

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032601.D
 Acq On : 20 Oct 2021 02:00
 Operator : CG/JU
 Sample : M4181-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B20

Manual Integrations
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Quant Time: Oct 20 04:04:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 19 15:20:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	5908	0.40	ng/ul	0.00
4) Naphthalene-d8	10.344	136	17921	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	8003	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	13810	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.123	240	9107	0.40	ng/ul	0.00
23) Perylene-d12	23.259	264	8976	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.927	96	5064	0.76	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	1937	0.08	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	2929	0.10	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.393	128	7186	0.13	ng/ul	98
7) 2-Methylnaphthalene	12.012	142	5207	0.15	ng/ul	99
8) 1-Methylnaphthalene	12.237	142	3984	0.11	ng/ul	99
15) Phenanthrene	16.991	178	4288	0.09	ng/ul	97
19) Fluoranthene	19.004	202	4048	0.09	ng/ul	95
20) Pyrene	19.362	202	3425	0.07	ng/ul#	90
21) Benzo(a)anthracene	21.106	228	1731	0.05	ng/ul#	92
22) Chrysene	21.157	228	2530	0.06	ng/ul#	92
24) Benzo(b)fluoranthene	22.627	252	3136m	0.08	ng/ul	
25) Benzo(k)fluoranthene	22.658	252	1320m	0.03	ng/ul	
26) Benzo(a)pyrene	23.169	252	947	0.03	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.372	276	1134	0.03	ng/ul#	92

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

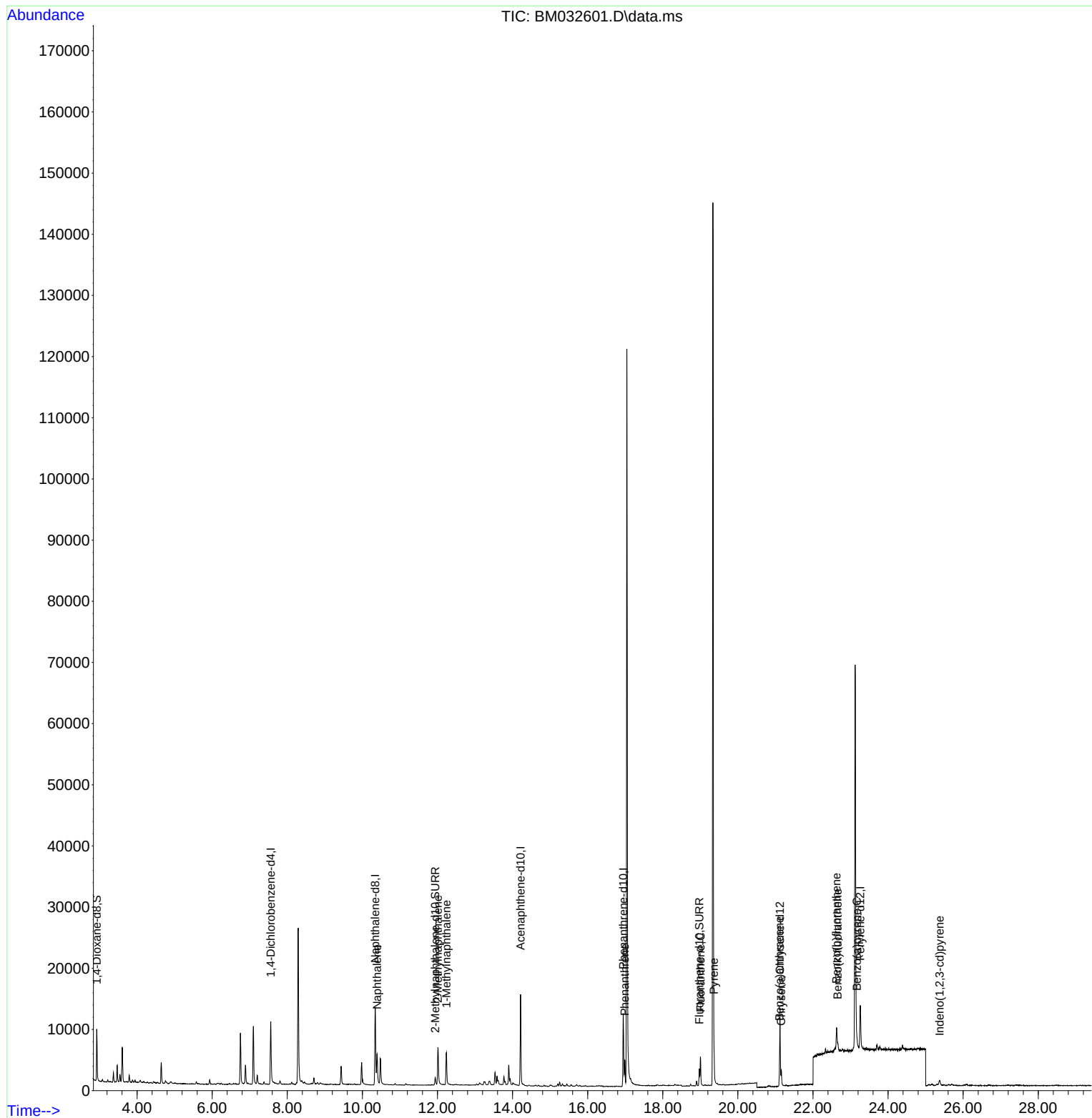
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Data File : BM032601.D
Acq On : 20 Oct 2021 02:00
Operator : CG/JU
Sample : M4181-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

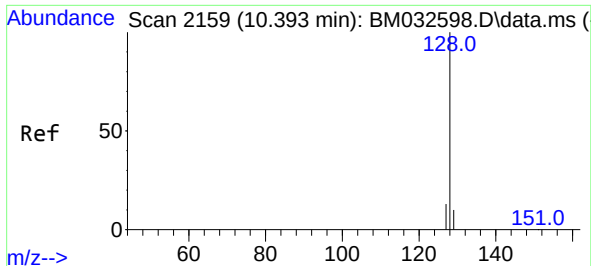
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 19 15:20:30 2021
Response via : Initial Calibration





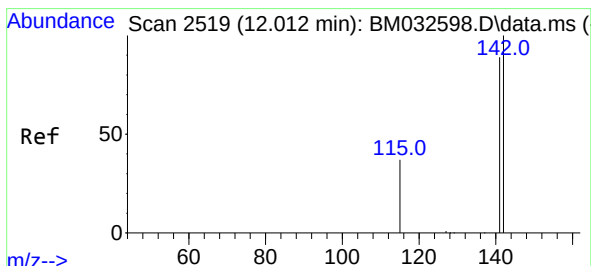
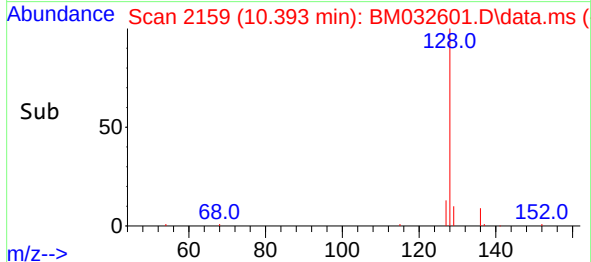
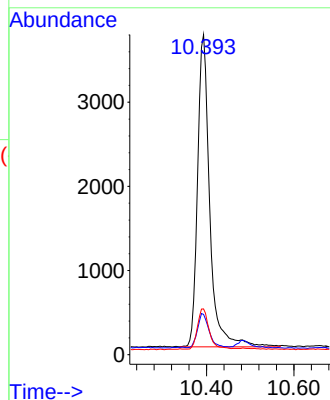
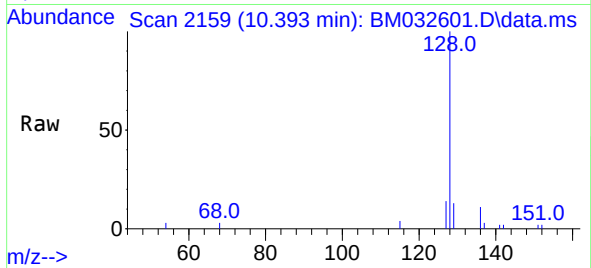
#5
Naphthalene
Concen: 0.13 ng/ul
RT: 10.393 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BM032601.D
Acq: 20 Oct 2021 02:00

Tgt Ion:	128	Resp:	7186
Ion Ratio	Lower	Upper	
128	100		
129	12.6	9.1	13.7
127	14.3	11.1	16.7

Instrument :
BNA_M
ClientSampled :
C0B20

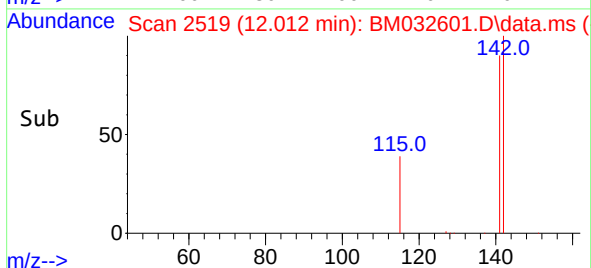
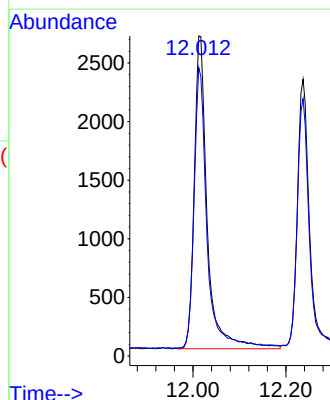
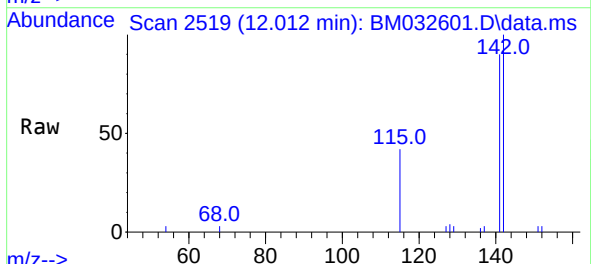
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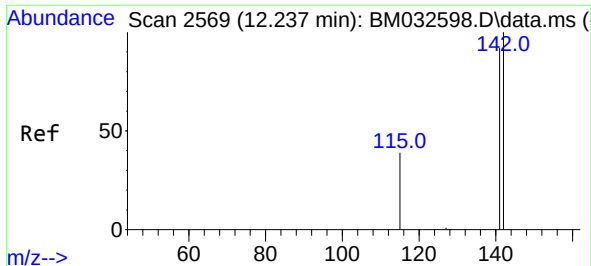
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#7
2-Methylnaphthalene
Concen: 0.15 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM032601.D
Acq: 20 Oct 2021 02:00

Tgt Ion:	142	Resp:	5207
Ion Ratio	Lower	Upper	
142	100		
141	89.1	72.2	108.2





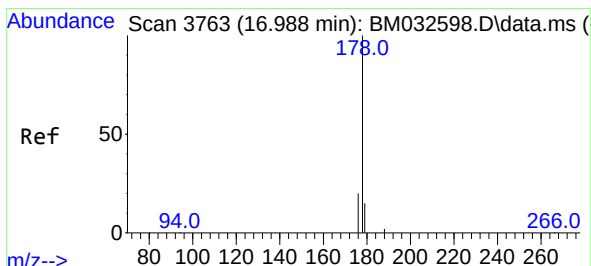
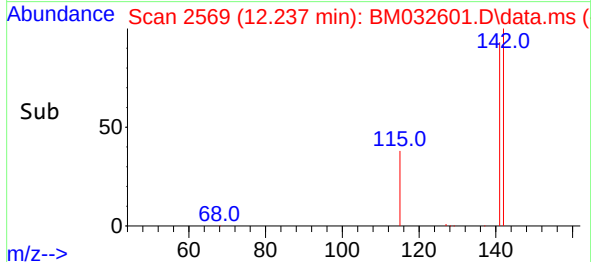
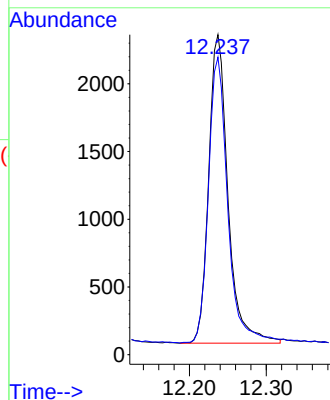
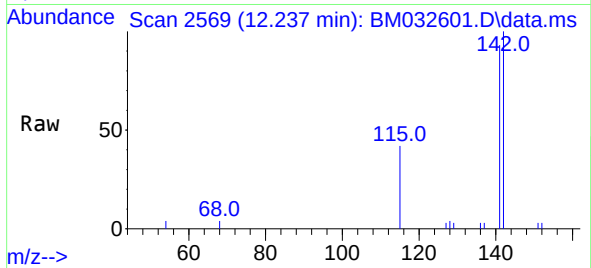
#8
1-Methylnaphthalene
Concen: 0.11 ng/ul
RT: 12.237 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BM032601.D
Acq: 20 Oct 2021 02:00

Tgt Ion:142 Resp: 3984
Ion Ratio Lower Upper
142 100
141 92.4 74.9 112.3

Instrument :
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ClientSampled :
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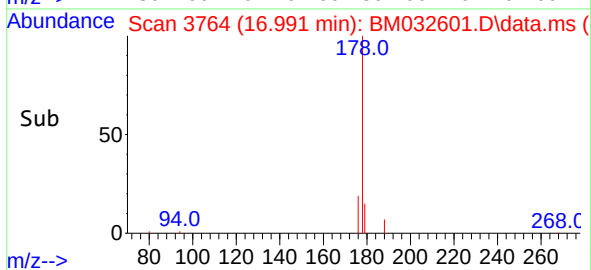
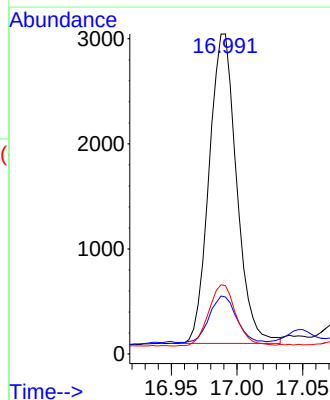
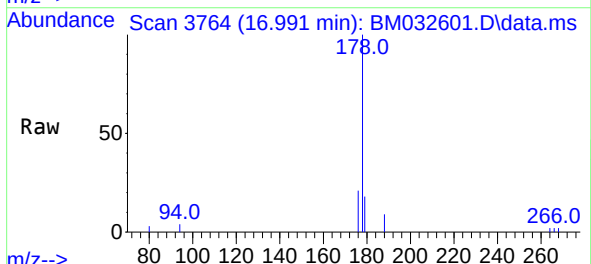
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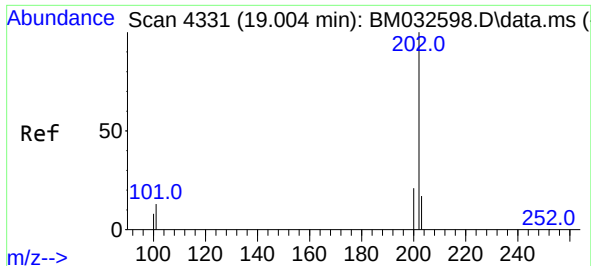
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#15
Phenanthrene
Concen: 0.09 ng/ul
RT: 16.991 min Scan# 3764
Delta R.T. 0.004 min
Lab File: BM032601.D
Acq: 20 Oct 2021 02:00

Tgt Ion:178 Resp: 4288
Ion Ratio Lower Upper
178 100
179 17.8 12.9 19.3
176 21.4 16.1 24.1





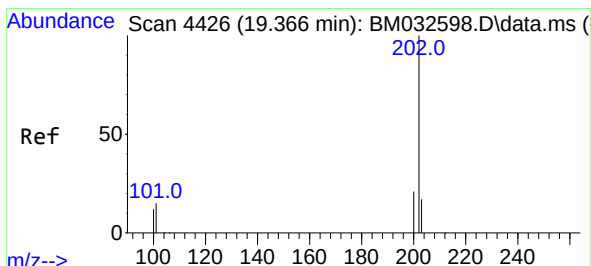
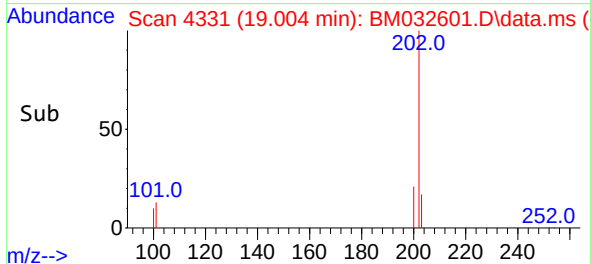
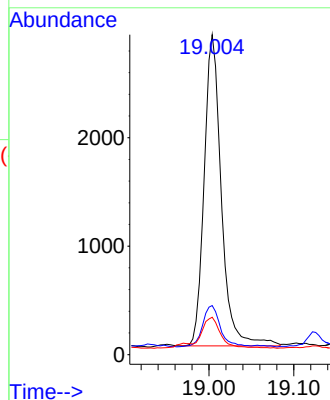
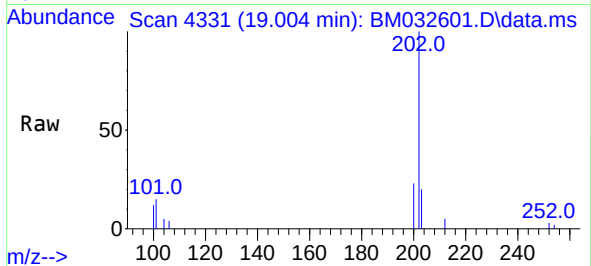
#19
Fluoranthene
Concen: 0.09 ng/ul
RT: 19.004 min Scan# 4331
Delta R.T. 0.000 min
Lab File: BM032601.D
Acq: 20 Oct 2021 02:00

Tgt Ion:	202	Resp:	4048
Ion	Ratio	Lower	Upper
202	100		
101	15.3	10.6	16.0
100	11.7	7.8	11.8

Instrument :
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ClientSampled :
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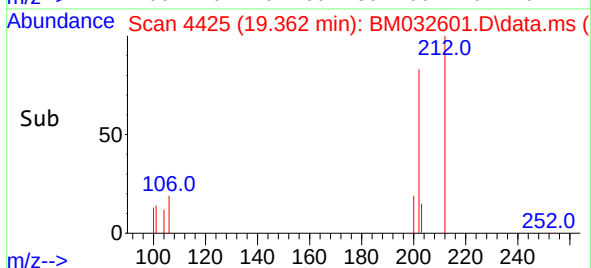
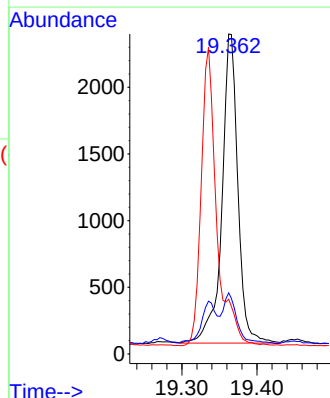
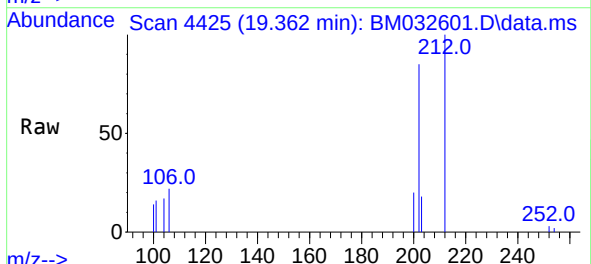
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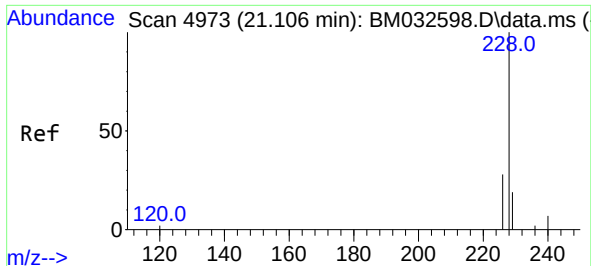
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#20
Pyrene
Concen: 0.07 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.004 min
Lab File: BM032601.D
Acq: 20 Oct 2021 02:00

Tgt Ion:	202	Resp:	3425
Ion	Ratio	Lower	Upper
202	100		
101	19.1	12.3	18.5#
100	17.1	10.1	15.1#





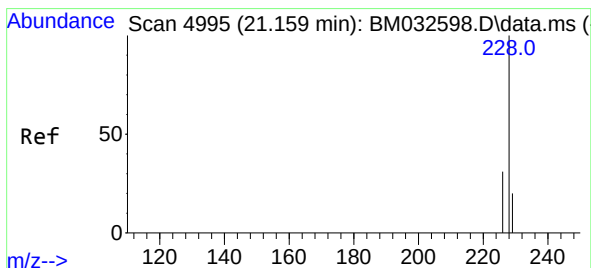
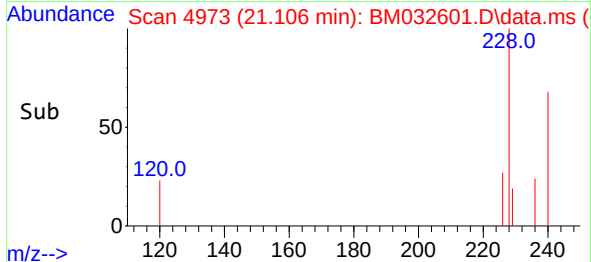
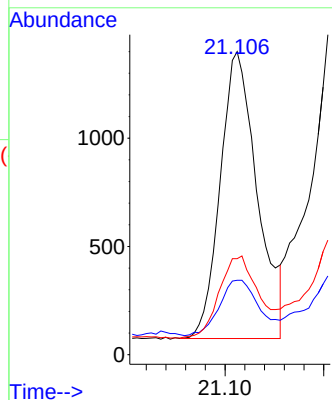
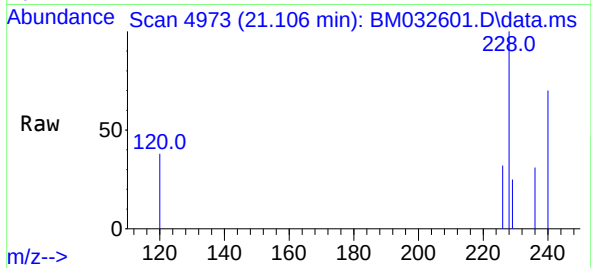
#21
Benzo(a)anthracene
Concen: 0.05 ng/ul
RT: 21.106 min Scan# 4973
Delta R.T. 0.000 min
Lab File: BM032601.D
Acq: 20 Oct 2021 02:00

Tgt Ion:228 Resp: 1731
Ion Ratio Lower Upper
228 100
229 24.6 15.9 23.9#
226 31.7 22.4 33.6

Instrument :
BNA_M
ClientSampleId :
C0B20

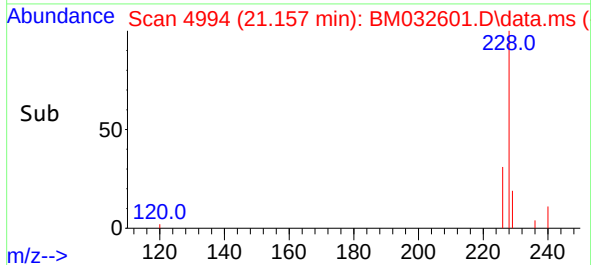
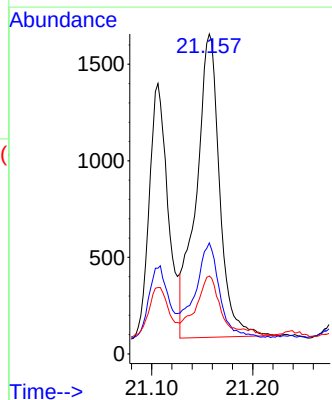
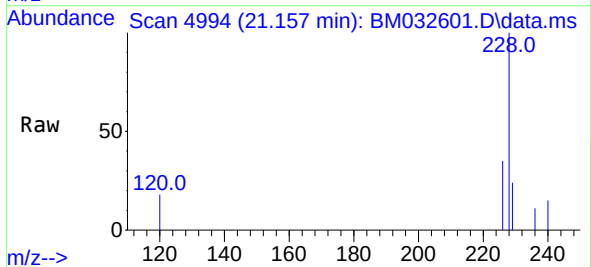
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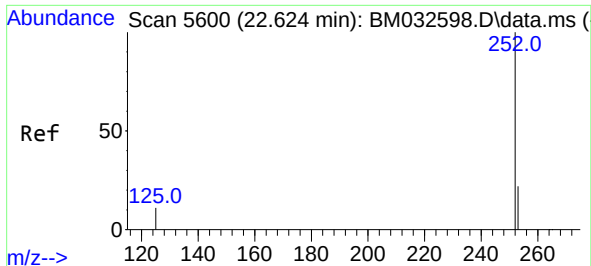
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#22
Chrysene
Concen: 0.06 ng/ul
RT: 21.157 min Scan# 4994
Delta R.T. -0.002 min
Lab File: BM032601.D
Acq: 20 Oct 2021 02:00

Tgt Ion:228 Resp: 2530
Ion Ratio Lower Upper
228 100
226 34.7 25.1 37.7
229 24.3 15.7 23.5#





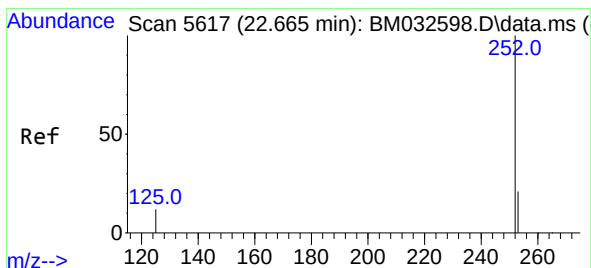
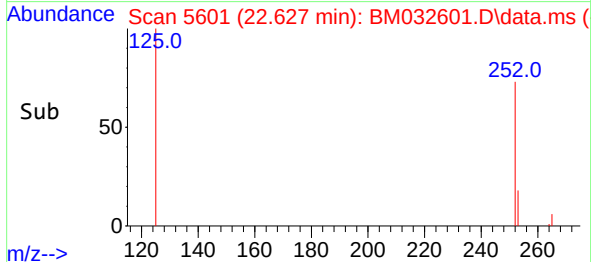
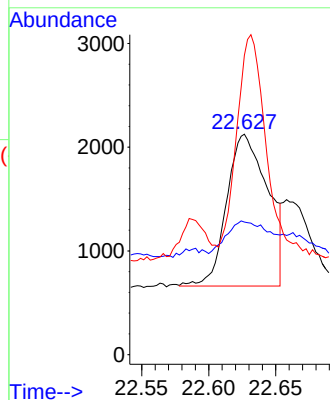
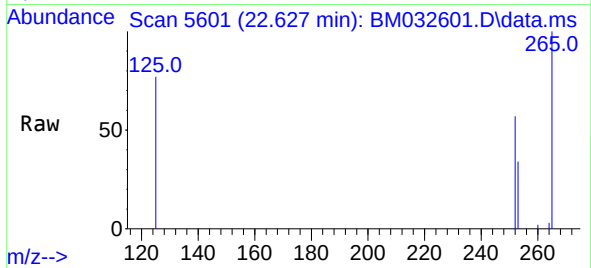
#24
Benzo(b)fluoranthene
Concen: 0.08 ng/ul m
RT: 22.627 min Scan# 5601
Delta R.T. 0.000 min
Lab File: BM032601.D
Acq: 20 Oct 2021 02:00

Tgt Ion:252 Resp: 3136
Ion Ratio Lower Upper
252 100
253 60.1 0.0 53.8#
125 135.7 0.0 35.6#

Instrument :
BNA_M
ClientSampled :
C0B20

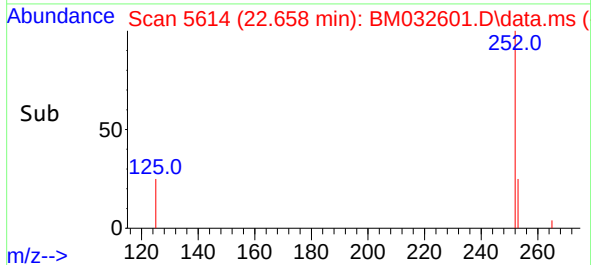
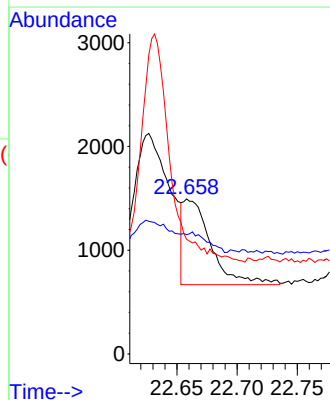
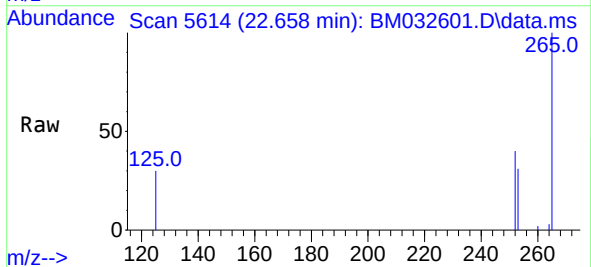
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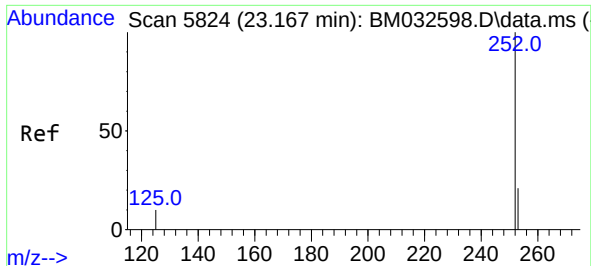
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#25
Benzo(k)fluoranthene
Concen: 0.03 ng/ul m
RT: 22.658 min Scan# 5614
Delta R.T. -0.010 min
Lab File: BM032601.D
Acq: 20 Oct 2021 02:00

Tgt Ion:252 Resp: 1320
Ion Ratio Lower Upper
252 100
253 76.9 21.8 32.6#
125 73.9 14.4 21.6#





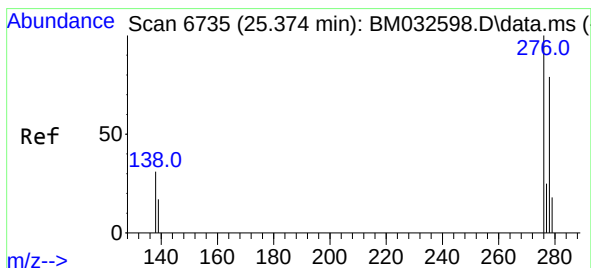
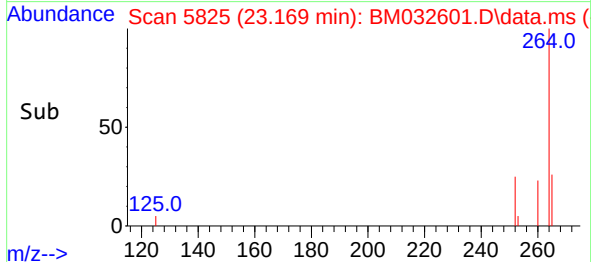
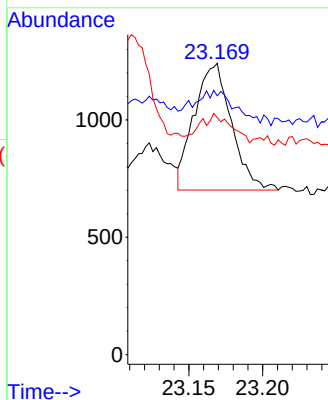
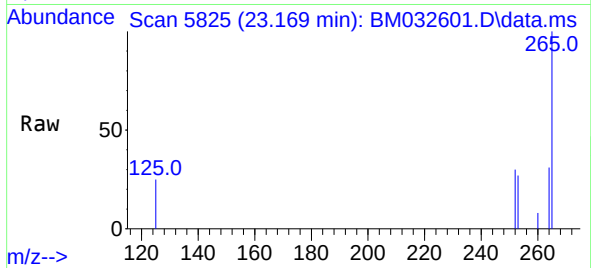
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Benzo(a)pyrene
Concen: 0.03 ng/u1
RT: 23.169 min Scan# 5825
Delta R.T. 0.000 min
Lab File: BM032601.D
Acq: 20 Oct 2021 02:00

Tgt Ion:	252	Resp:	947
Ion Ratio	Lower	Upper	
252	100		
253	88.9	23.6	35.4#
125	81.3	17.1	25.7#

Instrument :
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ClientSampled :
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng/u1
RT: 25.372 min Scan# 6734
Delta R.T. -0.007 min
Lab File: BM032601.D
Acq: 20 Oct 2021 02:00

Tgt Ion:	276	Resp:	1134
Ion Ratio	Lower	Upper	
276	100		
138	26.8	24.9	37.3
227	0.0	0.0	0.0

