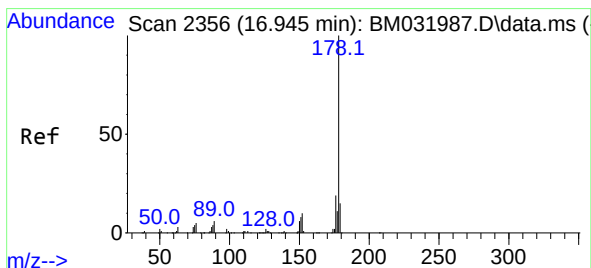
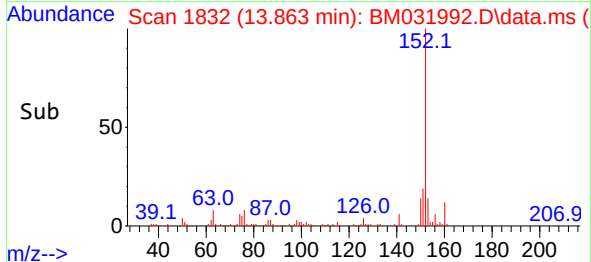
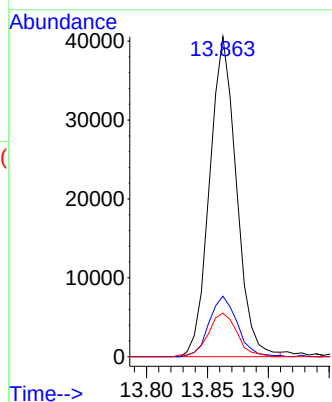
Instrument :
BNA_M
ClientSampled :
C0AZ4



Tgt Ion:	152	Resp:	62172
Ion Ratio	Lower	Upper	
152	100		
151	18.9	16.2	24.2
153	13.6	10.2	15.4

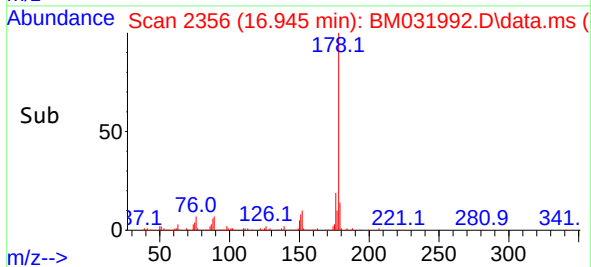
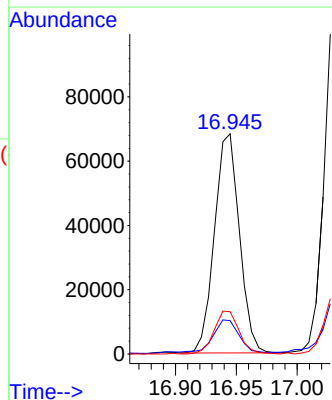
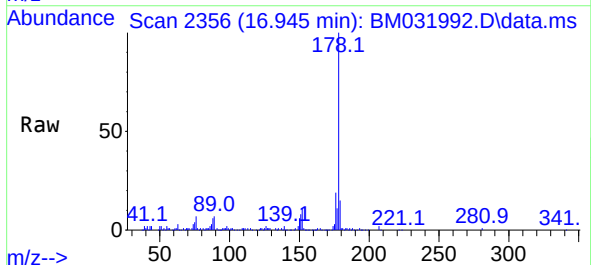
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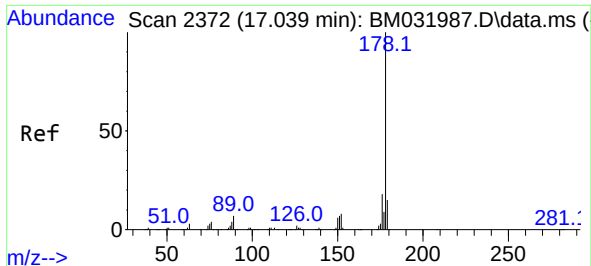
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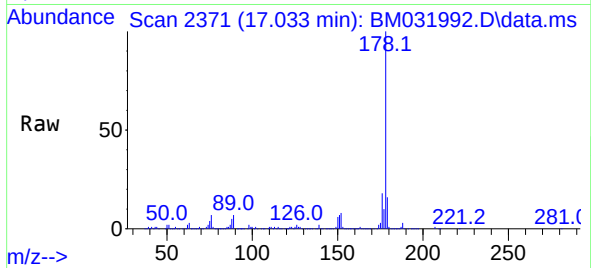
#72
Phenanthrene
Concen: 2.709 ng/u1
RT: 16.945 min Scan# 2356
Delta R.T. -0.006 min
Lab File: BM031992.D
Acq: 31 Aug 2021 19:39

Tgt Ion:	178	Resp:	97037
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.1	18.1
176	19.2	15.2	22.8

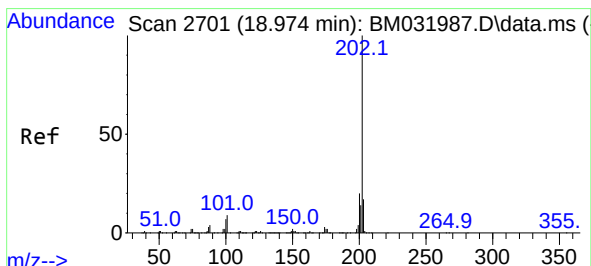
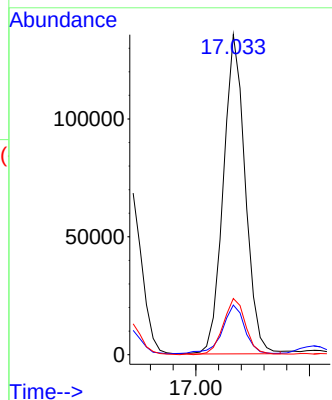
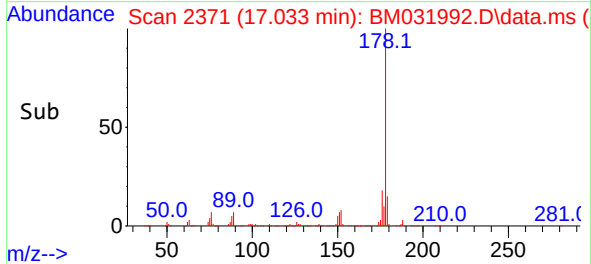




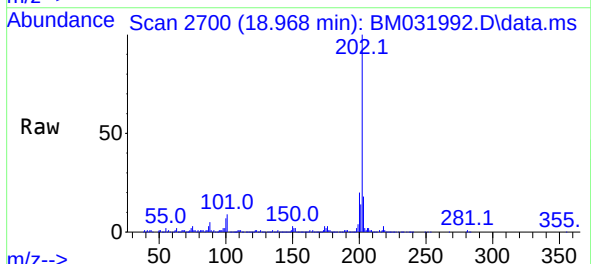
#74
 Anthracene
 Concen: 4.944 ng/ul
 RT: 17.033 min Scan# 2371
 Delta R.T. -0.006 min
 Lab File: BM031992.D
 Acq: 31 Aug 2021 19:39



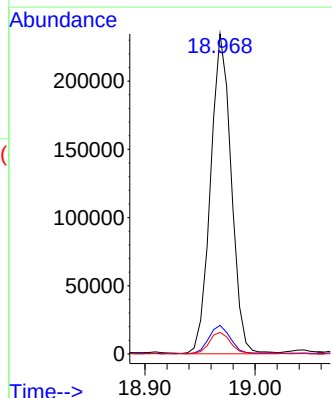
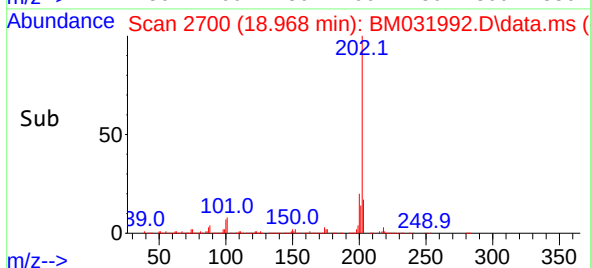
Tgt Ion:178 Resp: 181275
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.1 18.1
 176 17.5 15.2 22.8



#80
 Fluoranthene
 Concen: 8.713 ng/ul m
 RT: 18.968 min Scan# 2700
 Delta R.T. -0.006 min
 Lab File: BM031992.D
 Acq: 31 Aug 2021 19:39



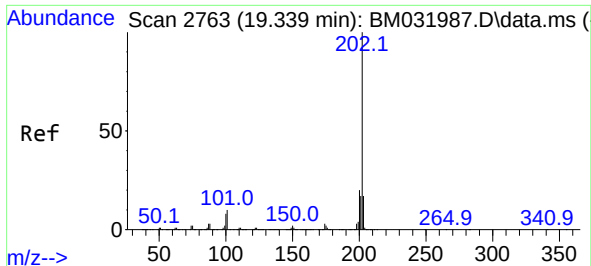
Tgt Ion:202 Resp: 306546
 Ion Ratio Lower Upper
 202 100
 101 9.0 8.8 13.2
 100 6.8 6.8 10.2#



Instrument :
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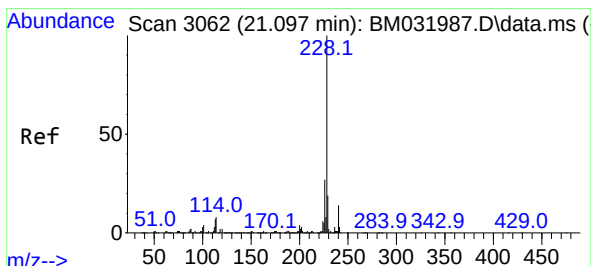
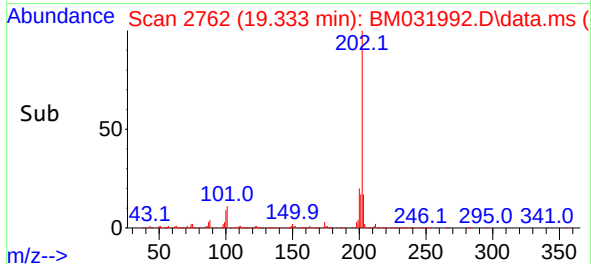
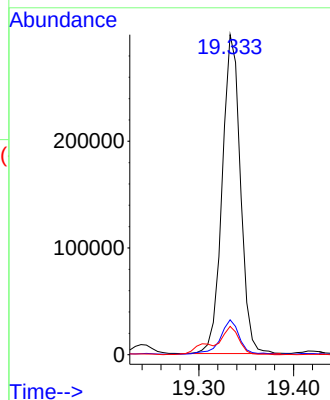
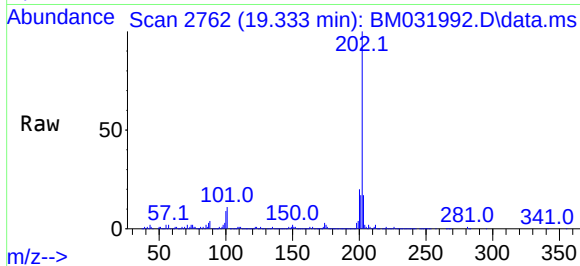
#82
Pyrene
Concen: 10.757 ng/ul
RT: 19.333 min Scan# 2762
Delta R.T. -0.006 min
Lab File: BM031992.D
Acq: 31 Aug 2021 19:39

Tgt Ion:202 Resp: 400682
Ion Ratio Lower Upper
202 100
101 10.9 10.0 15.0
100 8.9 8.5 12.7

Instrument :
BNA_M
ClientSampled :
C0AZ4

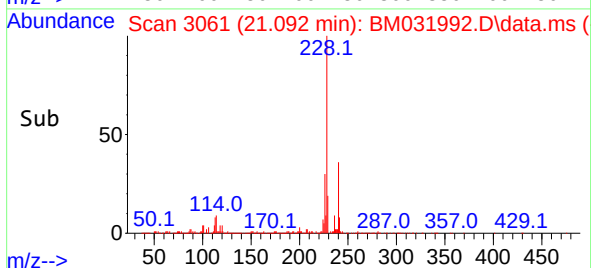
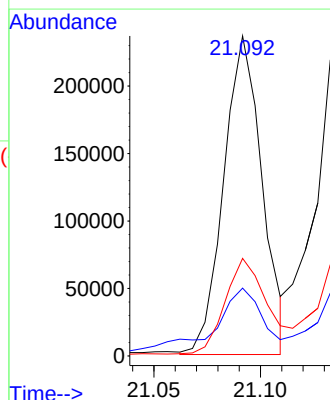
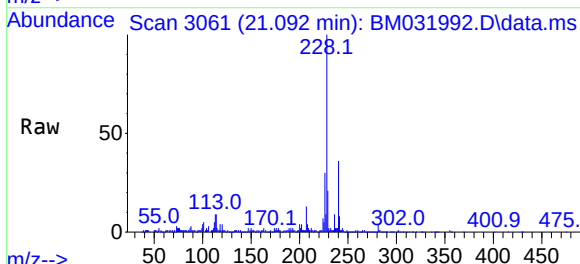
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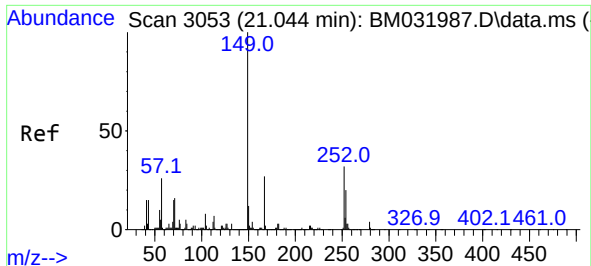
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#85
Benzo(a)anthracene
Concen: 7.720 ng/ul
RT: 21.092 min Scan# 3061
Delta R.T. -0.006 min
Lab File: BM031992.D
Acq: 31 Aug 2021 19:39

Tgt Ion:228 Resp: 296827
Ion Ratio Lower Upper
228 100
229 21.2 16.0 24.0
226 30.5 22.2 33.2





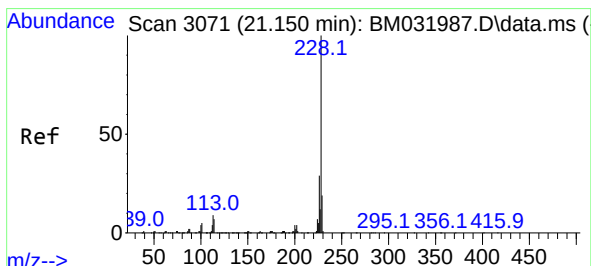
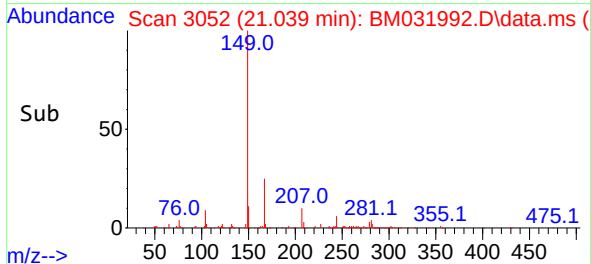
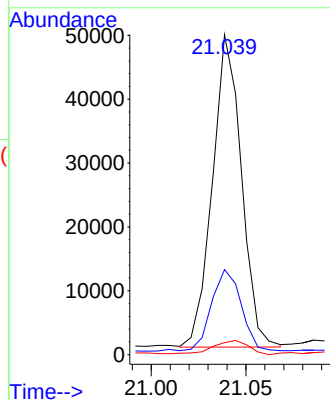
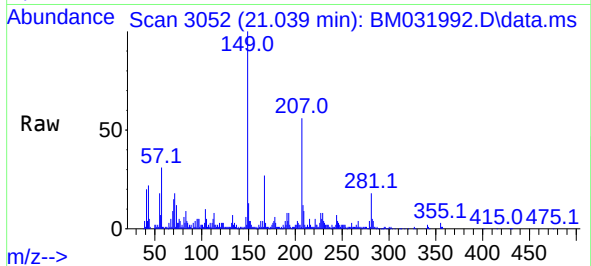
#86
Bis(2-ethylhexyl)phthalate
Concen: 2.204 ng/ul
RT: 21.039 min Scan# 3052
Delta R.T. -0.006 min
Lab File: BM031992.D
Acq: 31 Aug 2021 19:39

Tgt Ion:	149	Resp:	51994
Ion Ratio	100	Lower	Upper
149	100		
167	26.6	20.7	31.1
279	3.7	3.0	4.4

Instrument :
BNA_M
ClientSampleId :
C0AZ4

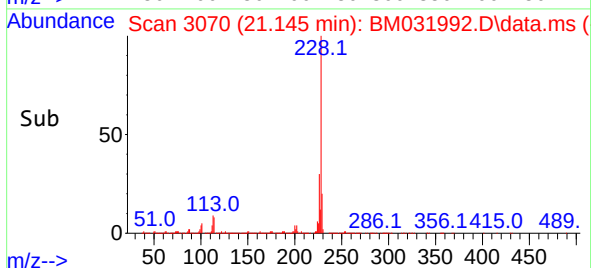
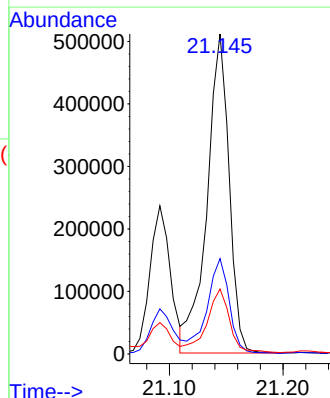
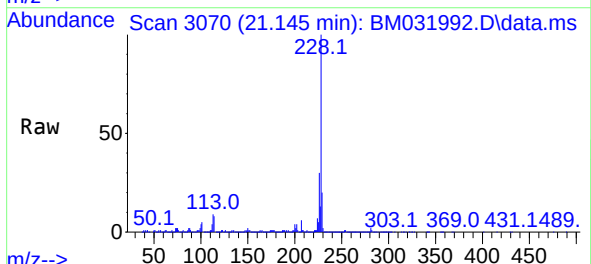
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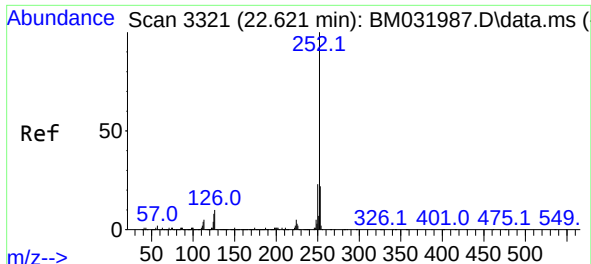
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#87
Chrysene
Concen: 18.621 ng/ul
RT: 21.145 min Scan# 3070
Delta R.T. -0.000 min
Lab File: BM031992.D
Acq: 31 Aug 2021 19:39

Tgt Ion:	228	Resp:	688684
Ion Ratio	100	Lower	Upper
228	100		
226	29.8	23.6	35.4
229	20.3	15.9	23.9





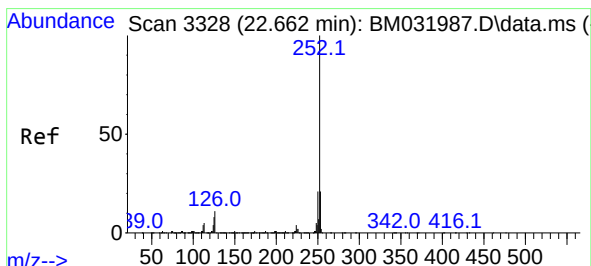
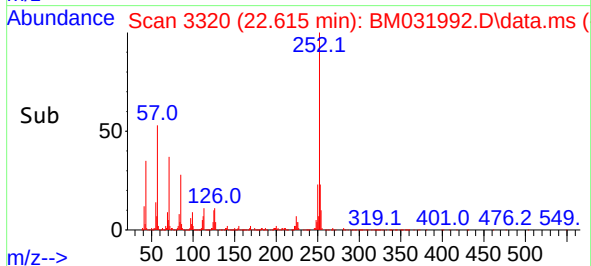
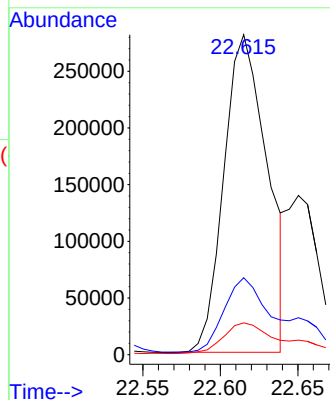
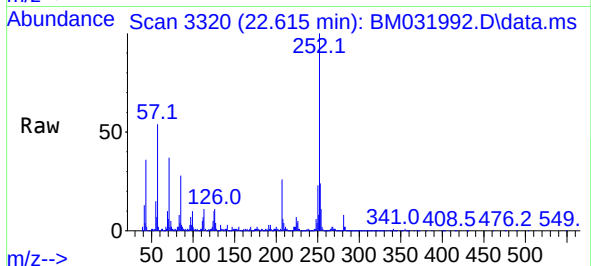
#90
Benzo(b)fluoranthene
Concen: 16.153 ng/ul
RT: 22.615 min Scan# 3320
Delta R.T. -0.000 min
Lab File: BM031992.D
Acq: 31 Aug 2021 19:39

Tgt Ion:252 Resp: 544544
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.6
125 9.9 7.7 11.5

Instrument :
BNA_M
ClientSampleId :
C0AZ4

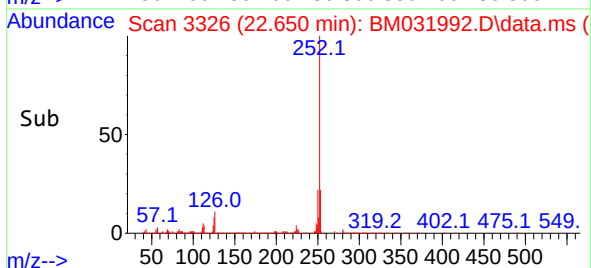
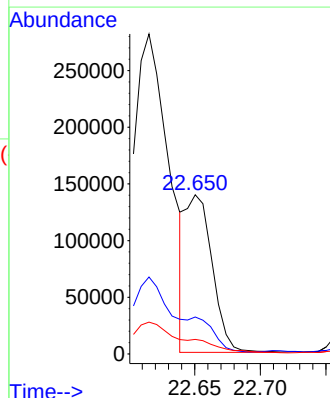
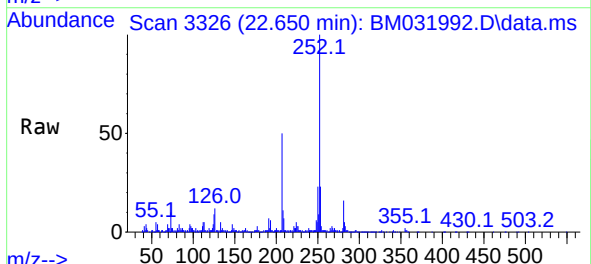
Manual Integrations
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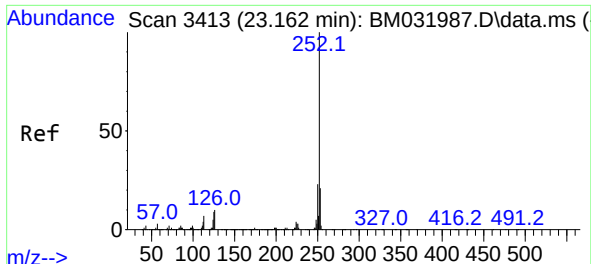
mohammad
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#91
Benzo(k)fluoranthene
Concen: 6.001 ng/ul m
RT: 22.650 min Scan# 3326
Delta R.T. -0.006 min
Lab File: BM031992.D
Acq: 31 Aug 2021 19:39

Tgt Ion:252 Resp: 195844
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 9.1 7.9 11.9





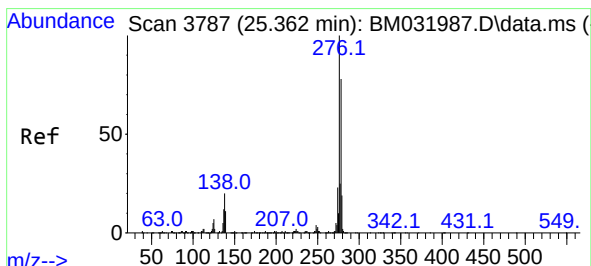
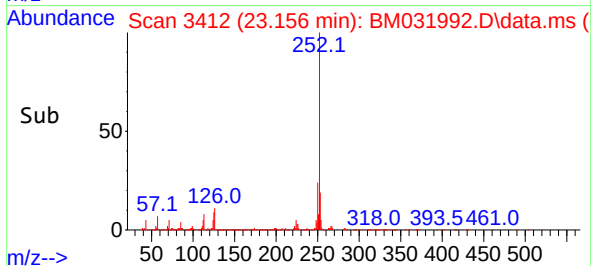
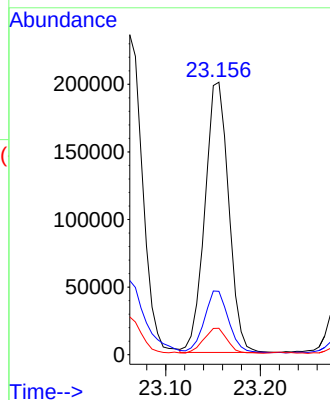
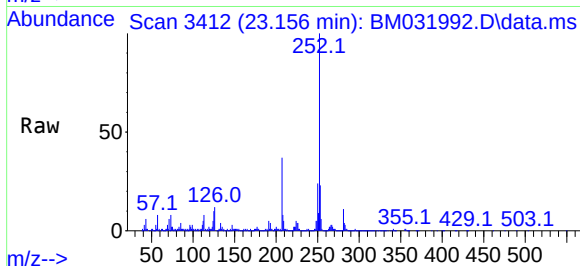
#93
Benzo(a)pyrene
Concen: 11.462 ng/ul
RT: 23.156 min Scan# 3412
Delta R.T. -0.000 min
Lab File: BM031992.D
Acq: 31 Aug 2021 19:39

Tgt Ion:	252	Resp:	348915
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.5	26.3
125	9.7	8.6	13.0

Instrument :
BNA_M
ClientSampled :
C0AZ4

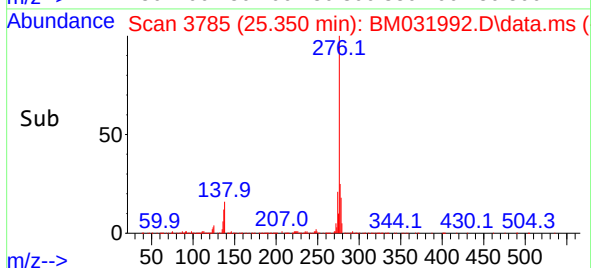
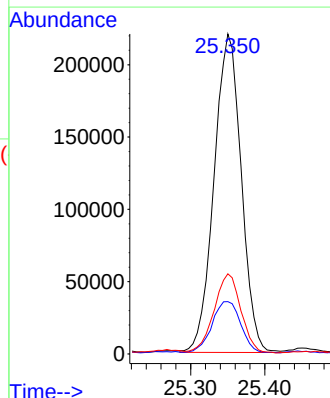
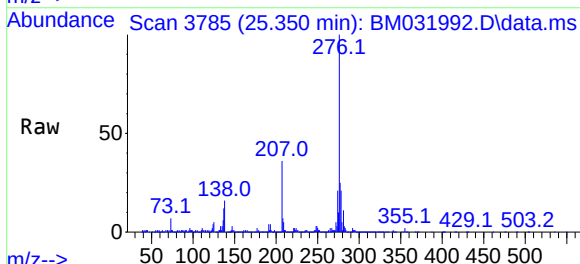
Manual Integrations
APPROVED

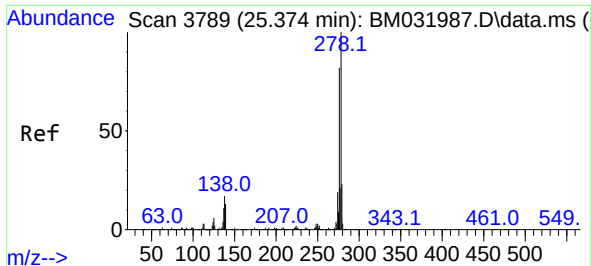
mohammad
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#94
Indeno(1,2,3-cd)pyrene
Concen: 14.410 ng/ul
RT: 25.350 min Scan# 3785
Delta R.T. -0.006 min
Lab File: BM031992.D
Acq: 31 Aug 2021 19:39

Tgt Ion:	276	Resp:	561440
Ion Ratio	Lower	Upper	
276	100		
138	16.3	19.5	29.3#
277	25.1	19.6	29.4





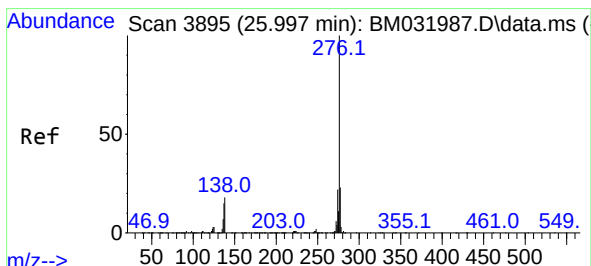
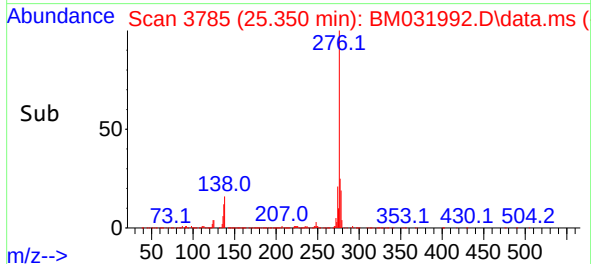
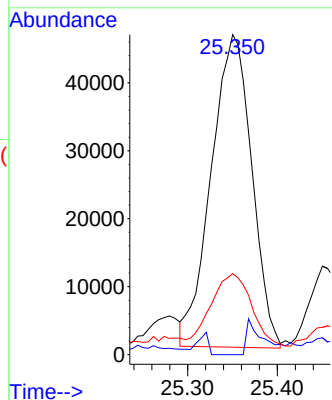
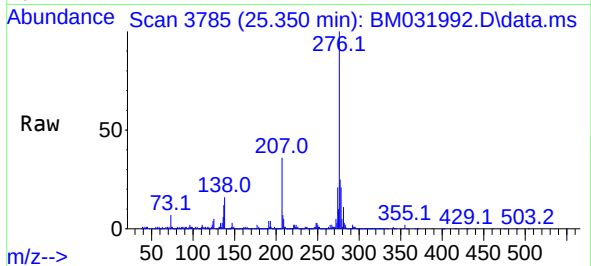
#95
Dibenzo(a,h)anthracene
Concen: 4.410 ng/ul
RT: 25.350 min Scan# 3785
Delta R.T. -0.012 min
Lab File: BM031992.D
Acq: 31 Aug 2021 19:39

Tgt Ion:278 Resp: 144510
Ion Ratio Lower Upper
278 100
139 0.0 12.8 19.2#
279 25.3 19.1 28.7

Instrument :
BNA_M
ClientSampled :
C0AZ4

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 18.978 ng/ul
RT: 25.997 min Scan# 3895
Delta R.T. -0.000 min
Lab File: BM031992.D
Acq: 31 Aug 2021 19:39

Tgt Ion:276 Resp: 612255
Ion Ratio Lower Upper
276 100
138 17.6 16.5 24.7
277 24.6 18.5 27.7

