

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
 Data File : BM031951.D
 Acq On : 30 Aug 2021 15:23
 Operator : CG/JU
 Sample : M3365-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBK85

Manual Integrations
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Quant Time: Aug 30 16:16:15 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	7.510	152	88496	20.000	ng/ul	0.00
20) Naphthalene-d8	10.263	136	389490	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.151	164	287033	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	630715	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.109	240	677639	20.000	ng/ul	# 0.00
88) Perylene-d12	23.250	264	648356	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	5865	3.058	ng/uL	0.00
4) Pyridine-d5	3.534	84	45559	8.365	ng/ul	0.01
7) Phenol-d5	6.704	99	112123	15.279	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	66030	15.551	ng/ul	0.00
11) 2-Chlorophenol-d4	7.051	132	93692	16.591	ng/ul	0.00
15) 4-Methylphenol-d8	8.222	113	89865	14.273	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	48004	16.969	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	54722	16.345	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.904	165	103238	15.369	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	124175	13.105	ng/ul	0.00
46) Dimethylphthalate-d6	13.574	166	370570	17.062	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	433694	16.861	ng/ul	0.00
54) 4-Nitrophenol-d4	14.392	143	45060	11.462	ng/ul	0.00
60) Fluorene-d10	15.151	176	331077	17.341	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	44965	10.375	ng/ul	0.00
73) Anthracene-d10	17.004	188	477820	15.961	ng/ul	0.00
81) Pyrene-d10	19.309	212	651118	20.514	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.121	264	629472	18.473	ng/ul	0.00
Target Compounds					Qvalue	
52) Acenaphthene	14.210	153	101729	5.918	ng/ul	97
61) Fluorene	15.210	166	45049	2.100	ng/ul	97
72) Phenanthrene	16.945	178	133646	3.880	ng/ul	98
80) Fluoranthene	18.974	202	266767	6.917	ng/ul#	94
82) Pyrene	19.339	202	241303	5.909	ng/ul#	94
85) Benzo(a)anthracene	21.098	228	102314	2.427	ng/ul	98
87) Chrysene	21.145	228	115291	2.844	ng/ul	98
90) Benzo(b)fluoranthene	22.621	252	161992	3.922	ng/ul	99
91) Benzo(k)fluoranthene	22.656	252	44263m	1.107	ng/ul	
93) Benzo(a)pyrene	23.156	252	101143	2.711	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	25.356	276	70488	1.476	ng/ul#	91
96) Benzo(g,h,i)perylene	25.997	276	67245	1.701	ng/ul#	90

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

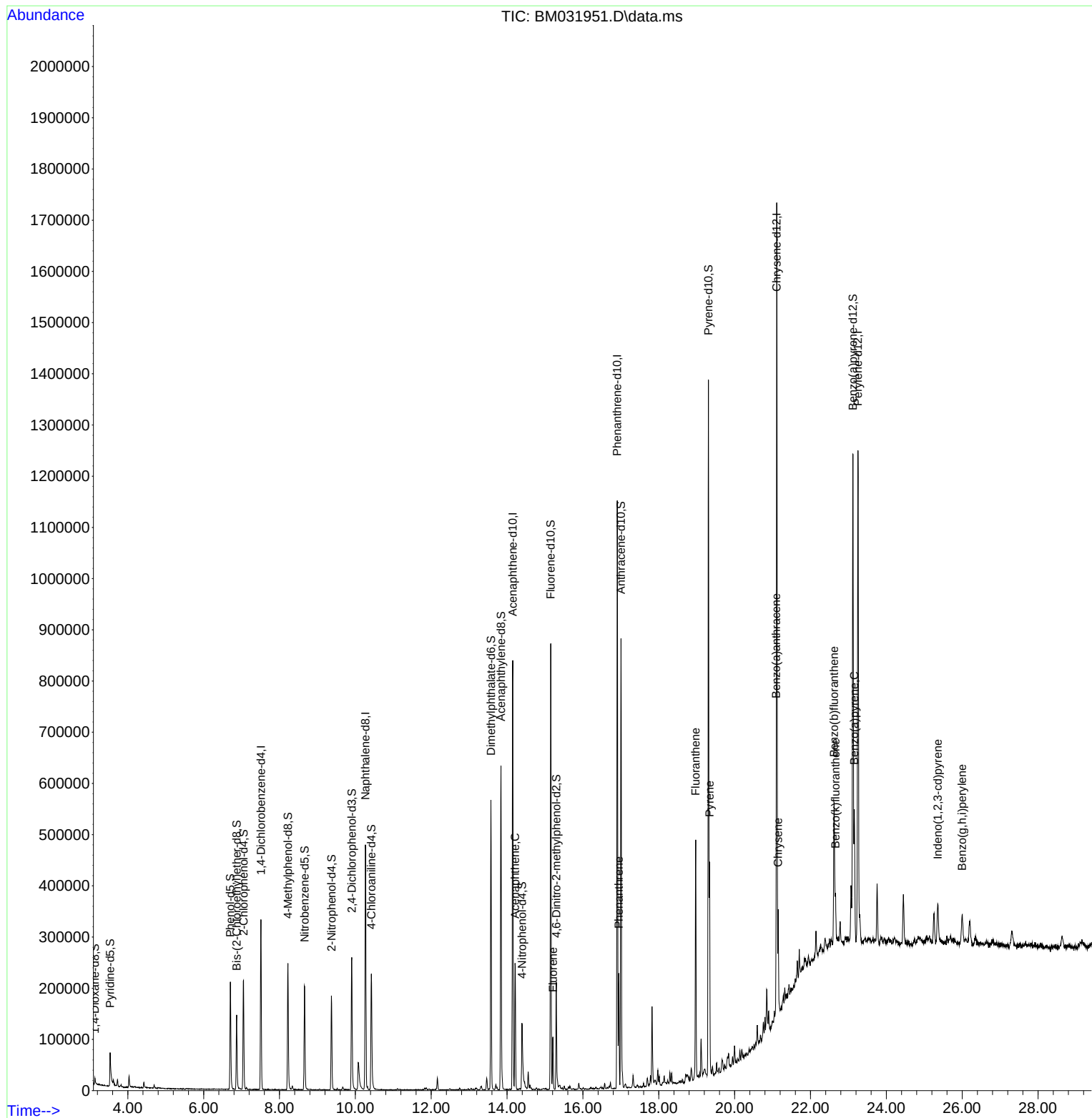
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Data File : BM031951.D
Acq On : 30 Aug 2021 15:23
Operator : CG/JU
Sample : M3365-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

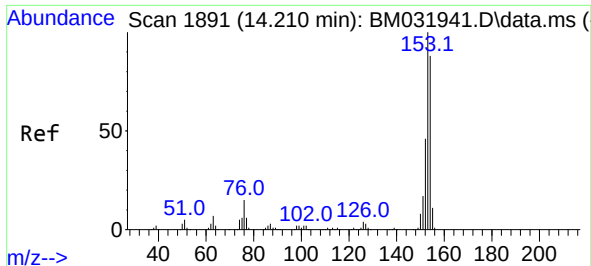
Instrument :
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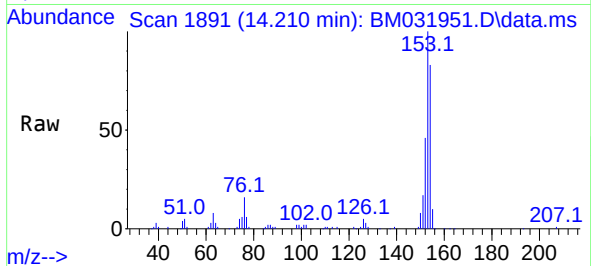
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration





#52
Acenaphthene
Concen: 5.918 ng/ul
RT: 14.210 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BM031951.D
Acq: 30 Aug 2021 15:23

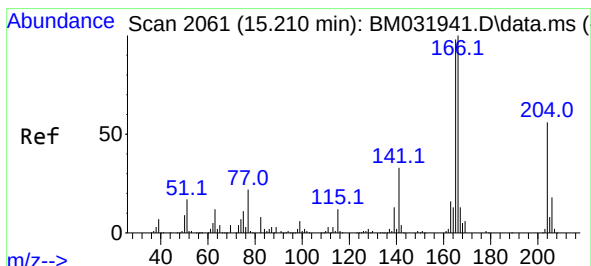
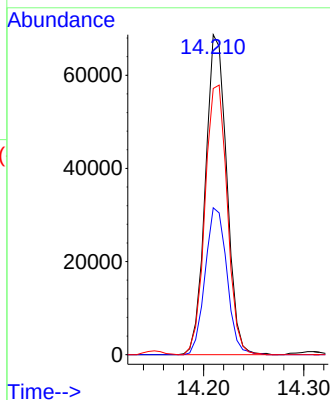
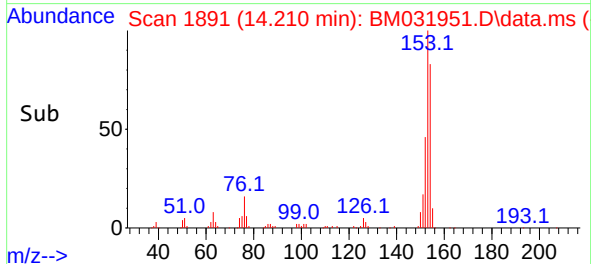
Instrument :
BNA_M
ClientSampleId :
DBK85



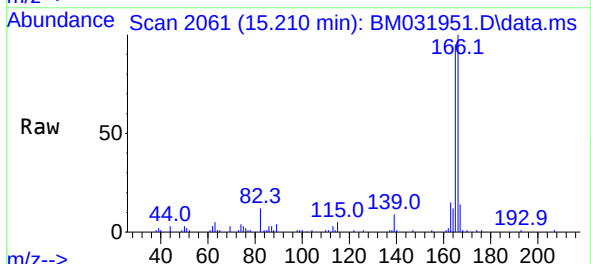
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Ion Ratio Lower Upper
153 100
152 45.9 37.4 56.2
154 83.2 69.4 104.0

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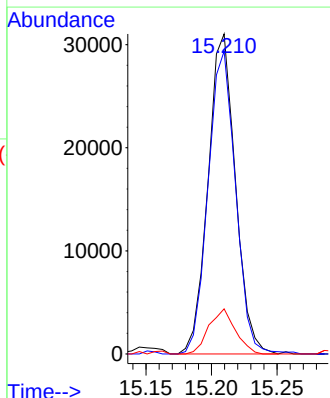
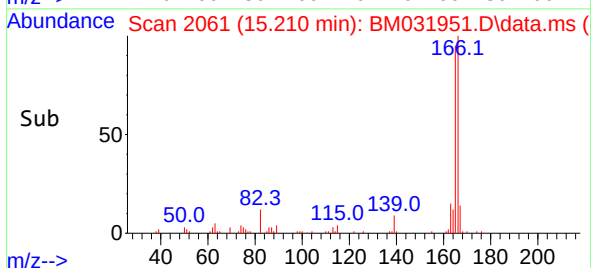
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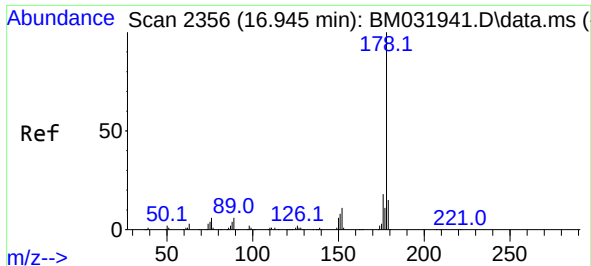


#61
Fluorene
Concen: 2.100 ng/ul
RT: 15.210 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM031951.D
Acq: 30 Aug 2021 15:23



Tgt Ion:166 Resp: 45049
Ion Ratio Lower Upper
166 100
165 94.7 78.4 117.6
167 14.1 10.6 15.8





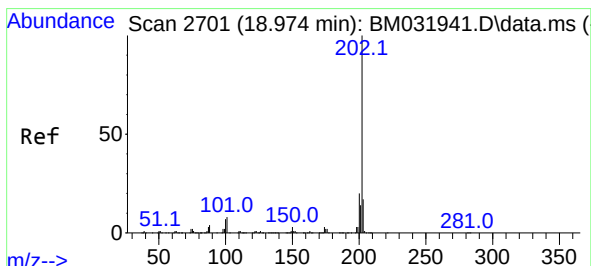
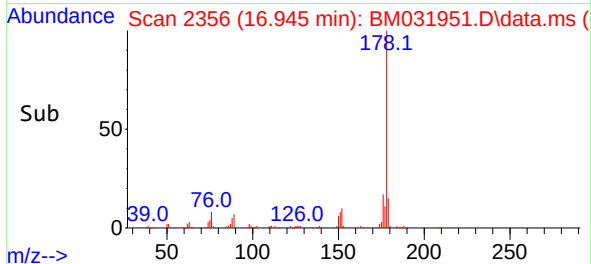
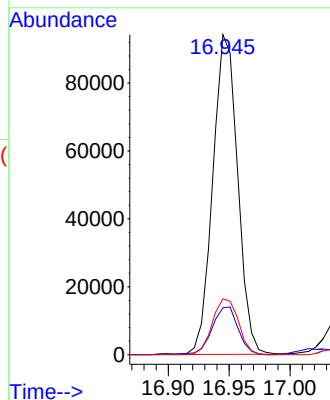
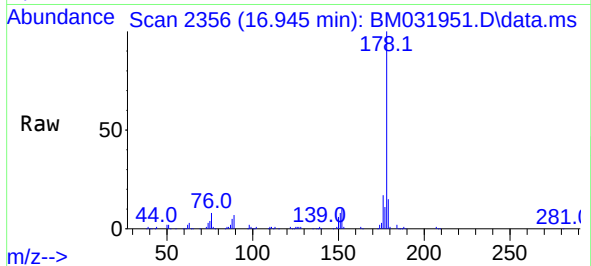
#72
Phenanthrene
Concen: 3.880 ng/ul
RT: 16.945 min Scan# 2356
Delta R.T. -0.006 min
Lab File: BM031951.D
Acq: 30 Aug 2021 15:23

Tgt Ion:178 Resp: 133646
Ion Ratio Lower Upper
178 100
179 14.7 12.1 18.1
176 17.5 15.2 22.8

Instrument :
BNA_M
ClientSampleId :
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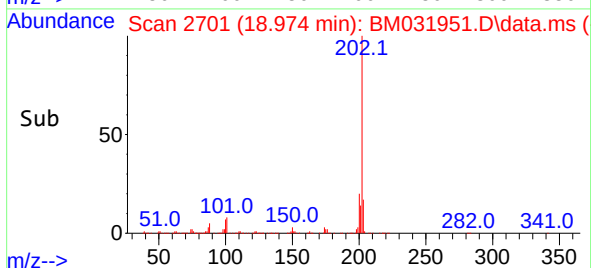
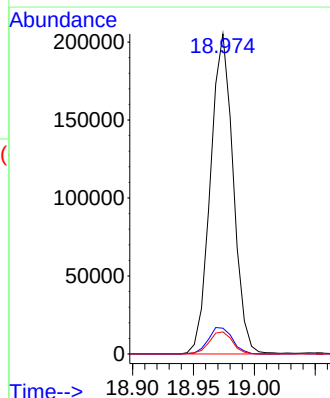
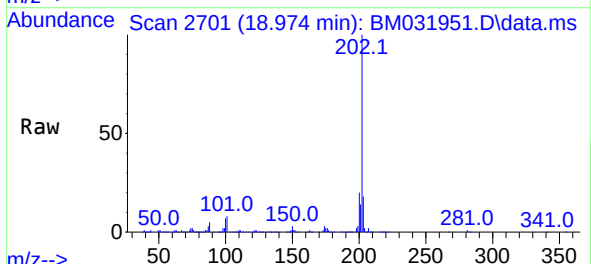
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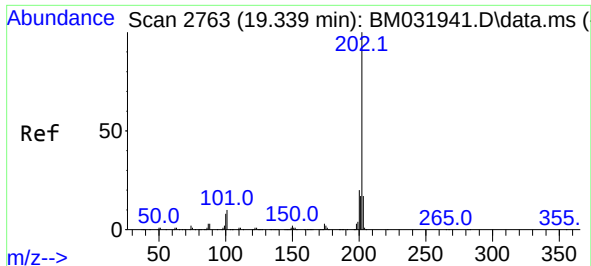
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#80
Fluoranthene
Concen: 6.917 ng/ul
RT: 18.974 min Scan# 2701
Delta R.T. 0.000 min
Lab File: BM031951.D
Acq: 30 Aug 2021 15:23

Tgt Ion:202 Resp: 266767
Ion Ratio Lower Upper
202 100
101 8.0 8.8 13.2#
100 6.9 6.8 10.2





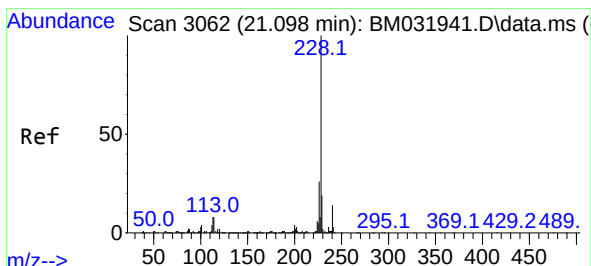
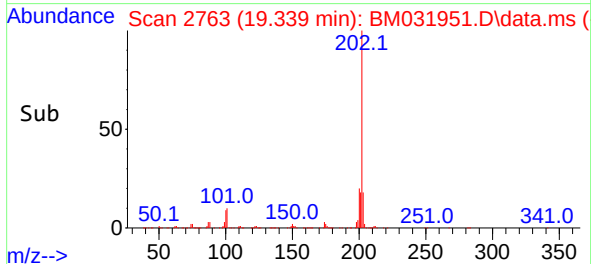
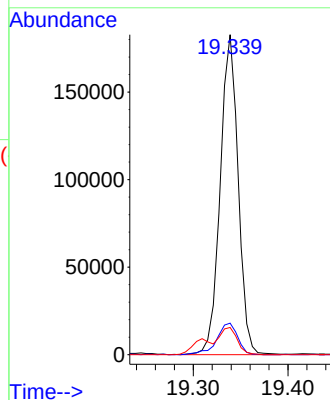
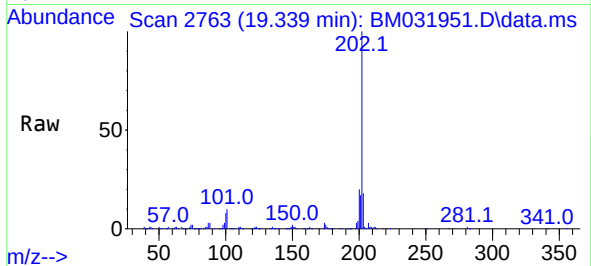
#82
Pyrene
Concen: 5.909 ng/u1
RT: 19.339 min Scan# 2763
Delta R.T. 0.000 min
Lab File: BM031951.D
Acq: 30 Aug 2021 15:23

Tgt Ion:202 Resp: 241303
Ion Ratio Lower Upper
202 100
101 9.8 10.0 15.0#
100 8.5 8.5 12.7

Instrument :
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ClientSampleId :
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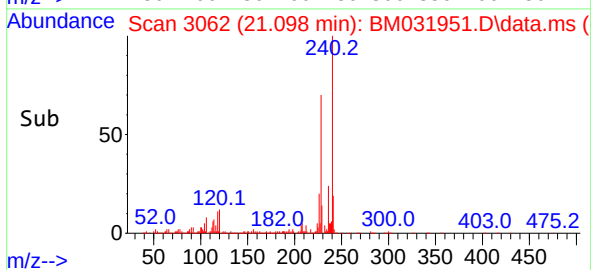
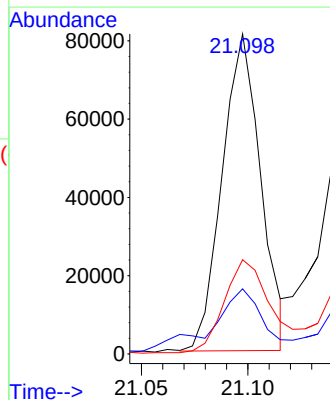
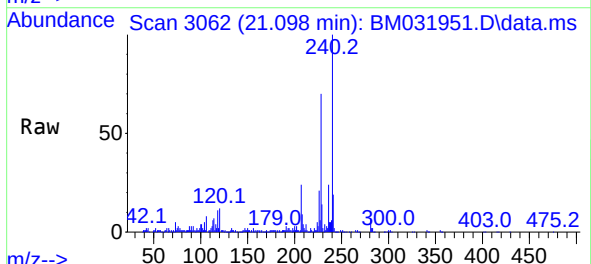
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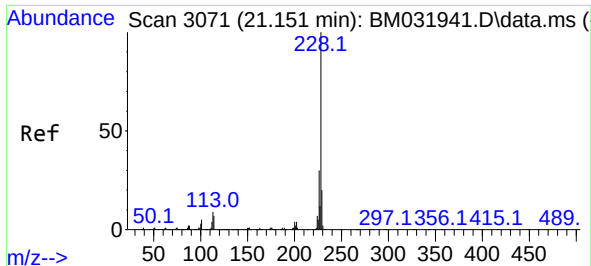
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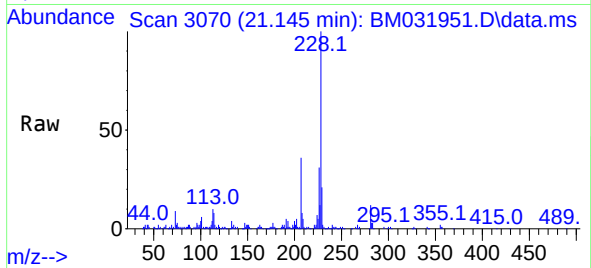
#85
Benzo(a)anthracene
Concen: 2.427 ng/u1
RT: 21.098 min Scan# 3062
Delta R.T. 0.000 min
Lab File: BM031951.D
Acq: 30 Aug 2021 15:23

Tgt Ion:228 Resp: 102314
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 29.4 22.2 33.2

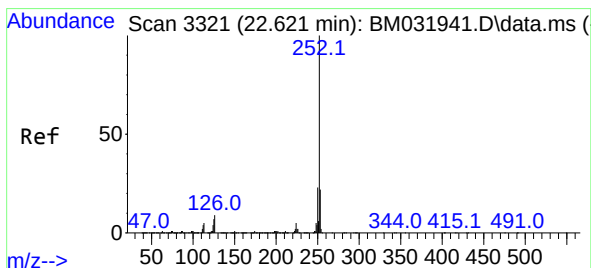
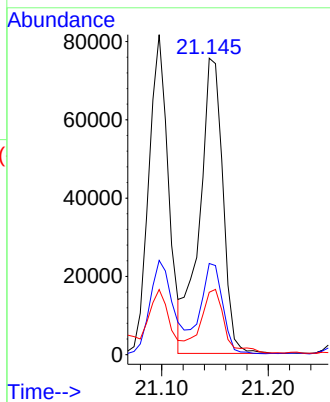
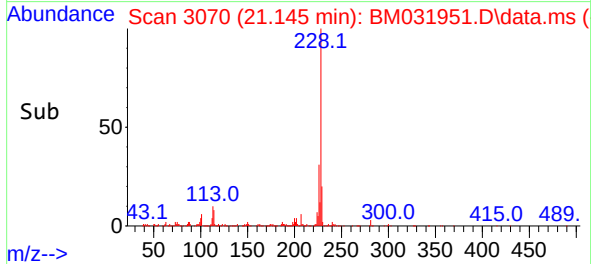




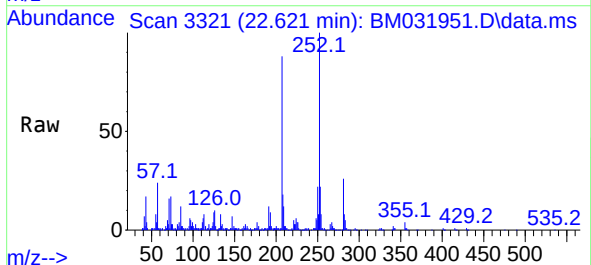
#87
Chrysene
Concen: 2.844 ng/u1
RT: 21.145 min Scan# 3070
Delta R.T. 0.000 min
Lab File: BM031951.D
Acq: 30 Aug 2021 15:23



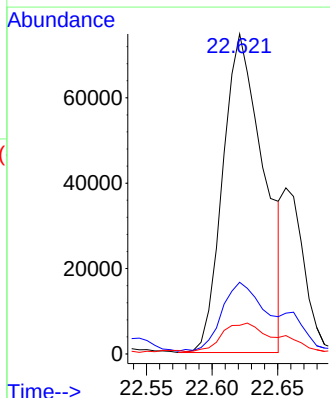
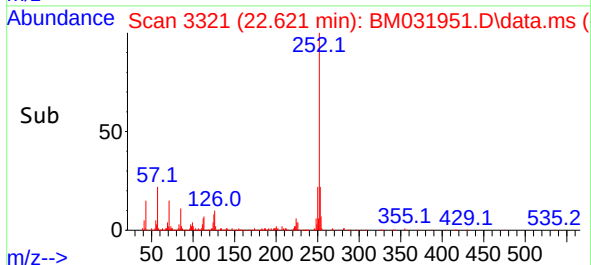
Tgt Ion:228 Resp: 115291
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 21.0 15.9 23.9



#90
Benzo(b)fluoranthene
Concen: 3.922 ng/u1
RT: 22.621 min Scan# 3321
Delta R.T. 0.006 min
Lab File: BM031951.D
Acq: 30 Aug 2021 15:23



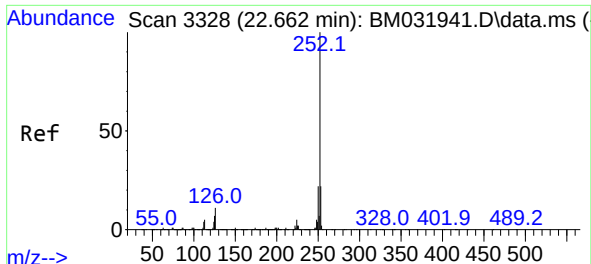
Tgt Ion:252 Resp: 161992
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 8.9 7.7 11.5



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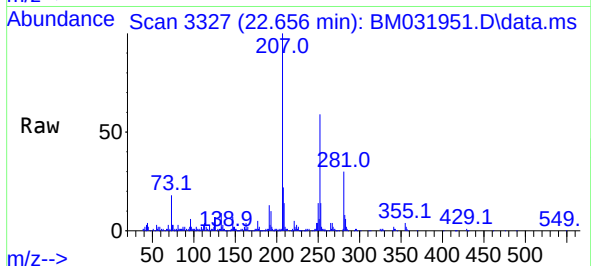
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#91
Benzo(k)fluoranthene
Concen: 1.107 ng/ul m
RT: 22.656 min Scan# 3327
Delta R.T. 0.000 min
Lab File: BM031951.D
Acq: 30 Aug 2021 15:23

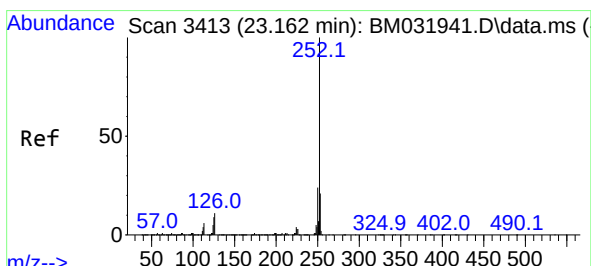
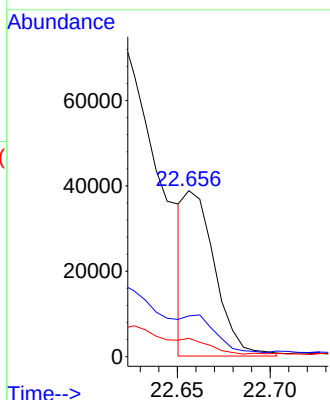
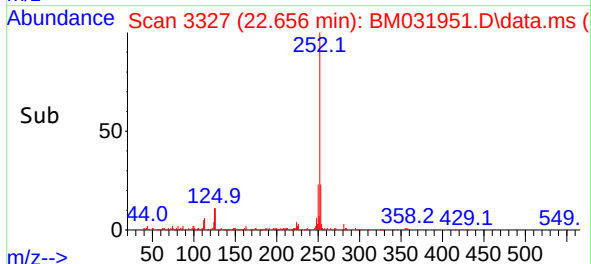
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BNA_M
ClientSampled :
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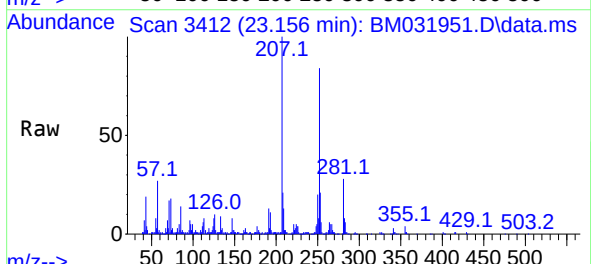
Tgt Ion:252 Resp: 44263
Ion Ratio Lower Upper
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253 24.6 17.4 26.2
125 11.1 7.9 11.9

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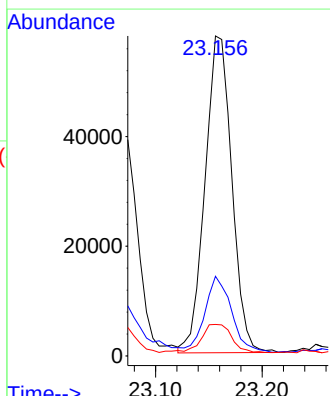
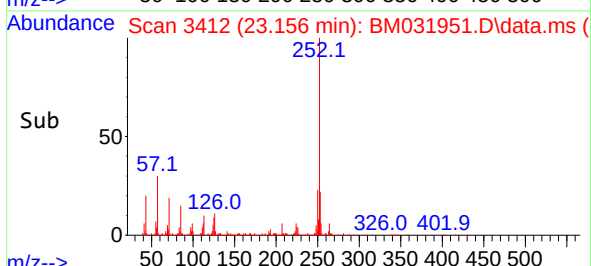
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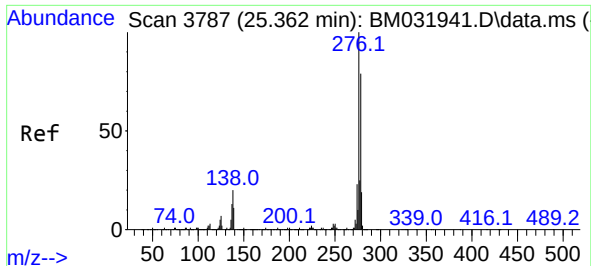


#93
Benzo(a)pyrene
Concen: 2.711 ng/ul
RT: 23.156 min Scan# 3412
Delta R.T. 0.000 min
Lab File: BM031951.D
Acq: 30 Aug 2021 15:23



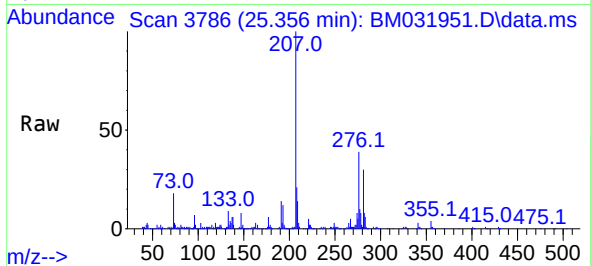
Tgt Ion:252 Resp: 101143
Ion Ratio Lower Upper
252 100
253 24.9 17.5 26.3
125 9.9 8.6 13.0





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.476 ng/ul
RT: 25.356 min Scan# 3786
Delta R.T. 0.000 min
Lab File: BM031951.D
Acq: 30 Aug 2021 15:23

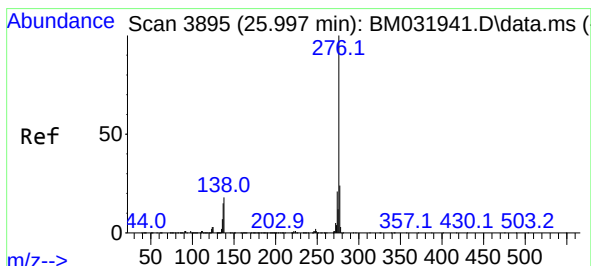
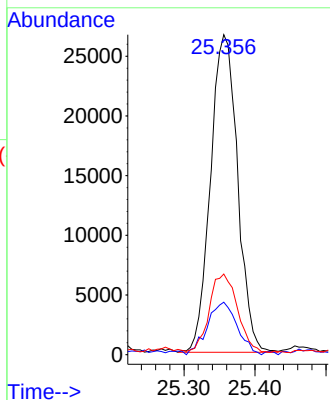
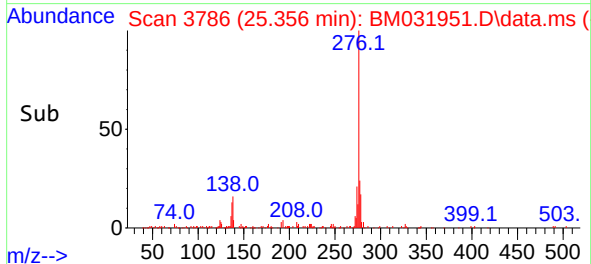
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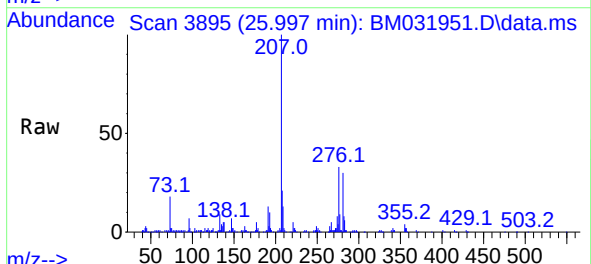
Tgt Ion:276 Resp: 70488
Ion Ratio Lower Upper
276 100
138 16.4 19.5 29.3#
277 25.2 19.6 29.4

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#96
Benzo(g,h,i)perylene
Concen: 1.701 ng/ul
RT: 25.997 min Scan# 3895
Delta R.T. 0.000 min
Lab File: BM031951.D
Acq: 30 Aug 2021 15:23



Tgt Ion:276 Resp: 67245
Ion Ratio Lower Upper
276 100
138 15.6 16.5 24.7#
277 27.4 18.5 27.7

