

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032531.D
 Acq On : 15 Oct 2021 18:23
 Operator : CG/JU
 Sample : M4029-01DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00Q4DL

Manual Integrations
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Quant Time: Oct 18 04:07:18 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 : Fri Oct 15 12:37:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.556	152	5349	0.40	ng/ul	0.00
4) Naphthalene-d8	10.344	136	17178	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	9017	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	18462	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.128	240	14235	0.40	ng/ul	0.00
23) Perylene-d12	23.266	264	11766	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	3095	0.52	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	687	0.03	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	1493	0.03	ng/ul	0.00
Target Compounds						
					Qvalue	
12) Fluorene	15.263	166	1573	0.04	ng/ul#	98
15) Phenanthrene	16.991	178	18118	0.29	ng/ul	100
16) Anthracene	17.078	178	4281	0.08	ng/ul#	95
19) Fluoranthene	19.008	202	28027	0.40	ng/ul	99
20) Pyrene	19.370	202	24369	0.34	ng/ul	99
21) Benzo(a)anthracene	21.113	228	9194	0.17	ng/ul	98
22) Chrysene	21.164	228	9690	0.16	ng/ul	97
24) Benzo(b)fluoranthene	22.634	252	11217m	0.21	ng/ul	
25) Benzo(k)fluoranthene	22.670	252	3610m	0.07	ng/ul	
26) Benzo(a)pyrene	23.172	252	7403	0.16	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.372	276	3795	0.07	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.367	278	926	0.02	ng/ul#	11
29) Benzo(g,h,i)perylene	26.016	276	3442	0.07	ng/ul#	88

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

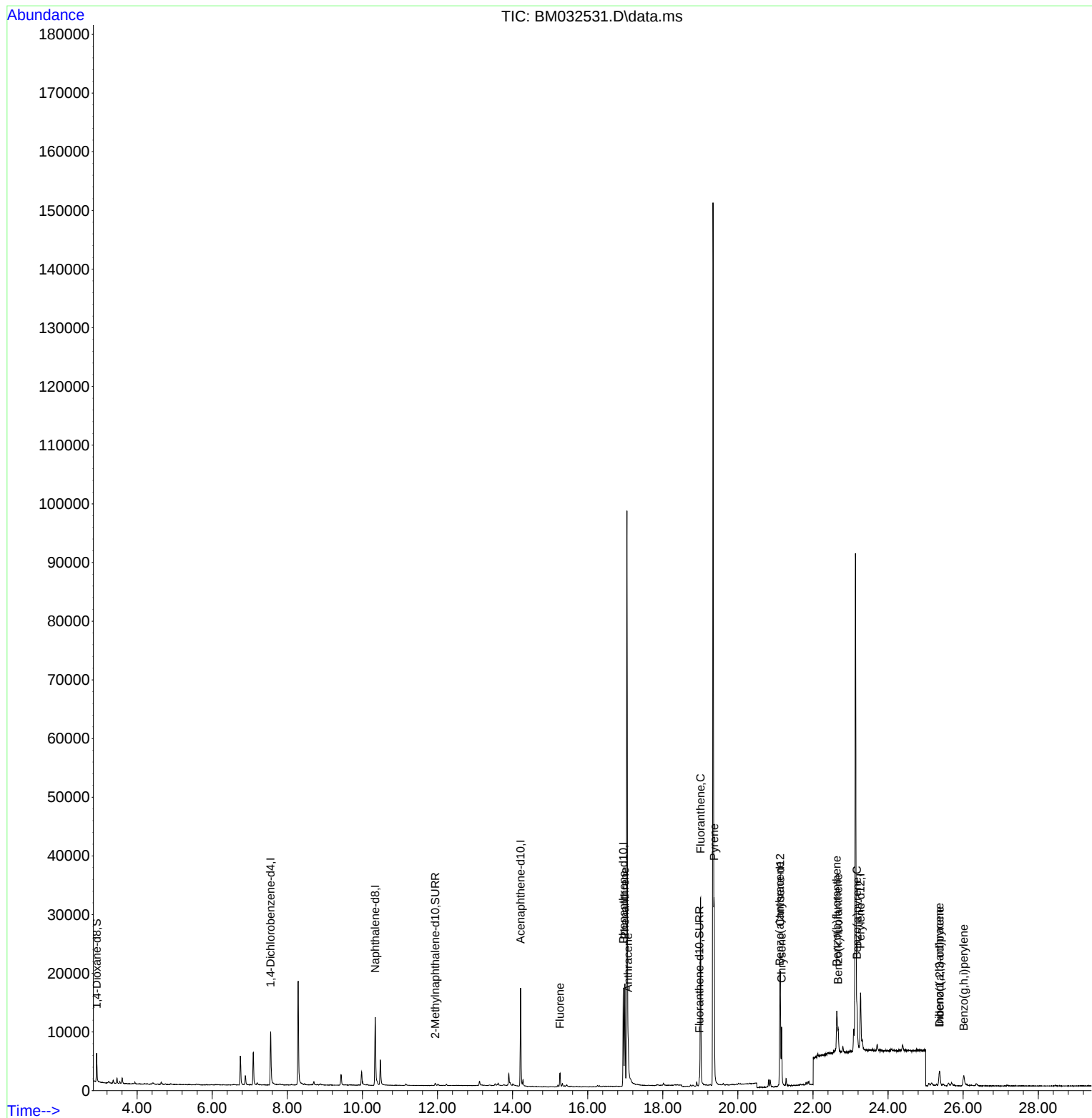
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Data File : BM032531.D
Acq On : 15 Oct 2021 18:23
Operator : CG/JU
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ALS Vial : 16 Sample Multiplier: 1

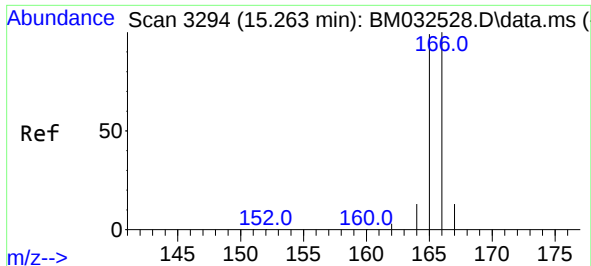
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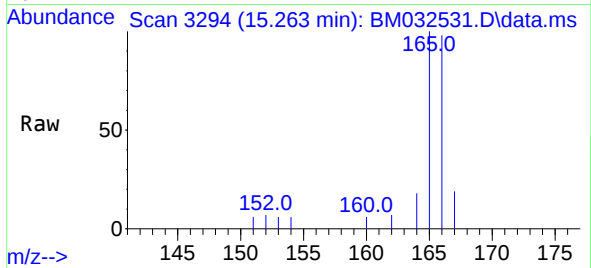
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Quant Time: Oct 18 04:07:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
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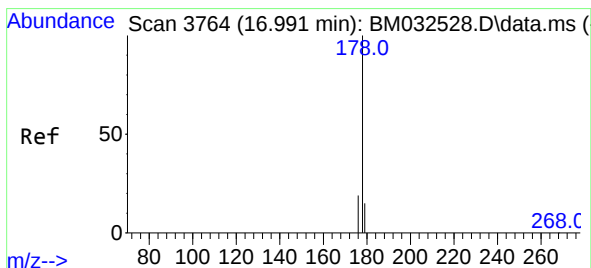
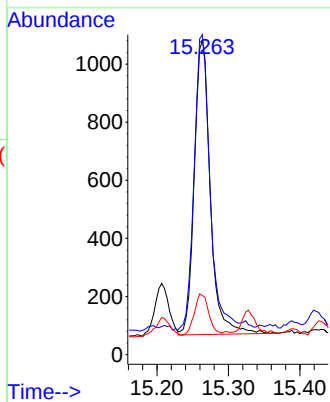
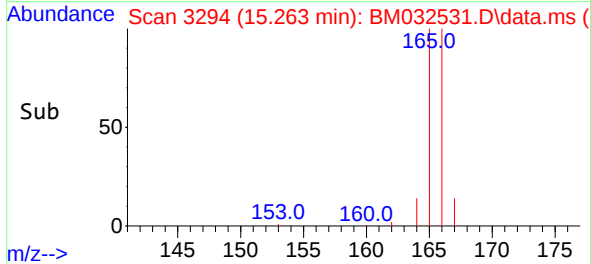




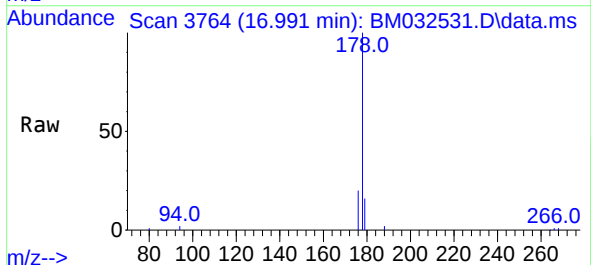
#12
Fluorene
Concen: 0.04 ng/ul
RT: 15.263 min Scan# 3294
Delta R.T. 0.000 min
Lab File: BM032531.D
Acq: 15 Oct 2021 18:23



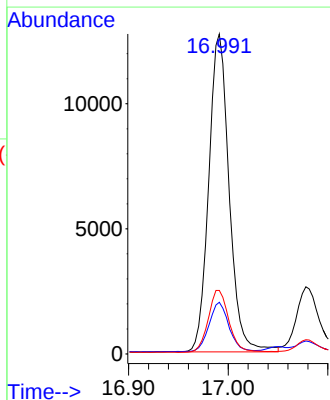
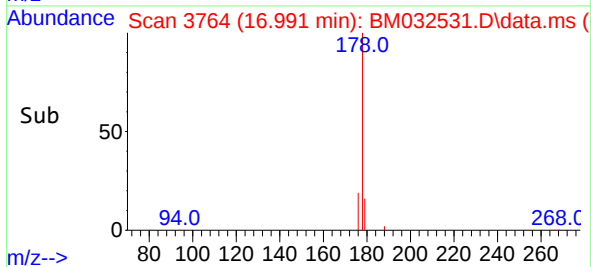
Tgt Ion:166 Resp: 1573
Ion Ratio Lower Upper
166 100
165 101.9 80.7 121.1
167 18.9 11.2 16.8#



#15
Phenanthrene
Concen: 0.29 ng/ul
RT: 16.991 min Scan# 3764
Delta R.T. -0.003 min
Lab File: BM032531.D
Acq: 15 Oct 2021 18:23



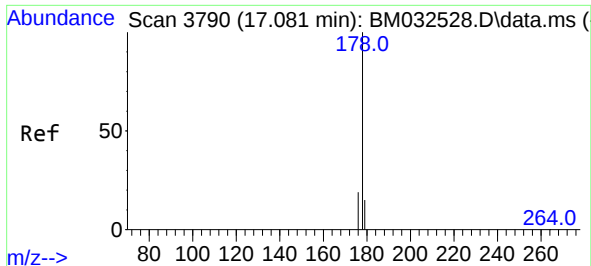
Tgt Ion:178 Resp: 18118
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.8 16.1 24.1



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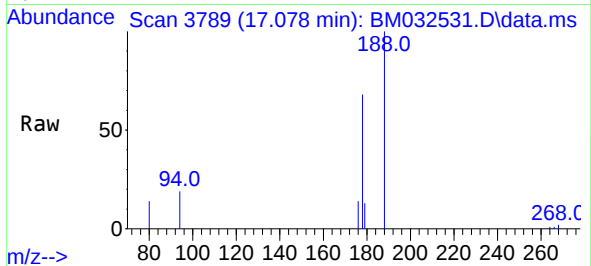
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#16
 Anthracene
 Concen: 0.08 ng/ul
 RT: 17.078 min Scan# 3789
 Delta R.T. -0.007 min
 Lab File: BM032531.D
 Acq: 15 Oct 2021 18:23

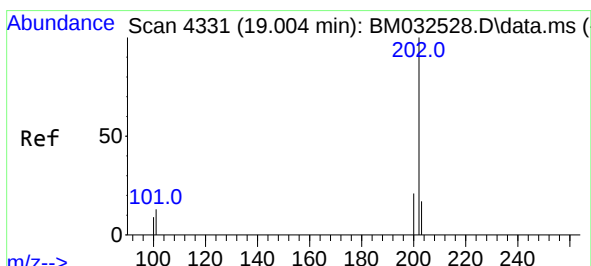
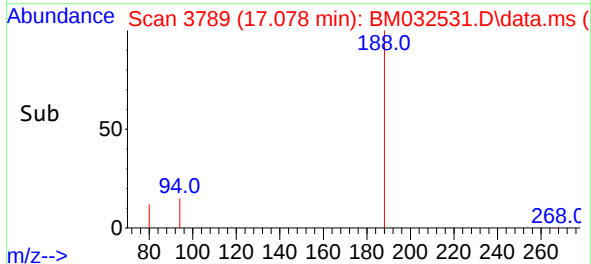
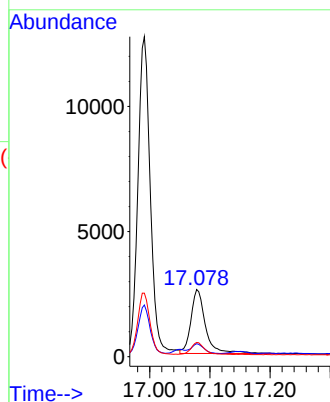
Instrument :
 BNA_M
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 C00Q4DL



Tgt Ion:	178	Resp:	4281
Ion	Ratio	Lower	Upper
178	100		
179	19.4	12.9	19.3#
176	21.2	15.8	23.6

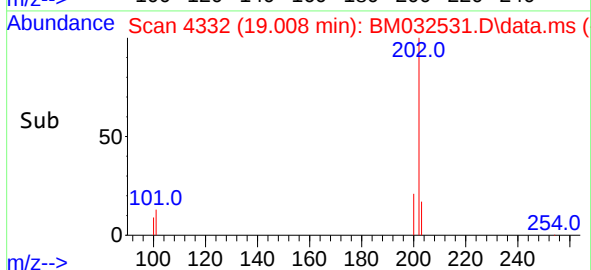
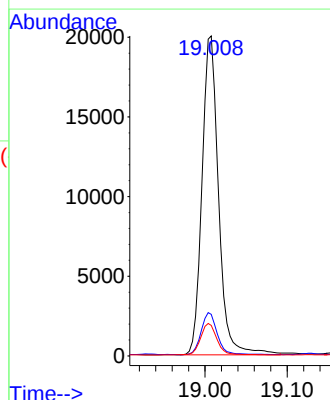
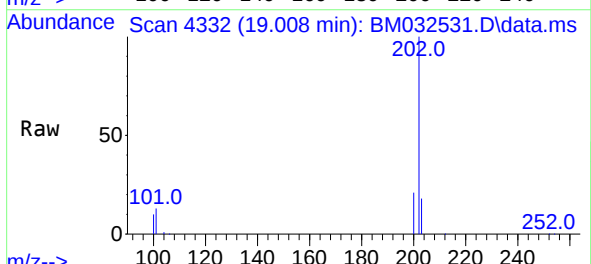
Manual Integrations
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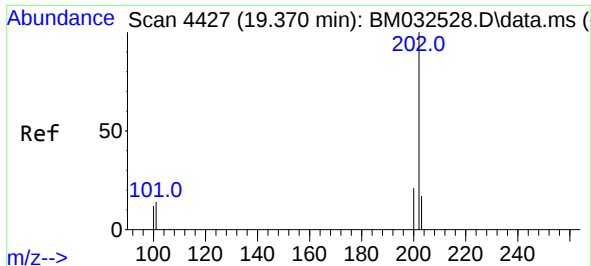
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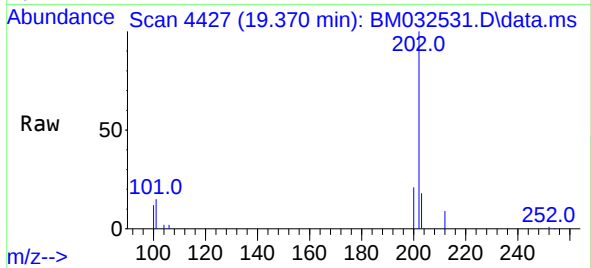
#19
 Fluoranthene
 Concen: 0.40 ng/ul
 RT: 19.008 min Scan# 4332
 Delta R.T. -0.004 min
 Lab File: BM032531.D
 Acq: 15 Oct 2021 18:23

Tgt Ion:	202	Resp:	28027
Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.6	16.0
100	9.5	7.8	11.8

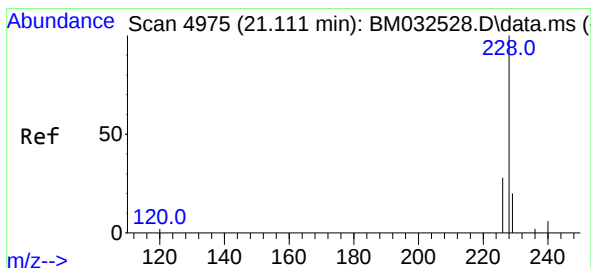
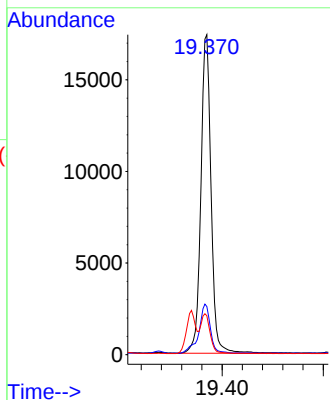
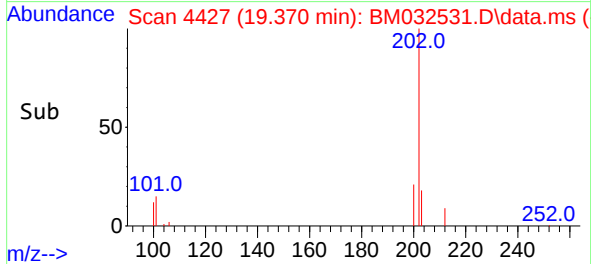




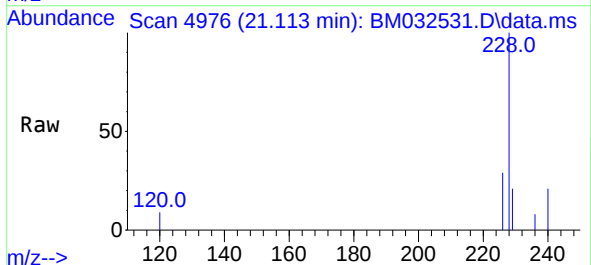
#20
Pyrene
Concen: 0.34 ng/ul
RT: 19.370 min Scan# 4427
Delta R.T. -0.004 min
Lab File: BM032531.D
Acq: 15 Oct 2021 18:23



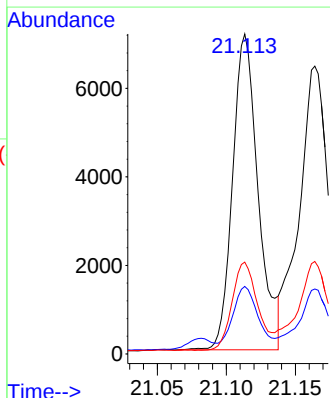
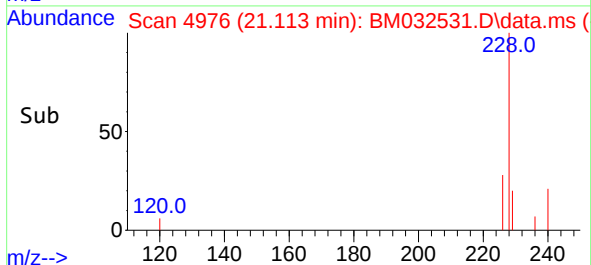
Tgt Ion:	202	Resp:	24369
Ion	Ratio	Lower	Upper
202	100		
101	15.1	12.3	18.5
100	12.2	10.1	15.1



#21
Benzo(a)anthracene
Concen: 0.17 ng/ul
RT: 21.113 min Scan# 4976
Delta R.T. -0.007 min
Lab File: BM032531.D
Acq: 15 Oct 2021 18:23



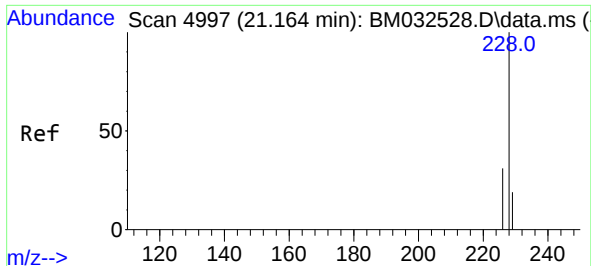
Tgt Ion:	228	Resp:	9194
Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.9	23.9
226	28.7	22.4	33.6



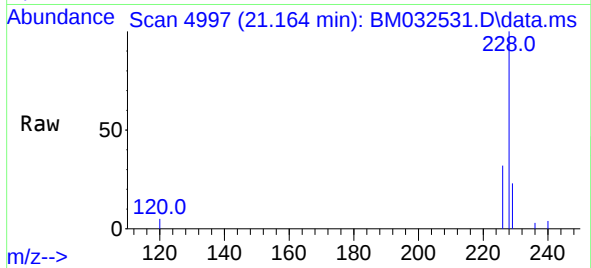
Instrument :
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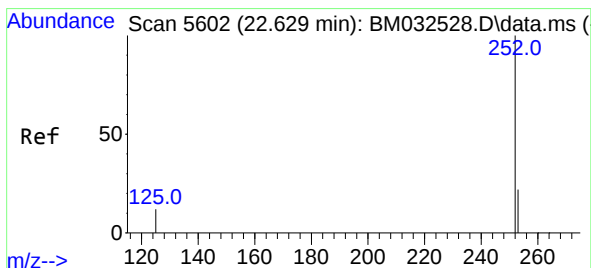
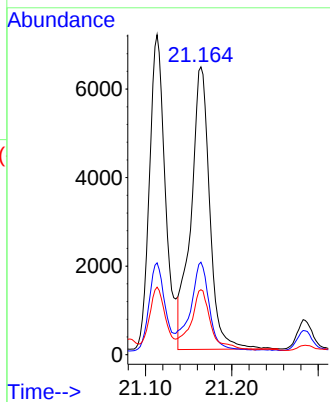
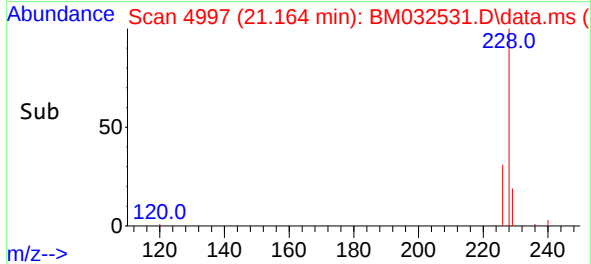
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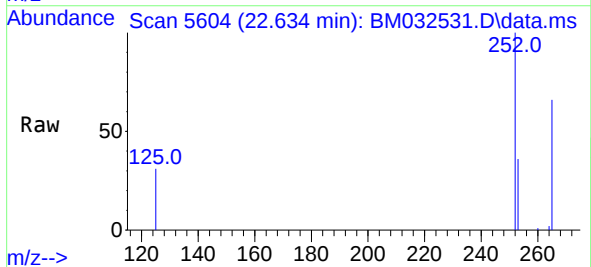
#22
Chrysene
Concen: 0.16 ng/ul
RT: 21.164 min Scan# 4997
Delta R.T. -0.007 min
Lab File: BM032531.D
Acq: 15 Oct 2021 18:23



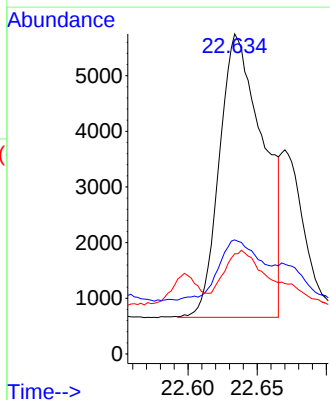
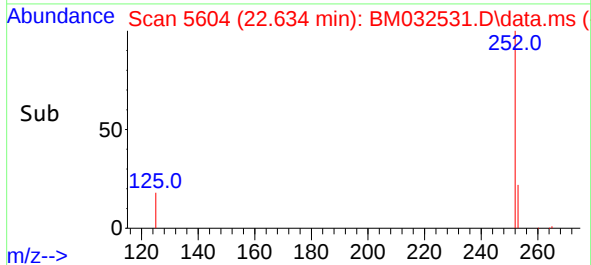
Tgt Ion:	228	Resp:	9690
Ion Ratio	Lower	Upper	
228	100		
226	32.1	25.1	37.7
229	22.6	15.7	23.5



#24
Benzo(b)fluoranthene
Concen: 0.21 ng/ul m
RT: 22.634 min Scan# 5604
Delta R.T. -0.010 min
Lab File: BM032531.D
Acq: 15 Oct 2021 18:23



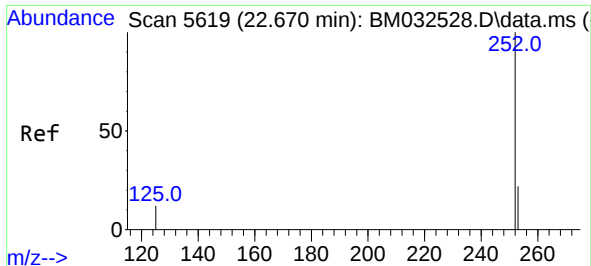
Tgt Ion:	252	Resp:	11217
Ion Ratio	Lower	Upper	
252	100		
253	35.7	0.0	53.8
125	31.3	0.0	35.6



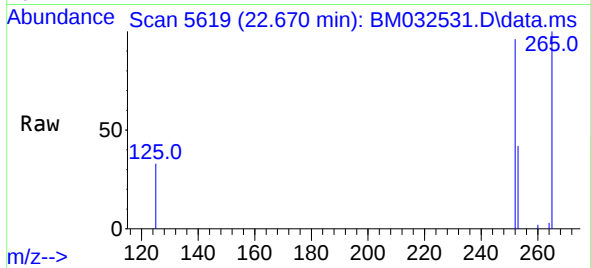
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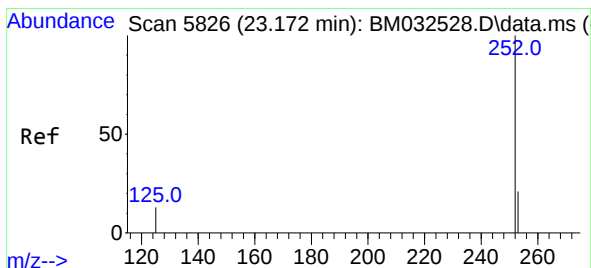
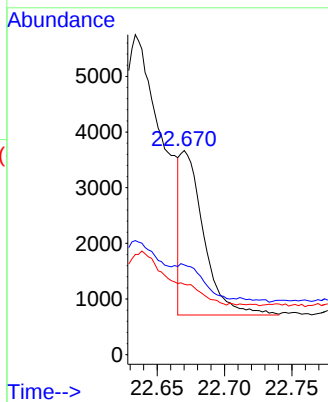
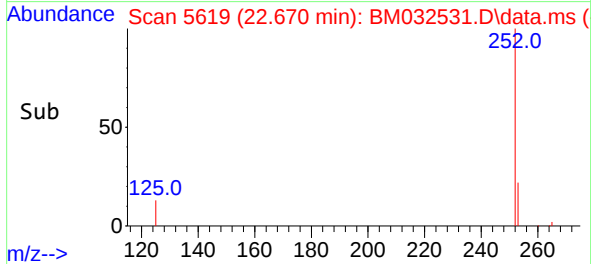
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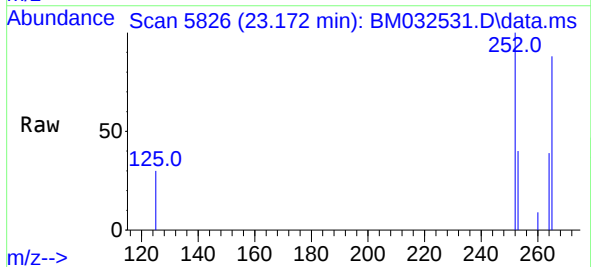
#25
Benzo(k)fluoranthene
Concen: 0.07 ng/ul m
RT: 22.670 min Scan# 5619
Delta R.T. -0.015 min
Lab File: BM032531.D
Acq: 15 Oct 2021 18:23



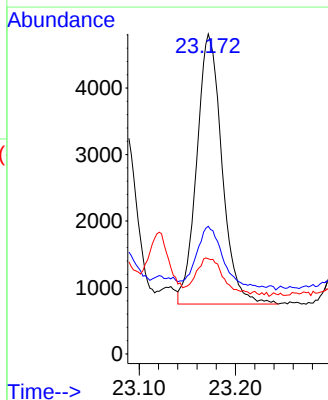
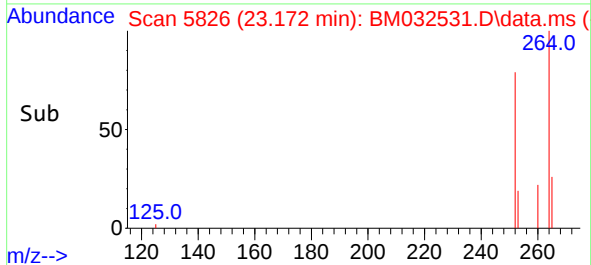
Tgt Ion:252 Resp: 3610
Ion Ratio Lower Upper
252 100
253 44.0 21.8 32.6#
125 34.5 14.4 21.6#



#26
Benzo(a)pyrene
Concen: 0.16 ng/ul
RT: 23.172 min Scan# 5826
Delta R.T. -0.012 min
Lab File: BM032531.D
Acq: 15 Oct 2021 18:23



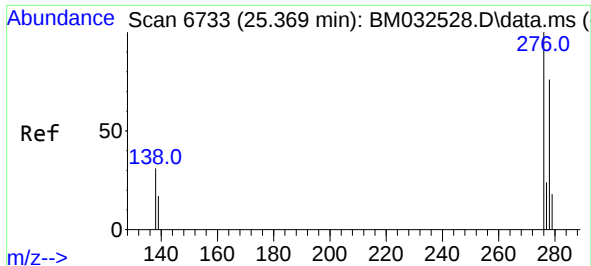
Tgt Ion:252 Resp: 7403
Ion Ratio Lower Upper
252 100
253 39.9 23.6 35.4#
125 29.7 17.1 25.7#



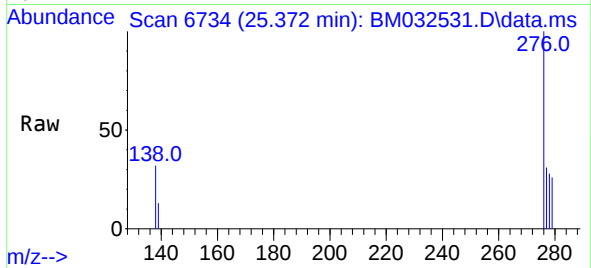
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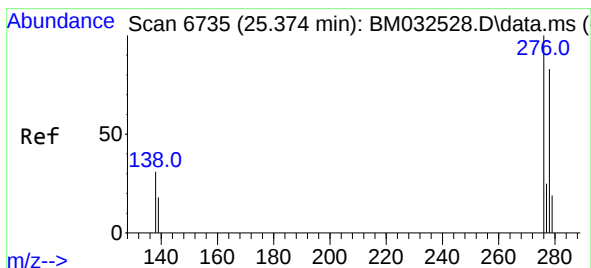
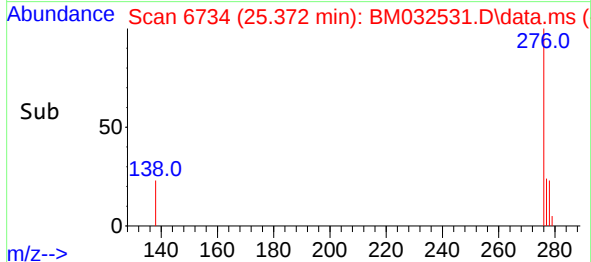
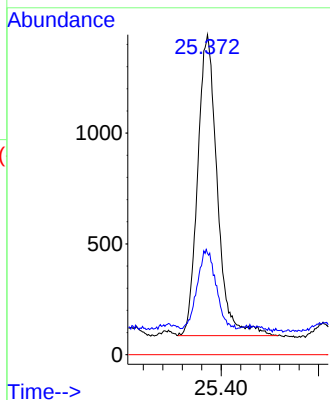
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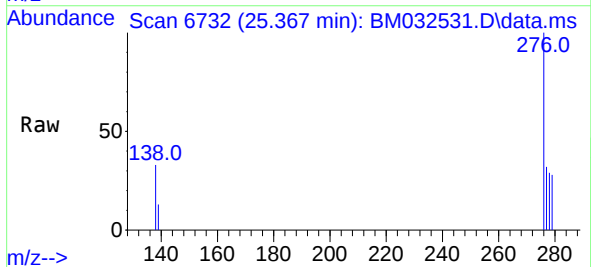
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.07 ng/ul
RT: 25.372 min Scan# 6734
Delta R.T. -0.015 min
Lab File: BM032531.D
Acq: 15 Oct 2021 18:23



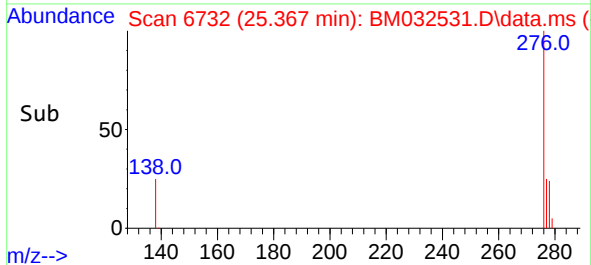
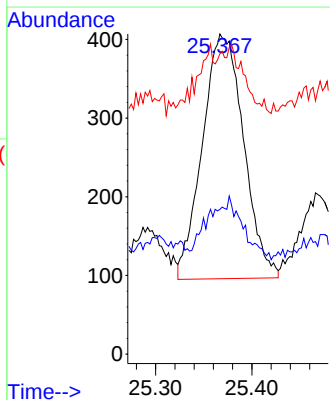
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Ion Ratio Lower Upper
276 100
138 25.0 24.9 37.3
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 25.367 min Scan# 6732
Delta R.T. -0.027 min
Lab File: BM032531.D
Acq: 15 Oct 2021 18:23



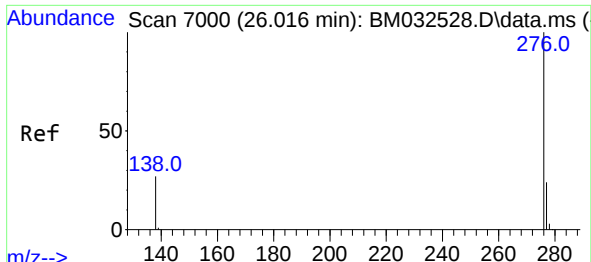
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Ion Ratio Lower Upper
278 100
139 45.2 18.6 28.0#
279 93.9 22.0 33.0#



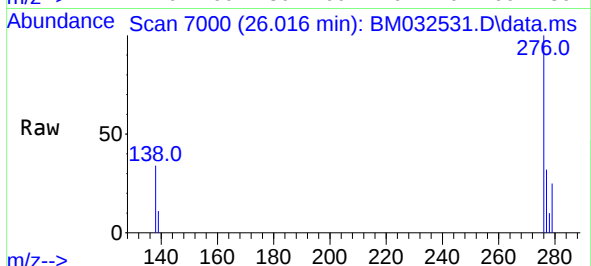
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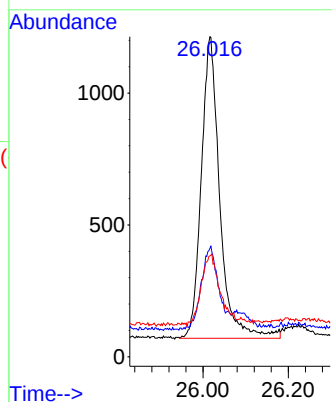
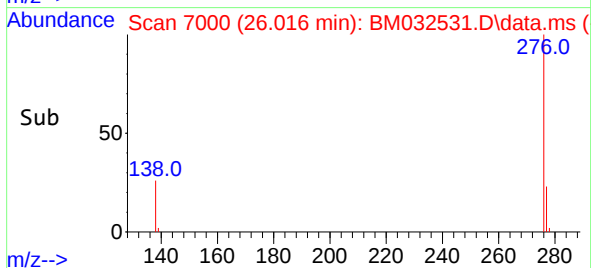
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#29
Benzo(g,h,i)perylene
Concen: 0.07 ng/ul
RT: 26.016 min Scan# 7000
Delta R.T. -0.015 min
Lab File: BM032531.D
Acq: 15 Oct 2021 18:23



Tgt Ion: 276 Resp: 3442
Ion Ratio Lower Upper
276 100
138 33.9 22.6 33.8#
277 31.5 19.9 29.9#



Instrument :
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