

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032536.D
 Acq On : 15 Oct 2021 21:28
 Operator : CG/JU
 Sample : M4029-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00R3

Manual Integrations
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Quant Time: Oct 18 04:09:38 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	7.553	152	6828	0.40	ng/ul	0.00
4) Naphthalene-d8	10.339	136	21997	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	11640	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	22679	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.125	240	14561	0.40	ng/ul	0.00
23) Perylene-d12	23.261	264	11795	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	16028	2.09	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	3692	0.13	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	7329	0.16	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.389	128	5967	0.09	ng/ul	97
7) 2-Methylnaphthalene	12.012	142	3992	0.09	ng/ul	97
8) 1-Methylnaphthalene	12.233	142	2487	0.06	ng/ul	99
10) Acenaphthylene	13.928	152	1921	0.04	ng/ul	92
12) Fluorene	15.260	166	1109	0.02	ng/ul#	95
15) Phenanthrene	16.988	178	23064	0.30	ng/ul	100
16) Anthracene	17.078	178	3471	0.05	ng/ul#	93
19) Fluoranthene	19.004	202	53488	0.74	ng/ul	100
20) Pyrene	19.366	202	48467	0.65	ng/ul	99
21) Benzo(a)anthracene	21.108	228	17521	0.31	ng/ul	97
22) Chrysene	21.159	228	23121	0.37	ng/ul	98
24) Benzo(b)fluoranthene	22.629	252	25626m	0.47	ng/ul	
25) Benzo(k)fluoranthene	22.663	252	9100m	0.17	ng/ul	
26) Benzo(a)pyrene	23.167	252	15753	0.34	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.362	276	11177	0.20	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.362	278	2435	0.06	ng/ul#	58
29) Benzo(g,h,i)perylene	26.006	276	10963	0.23	ng/ul	97

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

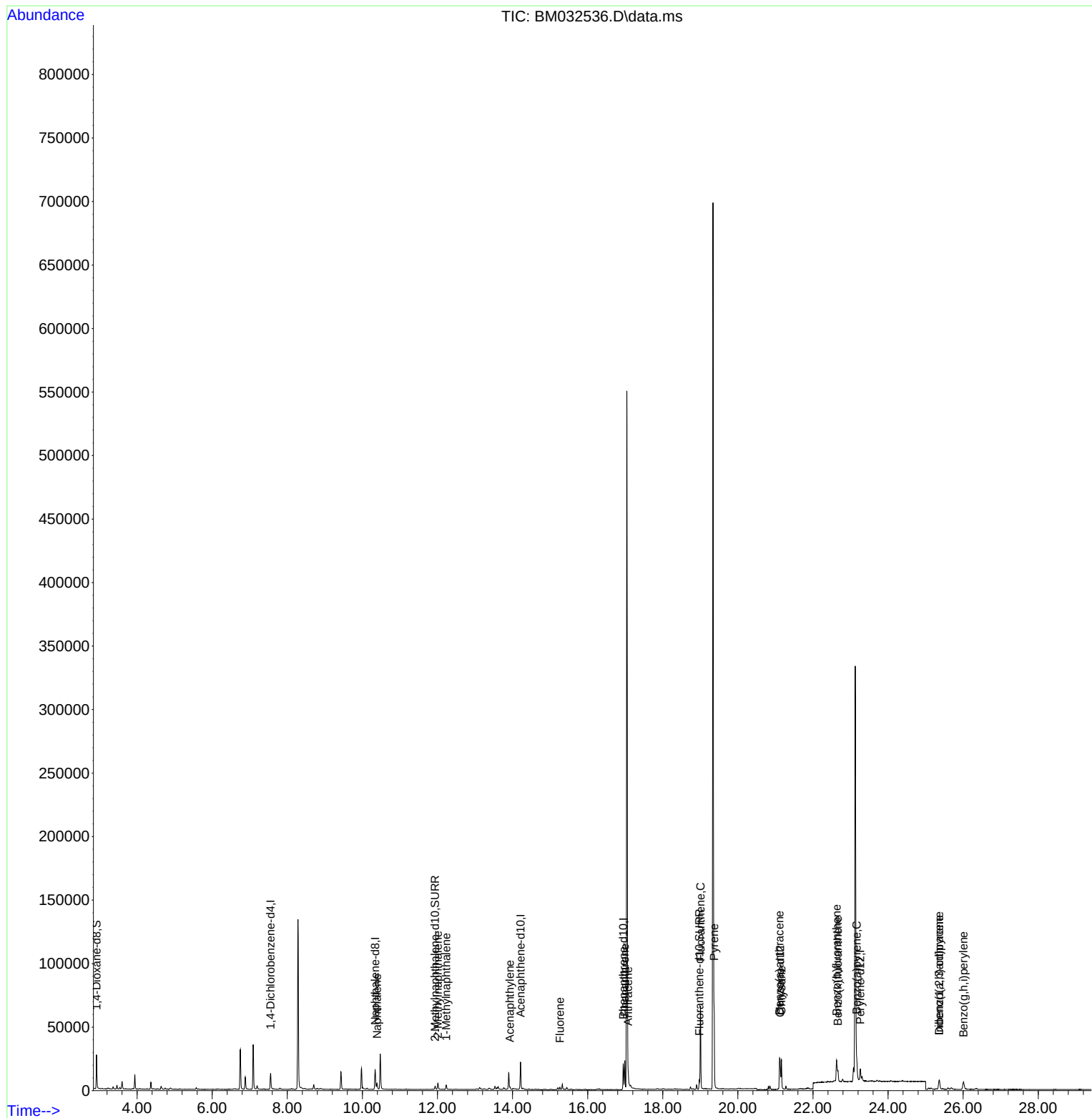
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032536.D
Acq On : 15 Oct 2021 21:28
Operator : CG/JU
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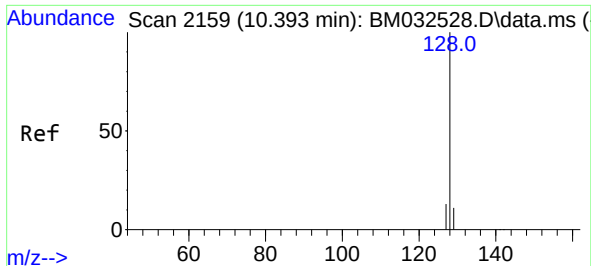
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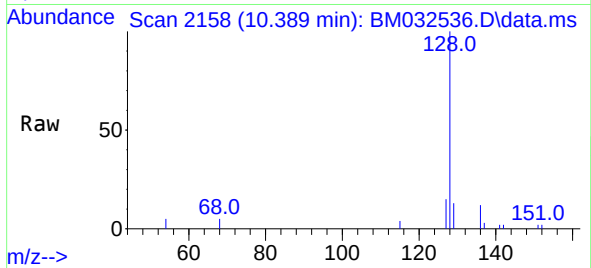
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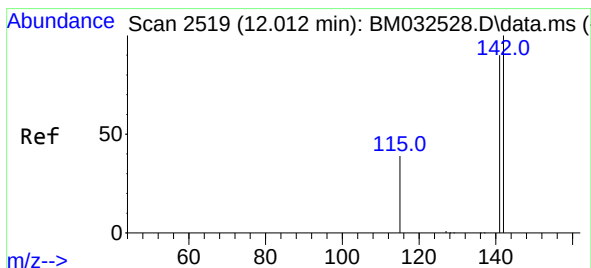
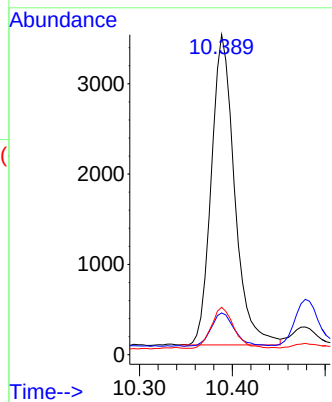
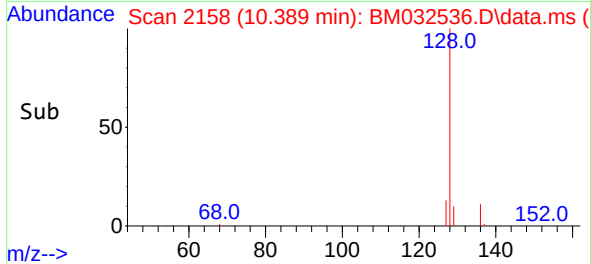




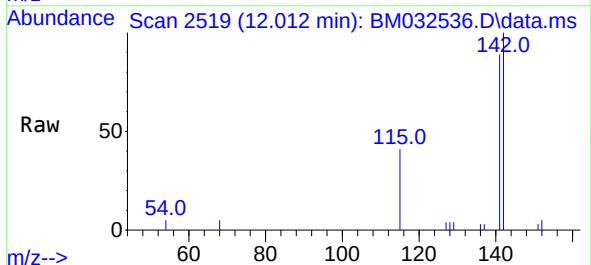
#5
Naphthalene
Concen: 0.09 ng/ul
RT: 10.389 min Scan# 2158
Delta R.T. -0.004 min
Lab File: BM032536.D
Acq: 15 Oct 2021 21:28



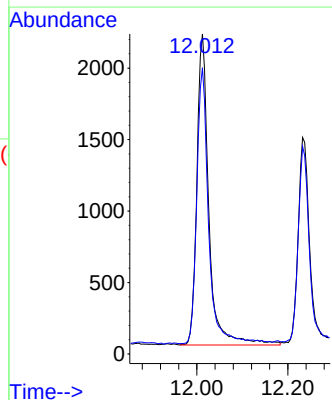
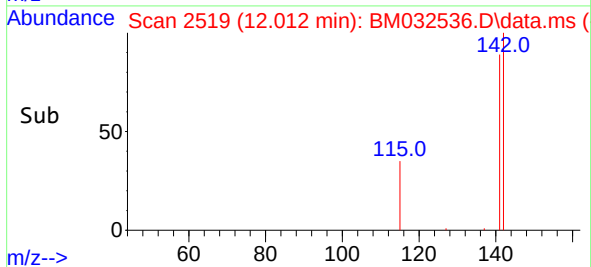
Tgt Ion:128 Resp: 5967
Ion Ratio Lower Upper
128 100
129 13.1 9.1 13.7
127 14.8 11.1 16.7



#7
2-Methylnaphthalene
Concen: 0.09 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM032536.D
Acq: 15 Oct 2021 21:28



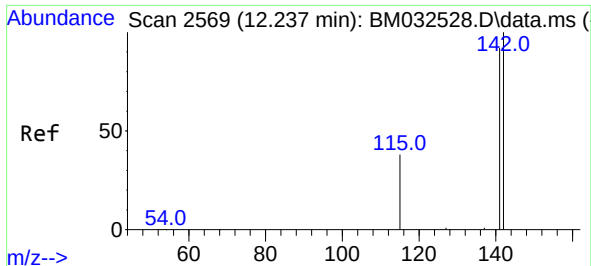
Tgt Ion:142 Resp: 3992
Ion Ratio Lower Upper
142 100
141 87.1 72.2 108.2



Instrument :
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ClientSampled :
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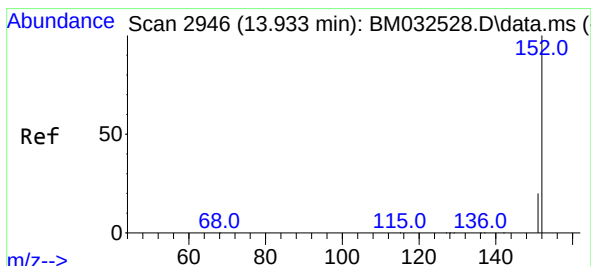
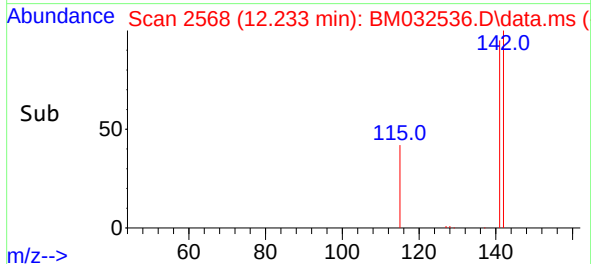
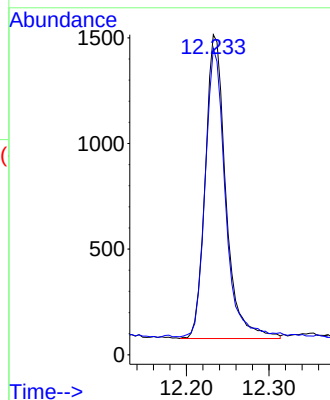
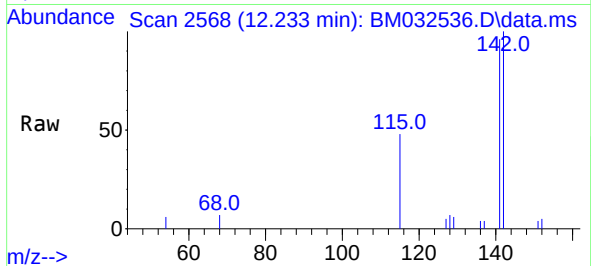
#8
1-Methylnaphthalene
Concen: 0.06 ng/ul
RT: 12.233 min Scan# 2568
Delta R.T. -0.004 min
Lab File: BM032536.D
Acq: 15 Oct 2021 21:28

Tgt Ion:142 Resp: 2487
Ion Ratio Lower Upper
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141 92.2 74.9 112.3

Instrument :
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ClientSampled :
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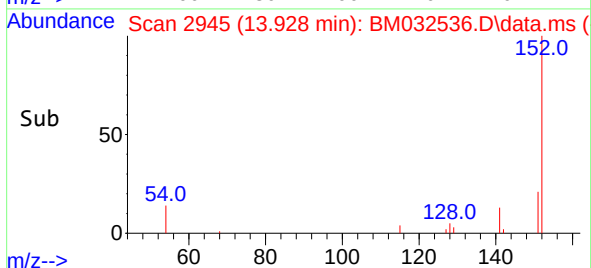
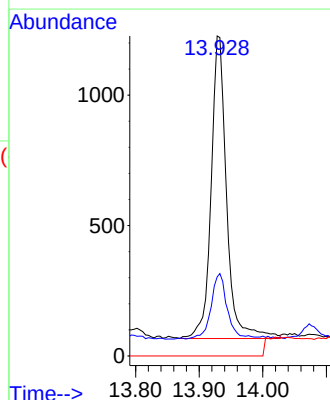
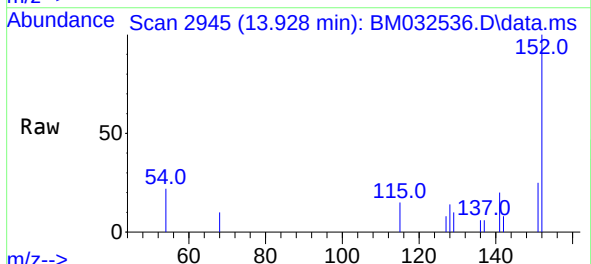
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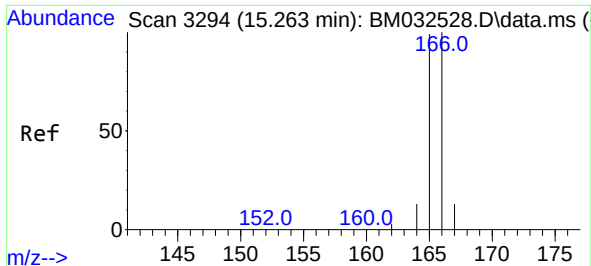
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#10
Acenaphthylene
Concen: 0.04 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.004 min
Lab File: BM032536.D
Acq: 15 Oct 2021 21:28

Tgt Ion:152 Resp: 1921
Ion Ratio Lower Upper
152 100
151 24.7 16.7 25.1
153 0.0 0.0 0.0





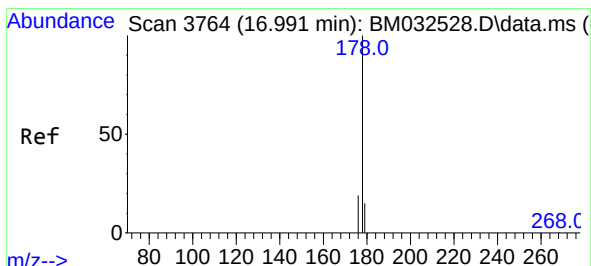
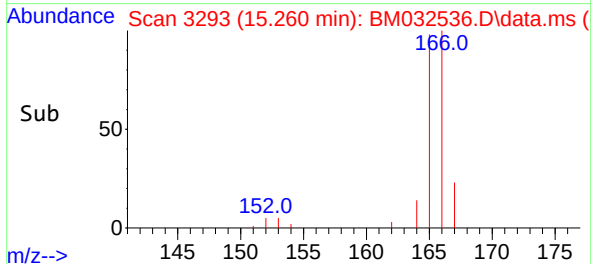
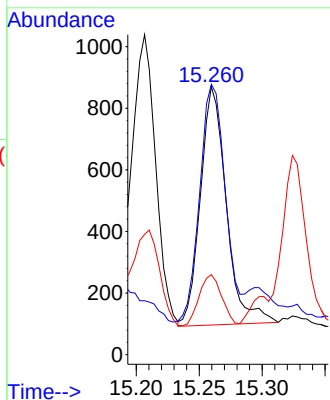
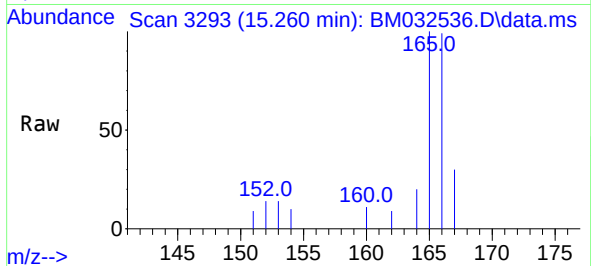
#12
Fluorene
Concen: 0.02 ng/ul
RT: 15.260 min Scan# 3293
Delta R.T. -0.004 min
Lab File: BM032536.D
Acq: 15 Oct 2021 21:28

Tgt Ion:166 Resp: 1109
Ion Ratio Lower Upper
166 100
165 100.9 80.7 121.1
167 29.9 11.2 16.8#

Instrument :
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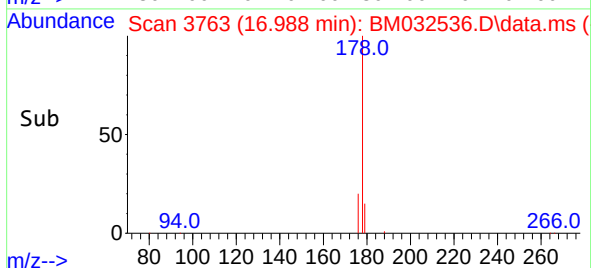
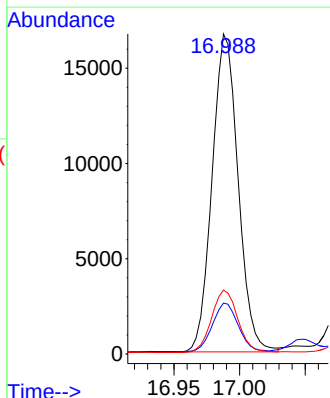
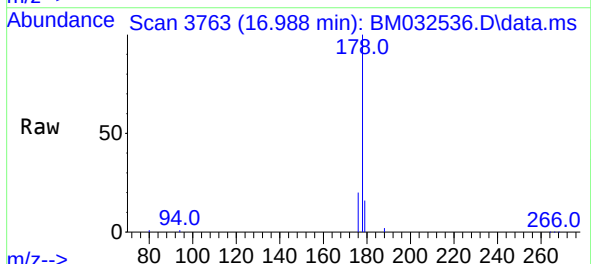
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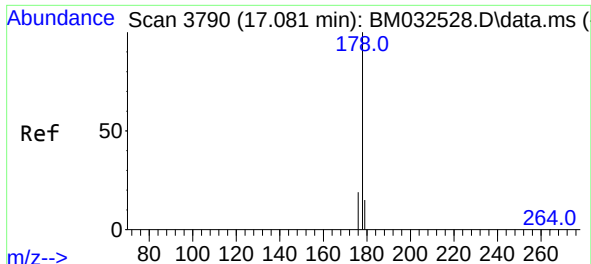
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#15
Phenanthrene
Concen: 0.30 ng/ul
RT: 16.988 min Scan# 3763
Delta R.T. -0.007 min
Lab File: BM032536.D
Acq: 15 Oct 2021 21:28

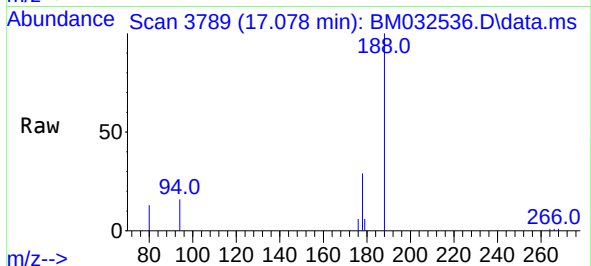
Tgt Ion:178 Resp: 23064
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.9 16.1 24.1





#16
 Anthracene
 Concen: 0.05 ng/ul
 RT: 17.078 min Scan# 3789
 Delta R.T. -0.007 min
 Lab File: BM032536.D
 Acq: 15 Oct 2021 21:28

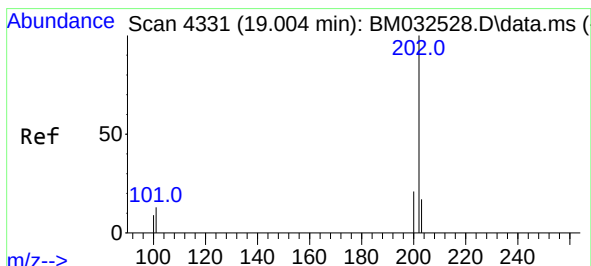
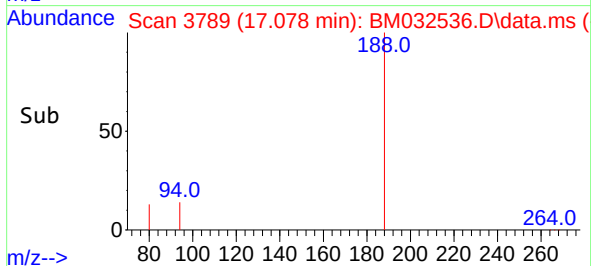
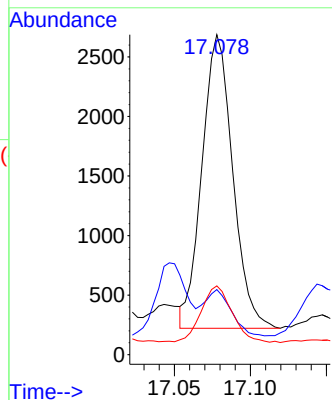
Instrument :
 BNA_M
 ClientSampled :
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Tgt Ion:	178	Resp:	3471
Ion	Ratio	Lower	Upper
178	100		
179	20.3	12.9	19.3#
176	21.5	15.8	23.6

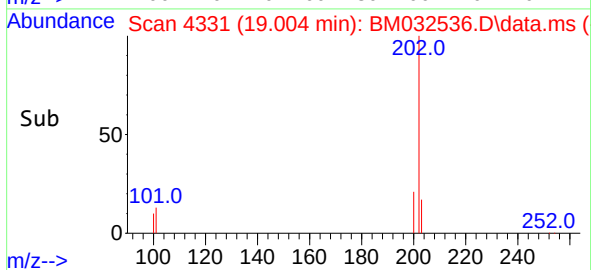
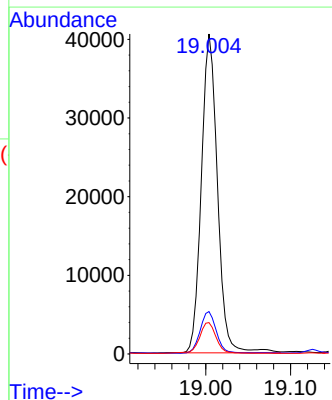
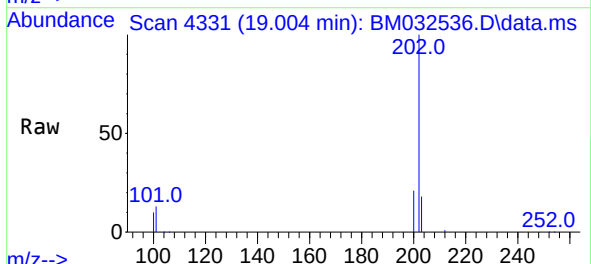
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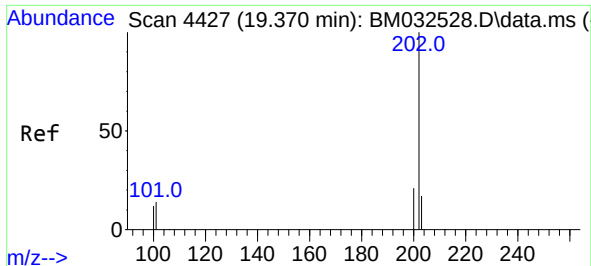
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#19
 Fluoranthene
 Concen: 0.74 ng/ul
 RT: 19.004 min Scan# 4331
 Delta R.T. -0.008 min
 Lab File: BM032536.D
 Acq: 15 Oct 2021 21:28

Tgt Ion:	202	Resp:	53488
Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.6	16.0
100	9.8	7.8	11.8





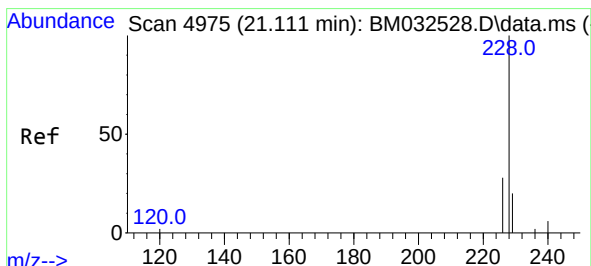
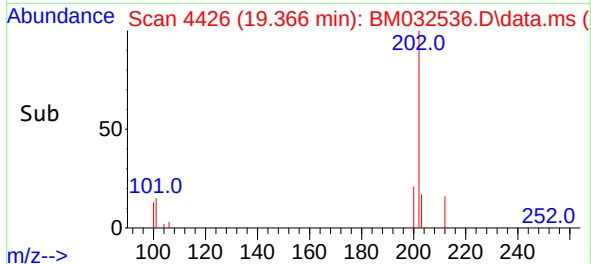
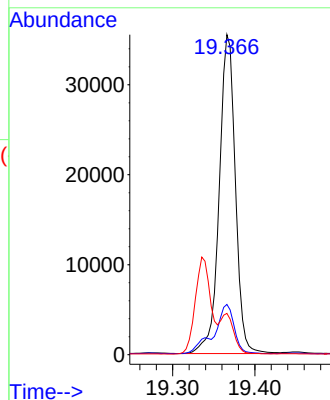
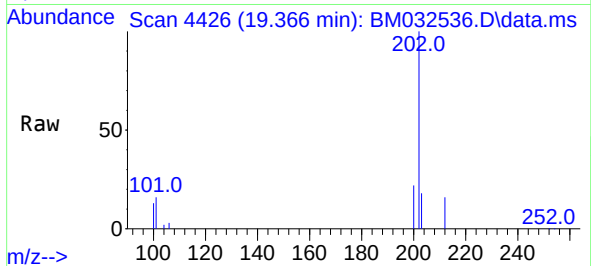
#20
Pyrene
Concen: 0.65 ng/ul
RT: 19.366 min Scan# 4426
Delta R.T. -0.008 min
Lab File: BM032536.D
Acq: 15 Oct 2021 21:28

Tgt Ion:	202	Resp:	48467
Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.3	18.5
100	12.9	10.1	15.1

Instrument :
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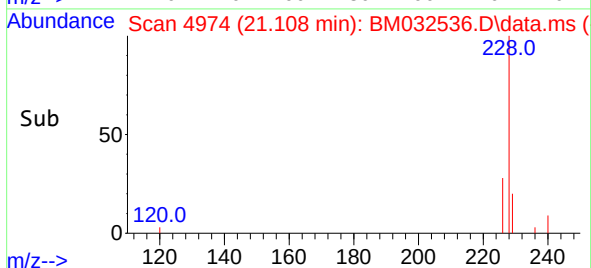
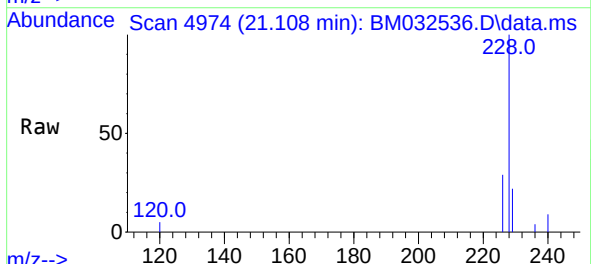
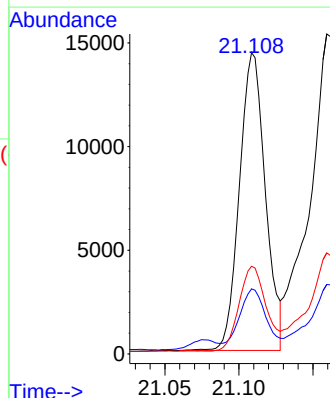
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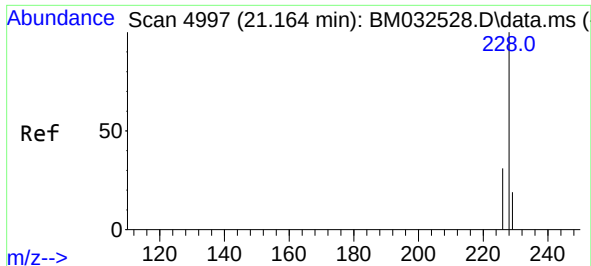
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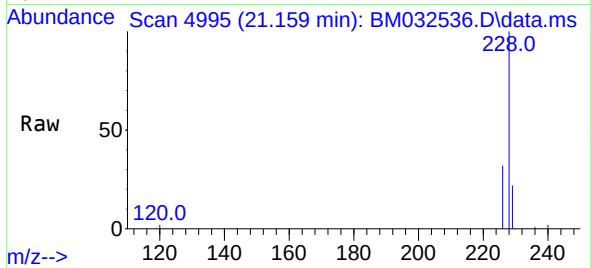
#21
Benzo(a)anthracene
Concen: 0.31 ng/ul
RT: 21.108 min Scan# 4974
Delta R.T. -0.012 min
Lab File: BM032536.D
Acq: 15 Oct 2021 21:28

Tgt Ion:	228	Resp:	17521
Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.9	23.9
226	29.1	22.4	33.6

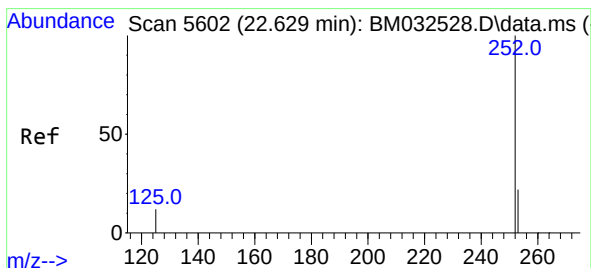
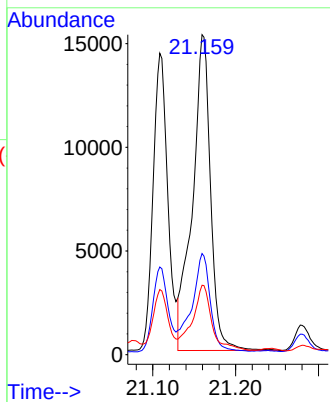
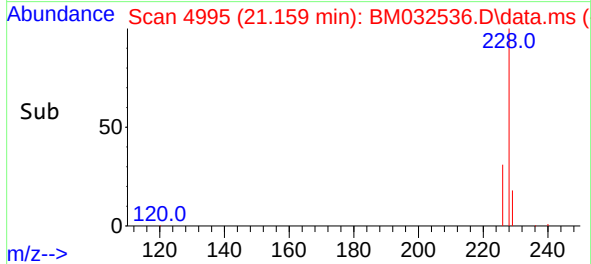




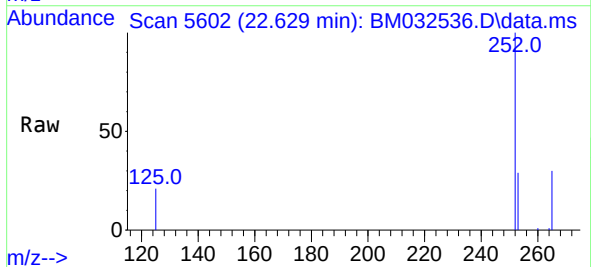
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Chrysene
Concen: 0.37 ng/u1
RT: 21.159 min Scan# 4995
Delta R.T. -0.012 min
Lab File: BM032536.D
Acq: 15 Oct 2021 21:28



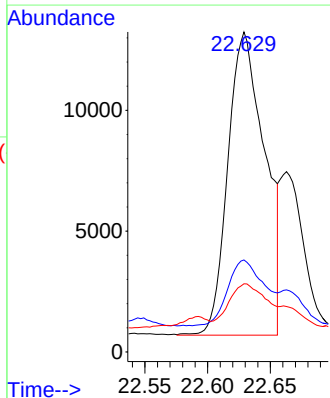
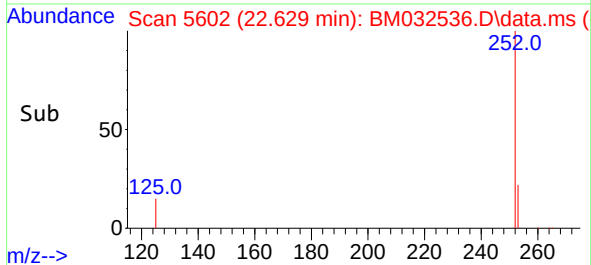
Tgt Ion:	228	Resp:	23121
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.1	37.7
229	21.7	15.7	23.5



#24
Benzo(b)fluoranthene
Concen: 0.47 ng/u1 m
RT: 22.629 min Scan# 5602
Delta R.T. -0.014 min
Lab File: BM032536.D
Acq: 15 Oct 2021 21:28



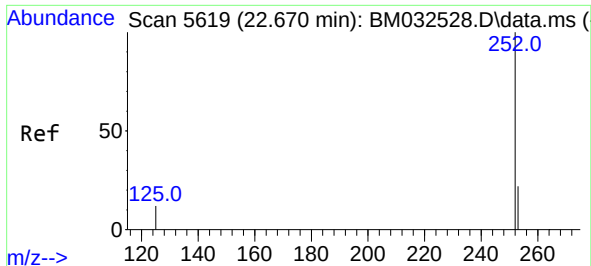
Tgt Ion:	252	Resp:	25626
Ion Ratio	Lower	Upper	
252	100		
253	28.8	0.0	53.8
125	21.3	0.0	35.6



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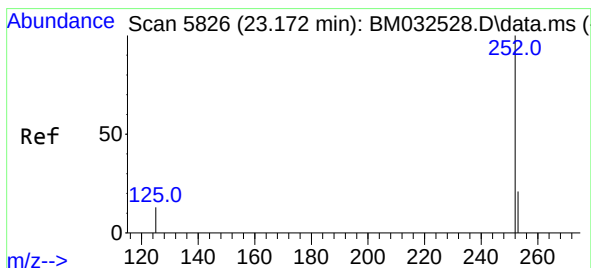
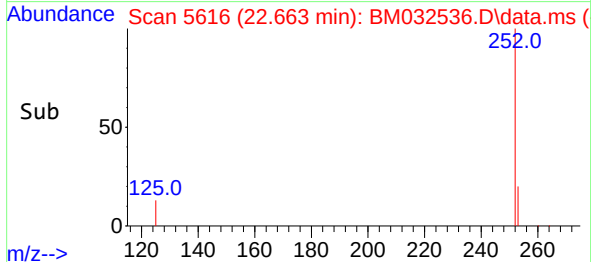
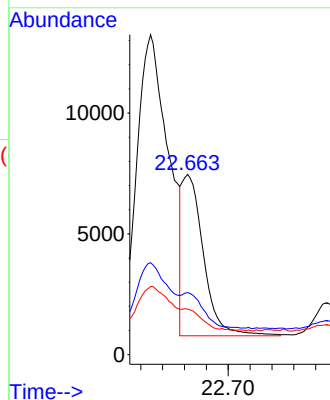
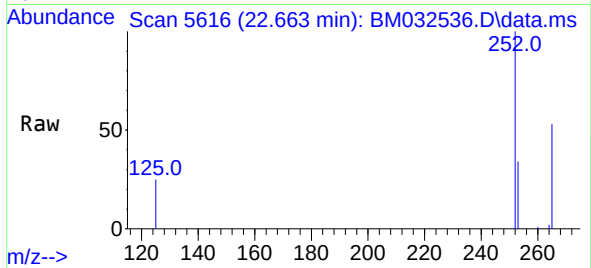
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Benzo(k)fluoranthene
Concen: 0.17 ng/ul m
RT: 22.663 min Scan# 5616
Delta R.T. -0.022 min
Lab File: BM032536.D
Acq: 15 Oct 2021 21:28

Tgt Ion:252	Resp:	9100
Ion Ratio	Lower	Upper
252	100	
253	34.4	21.8 32.6#
125	25.2	14.4 21.6#

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BNA_M
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C00R3

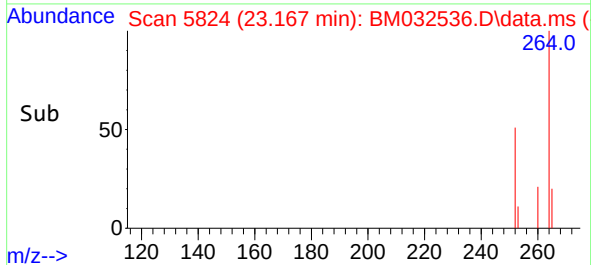
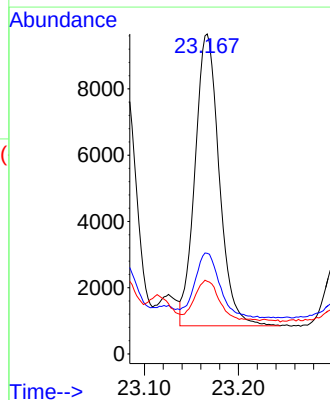
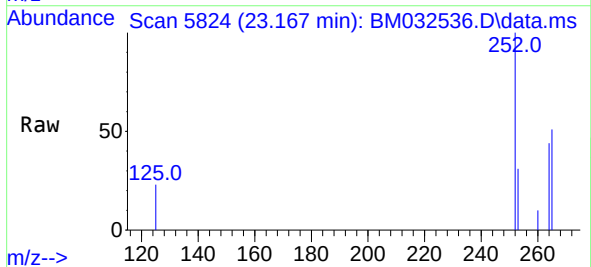
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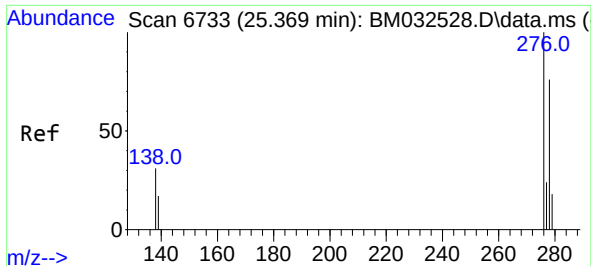
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#26
Benzo(a)pyrene
Concen: 0.34 ng/ul
RT: 23.167 min Scan# 5824
Delta R.T. -0.017 min
Lab File: BM032536.D
Acq: 15 Oct 2021 21:28

Tgt Ion:252	Resp:	15753
Ion Ratio	Lower	Upper
252	100	
253	31.5	23.6 35.4
125	22.7	17.1 25.7





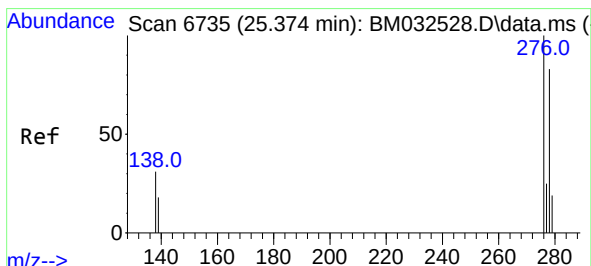
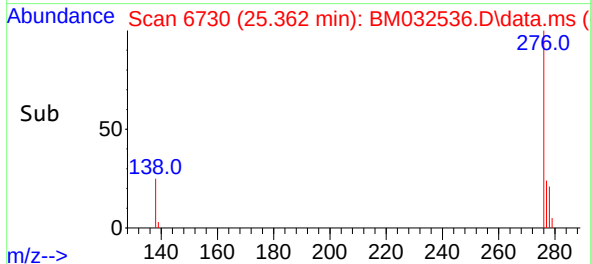
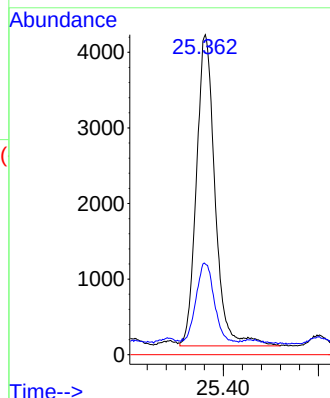
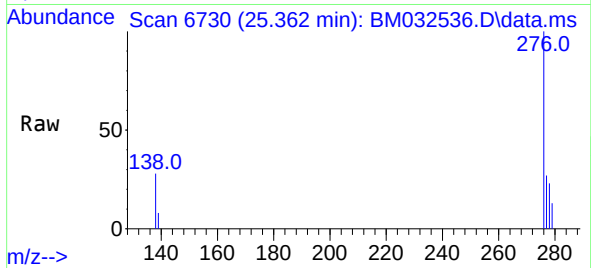
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.20 ng/ul
RT: 25.362 min Scan# 6730
Delta R.T. -0.024 min
Lab File: BM032536.D
Acq: 15 Oct 2021 21:28

Tgt Ion: 276 Resp: 11177
Ion Ratio Lower Upper
276 100
138 25.4 24.9 37.3
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampled :
C00R3

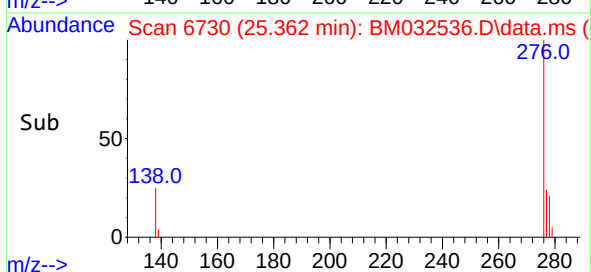
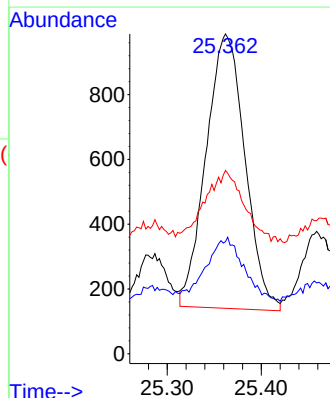
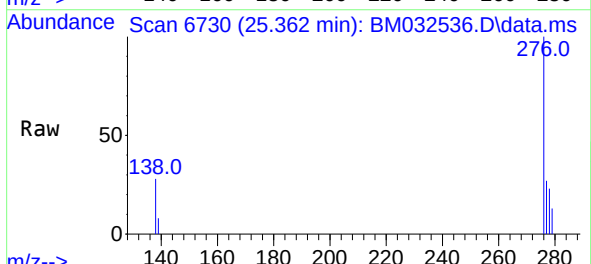
Manual Integrations
APPROVED

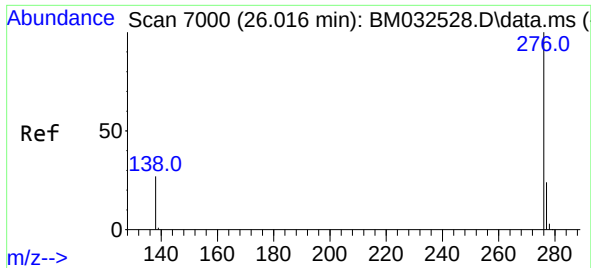
mohammad
10/18/2021 12:41:55 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.06 ng/ul
RT: 25.362 min Scan# 6730
Delta R.T. -0.031 min
Lab File: BM032536.D
Acq: 15 Oct 2021 21:28

Tgt Ion: 278 Resp: 2435
Ion Ratio Lower Upper
278 100
139 35.1 18.6 28.0#
279 57.3 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.23 ng/ul
RT: 26.006 min Scan# 6996
Delta R.T. -0.024 min
Lab File: BM032536.D
Acq: 15 Oct 2021 21:28

Tgt Ion:	276	Resp:	10963
Ion Ratio	Lower	Upper	
276	100		
138	29.9	22.6	33.8
277	26.3	19.9	29.9

Instrument :
BNA_M
ClientSampleId :
C00R3

Manual Integrations
APPROVED

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