

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032533.D
 Acq On : 15 Oct 2021 19:37
 Operator : CG/JU
 Sample : M4029-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00R4

Manual Integrations
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mohammad
 10/18/2021 12:41:45 PM

Quant Time: Oct 18 04:07:41 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	7.557	152	6405	0.40	ng/ul	0.00
4) Naphthalene-d8	10.340	136	20698	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.214	164	10898	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	22018	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.128	240	16834	0.40	ng/ul	0.00
23) Perylene-d12	23.263	264	13336	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.924	96	8103	1.13	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.937	152	4140	0.15	ng/ul	0.00
18) Fluoranthene-d10	18.974	212	8951	0.17	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.390	128	6379	0.10	ng/ul	97
7) 2-Methylnaphthalene	12.013	142	3476	0.08	ng/ul	100
8) 1-Methylnaphthalene	12.234	142	1985	0.05	ng/ul	100
10) Acenaphthylene	13.929	152	1395	0.03	ng/ul#	90
11) Acenaphthene	14.275	153	865	0.02	ng/ul	96
12) Fluorene	15.261	166	1305	0.03	ng/ul#	95
15) Phenanthrene	16.989	178	16972	0.23	ng/ul	100
16) Anthracene	17.079	178	2311	0.04	ng/ul#	94
19) Fluoranthene	19.005	202	43427	0.52	ng/ul	100
20) Pyrene	19.367	202	38809	0.45	ng/ul	100
21) Benzo(a)anthracene	21.111	228	14333	0.22	ng/ul	97
22) Chrysene	21.161	228	20609	0.28	ng/ul	98
24) Benzo(b)fluoranthene	22.629	252	23656m	0.38	ng/ul	
25) Benzo(k)fluoranthene	22.667	252	7707m	0.13	ng/ul	
26) Benzo(a)pyrene	23.169	252	12978	0.25	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.369	276	8264	0.13	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.364	278	1919	0.04	ng/ul#	47
29) Benzo(g,h,i)perylene	26.009	276	7936	0.14	ng/ul	96

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

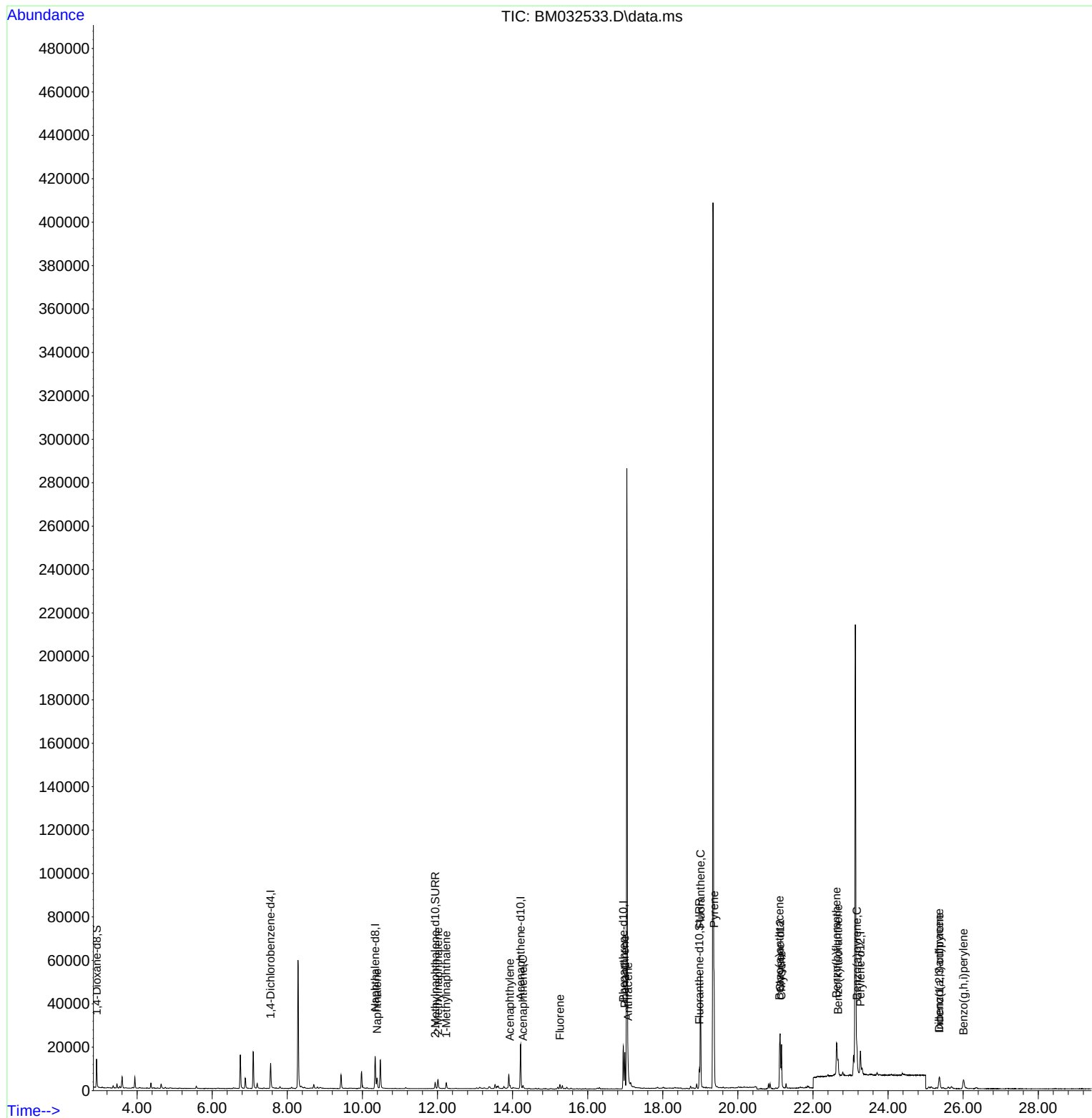
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Data File : BM032533.D
Acq On : 15 Oct 2021 19:37
Operator : CG/JU
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ALS Vial : 18 Sample Multiplier: 1

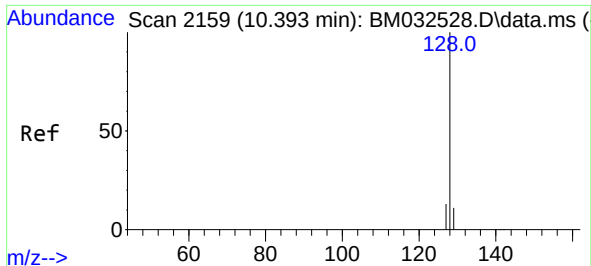
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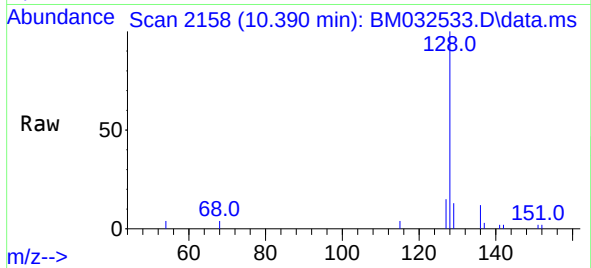
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Quant Time: Oct 18 04:07:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 12:37:00 2021
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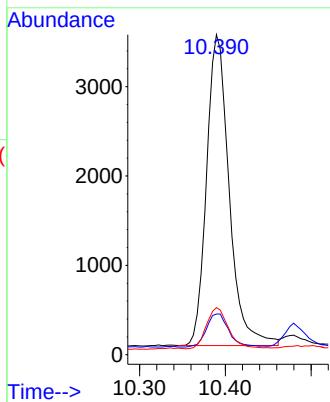
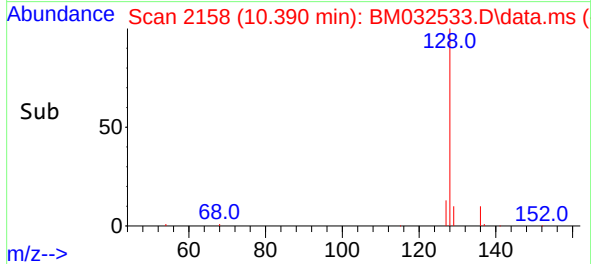




#5
Naphthalene
Concen: 0.10 ng/ul
RT: 10.390 min Scan# 2158
Delta R.T. -0.003 min
Lab File: BM032533.D
Acq: 15 Oct 2021 19:37



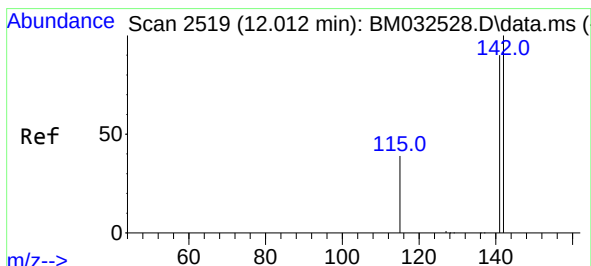
Tgt Ion:128 Resp: 6379
Ion Ratio Lower Upper
128 100
129 12.7 9.1 13.7
127 14.7 11.1 16.7



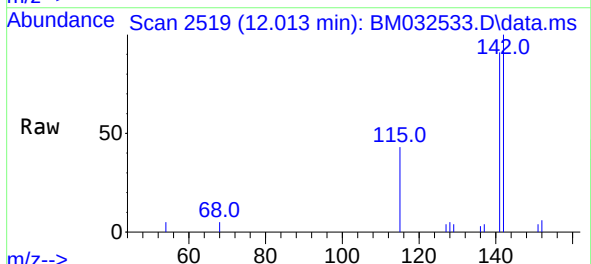
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BNA_M
ClientSampleId :
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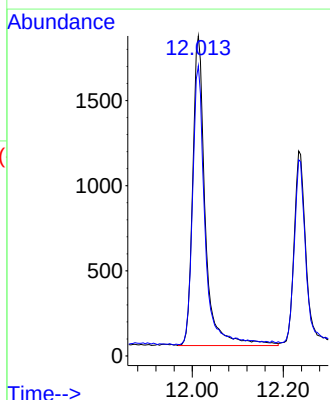
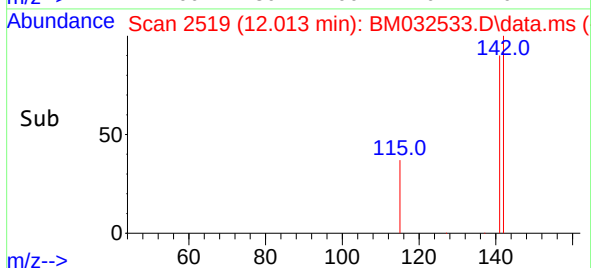
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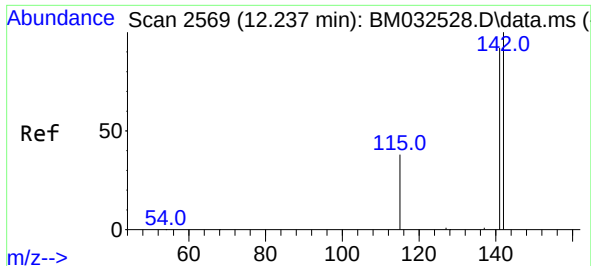


#7
2-Methylnaphthalene
Concen: 0.08 ng/ul
RT: 12.013 min Scan# 2519
Delta R.T. 0.001 min
Lab File: BM032533.D
Acq: 15 Oct 2021 19:37



Tgt Ion:142 Resp: 3476
Ion Ratio Lower Upper
142 100
141 90.0 72.2 108.2





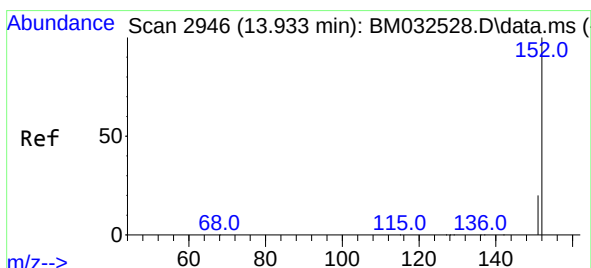
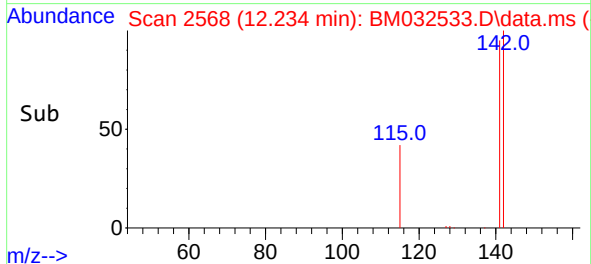
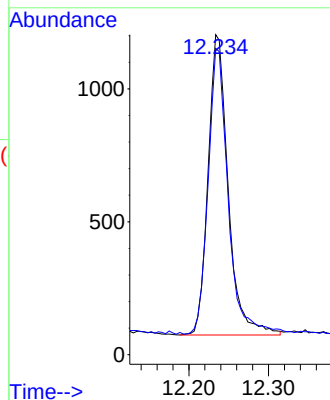
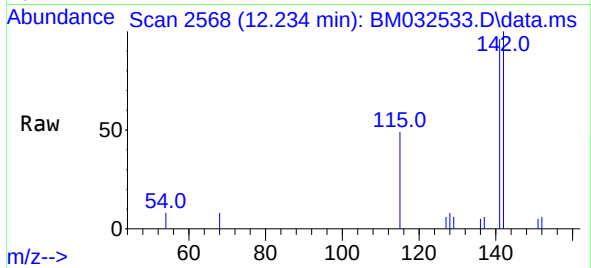
#8
1-Methylnaphthalene
Concen: 0.05 ng/ul
RT: 12.234 min Scan# 2568
Delta R.T. -0.003 min
Lab File: BM032533.D
Acq: 15 Oct 2021 19:37

Tgt Ion:142 Resp: 1985
Ion Ratio Lower Upper
142 100
141 94.0 74.9 112.3

Instrument :
BNA_M
ClientSampled :
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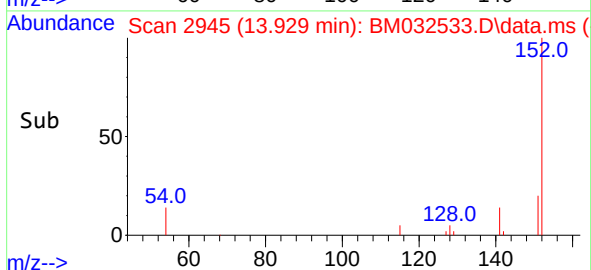
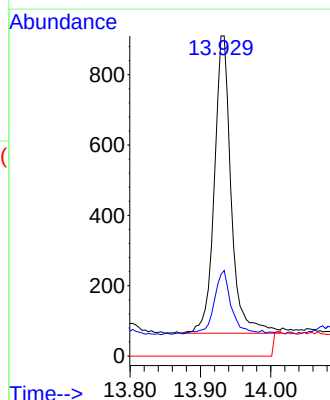
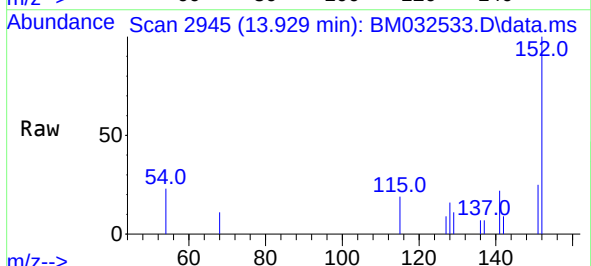
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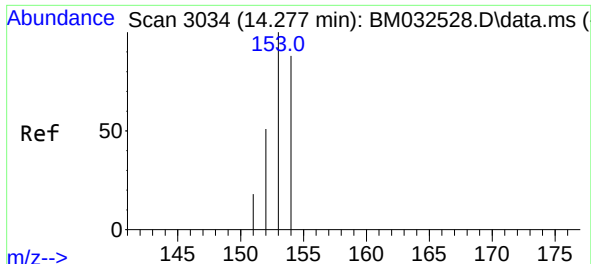
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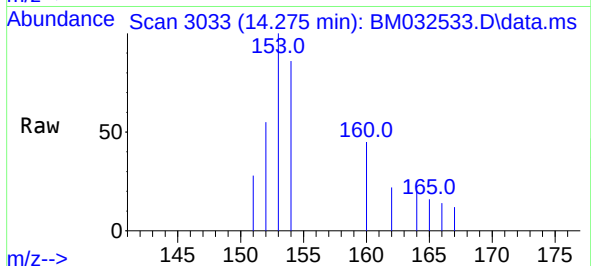
#10
Acenaphthylene
Concen: 0.03 ng/ul
RT: 13.929 min Scan# 2945
Delta R.T. -0.003 min
Lab File: BM032533.D
Acq: 15 Oct 2021 19:37

Tgt Ion:152 Resp: 1395
Ion Ratio Lower Upper
152 100
151 25.5 16.7 25.1#
153 0.0 0.0 0.0

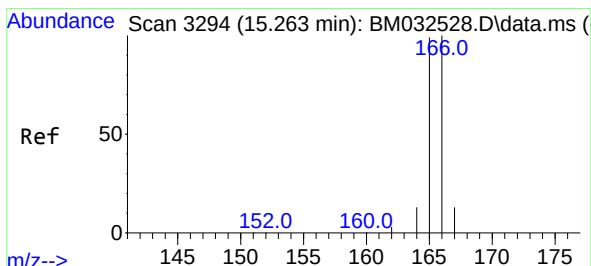
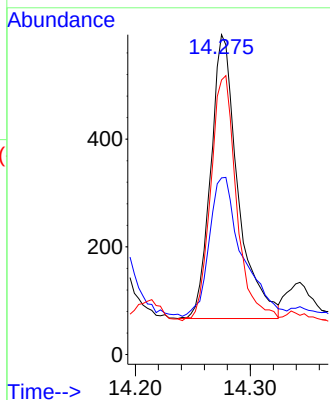
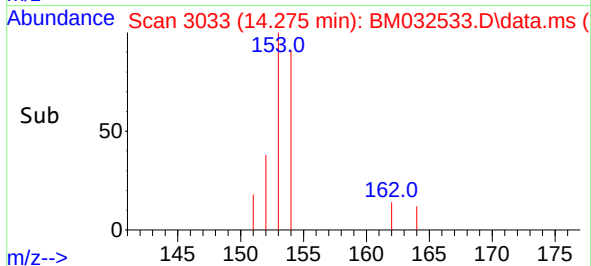




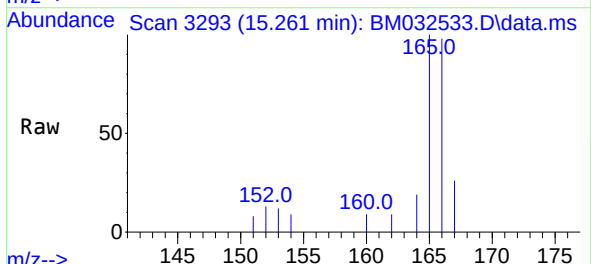
#11
Acenaphthene
Concen: 0.02 ng/ul
RT: 14.275 min Scan# 3033
Delta R.T. -0.003 min
Lab File: BM032533.D
Acq: 15 Oct 2021 19:37



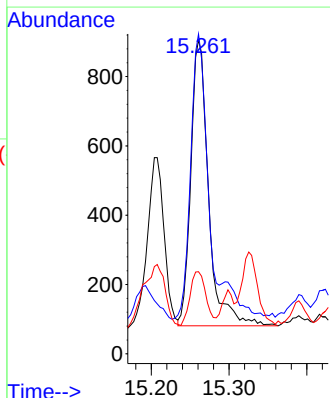
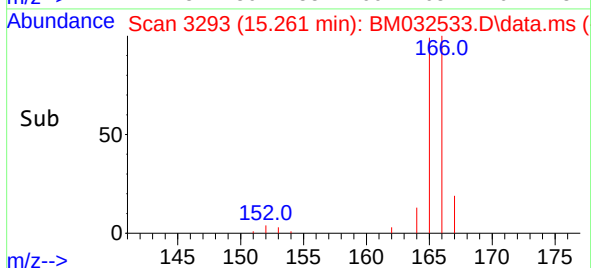
Tgt Ion:153 Resp: 865
Ion Ratio Lower Upper
153 100
152 55.2 40.4 60.6
154 85.9 70.8 106.2



#12
Fluorene
Concen: 0.03 ng/ul
RT: 15.261 min Scan# 3293
Delta R.T. -0.003 min
Lab File: BM032533.D
Acq: 15 Oct 2021 19:37



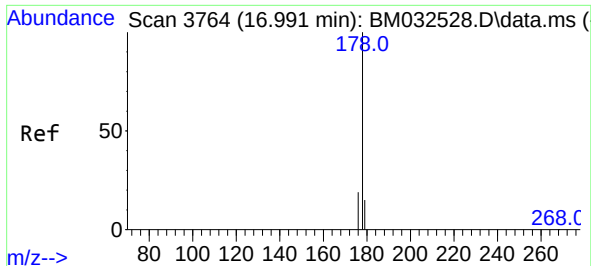
Tgt Ion:166 Resp: 1305
Ion Ratio Lower Upper
166 100
165 102.0 80.7 121.1
167 26.2 11.2 16.8#



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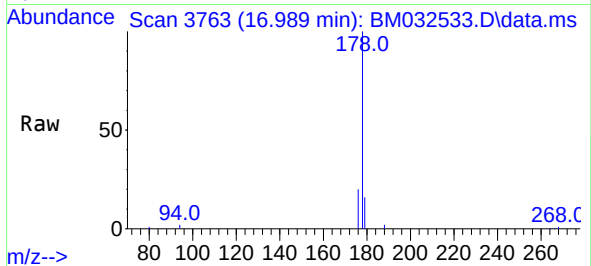
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#15
Phenanthrene
Concen: 0.23 ng/ul
RT: 16.989 min Scan# 3763
Delta R.T. -0.006 min
Lab File: BM032533.D
Acq: 15 Oct 2021 19:37

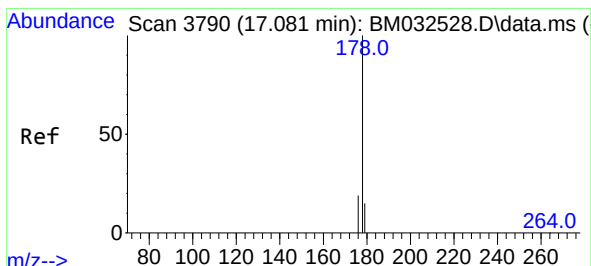
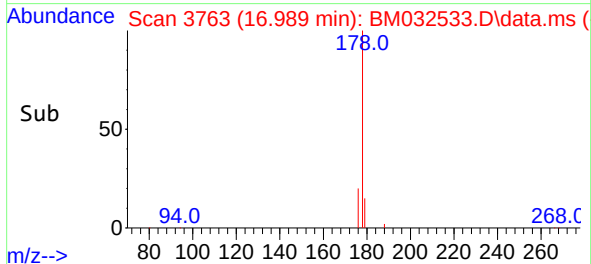
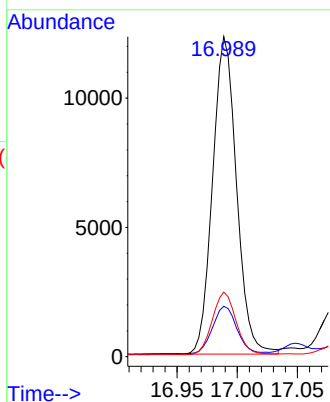
Instrument :
BNA_M
ClientSampled :
C00R4



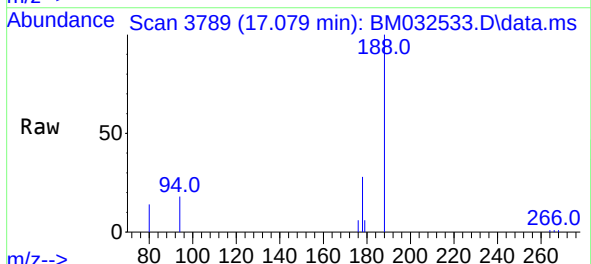
Tgt Ion:178 Resp: 16972
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 20.2 16.1 24.1

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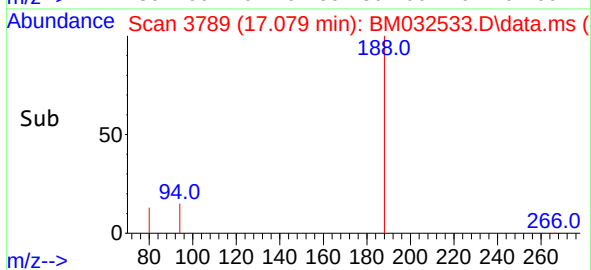
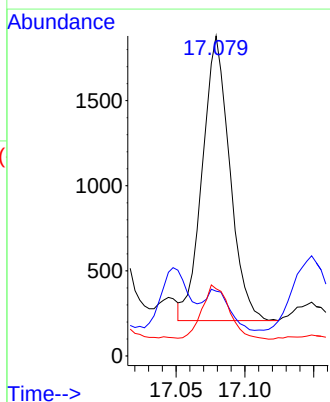
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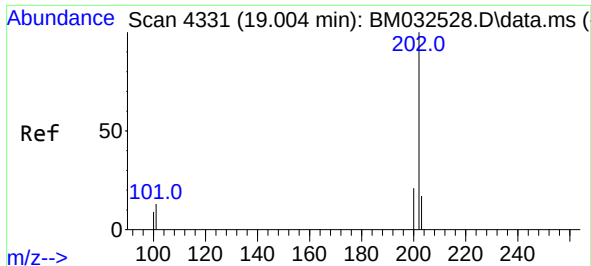


#16
Anthracene
Concen: 0.04 ng/ul
RT: 17.079 min Scan# 3789
Delta R.T. -0.006 min
Lab File: BM032533.D
Acq: 15 Oct 2021 19:37



Tgt Ion:178 Resp: 2311
Ion Ratio Lower Upper
178 100
179 20.3 12.9 19.3#
176 21.0 15.8 23.6





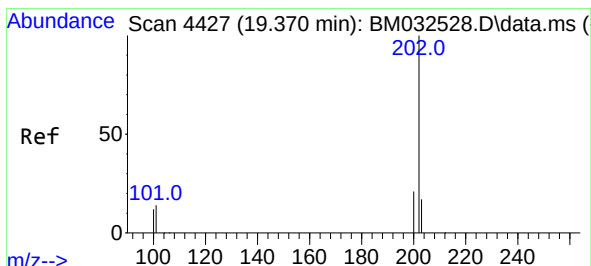
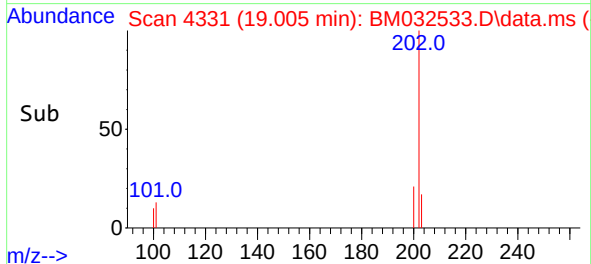
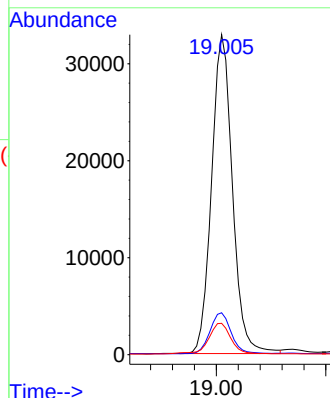
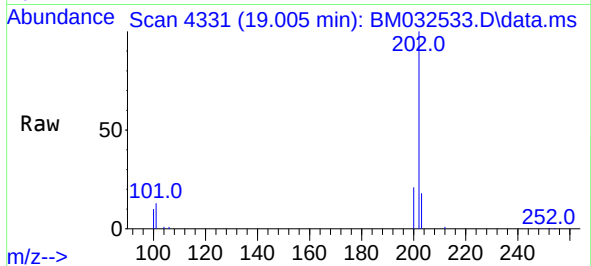
#19
Fluoranthene
Concen: 0.52 ng/ul
RT: 19.005 min Scan# 4331
Delta R.T. -0.006 min
Lab File: BM032533.D
Acq: 15 Oct 2021 19:37

Tgt Ion:202	Resp:	43427
Ion Ratio	Lower	Upper
202	100	
101	13.1	10.6 16.0
100	9.8	7.8 11.8

Instrument :
BNA_M
ClientSampled :
C00R4

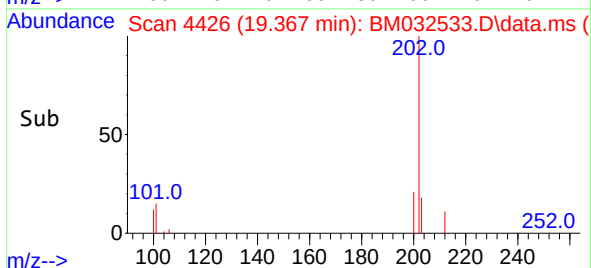
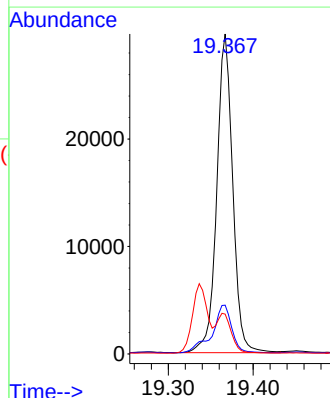
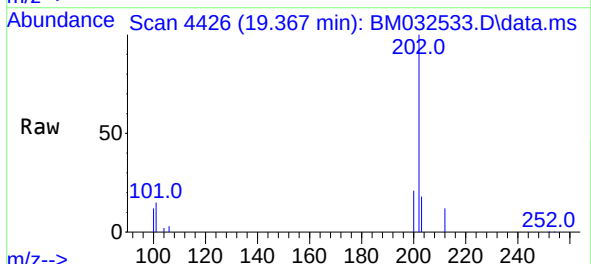
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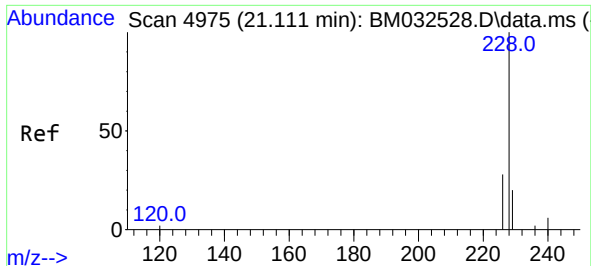
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#20
Pyrene
Concen: 0.45 ng/ul
RT: 19.367 min Scan# 4426
Delta R.T. -0.006 min
Lab File: BM032533.D
Acq: 15 Oct 2021 19:37

Tgt Ion:202	Resp:	38809
Ion Ratio	Lower	Upper
202	100	
101	15.2	12.3 18.5
100	12.4	10.1 15.1





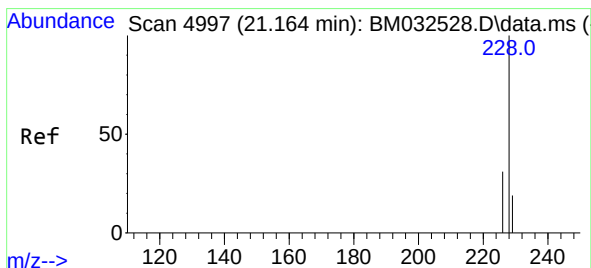
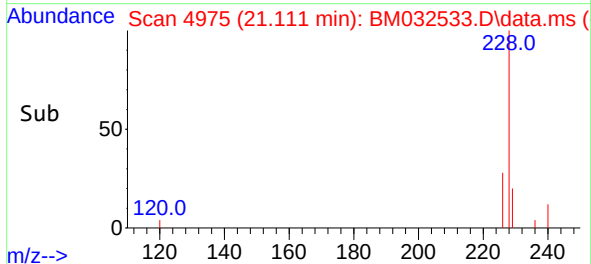
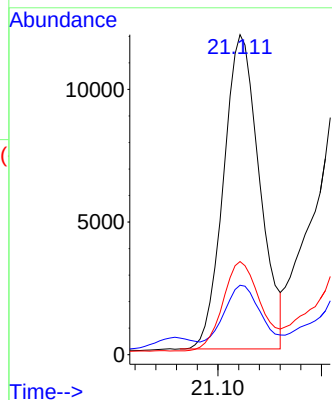
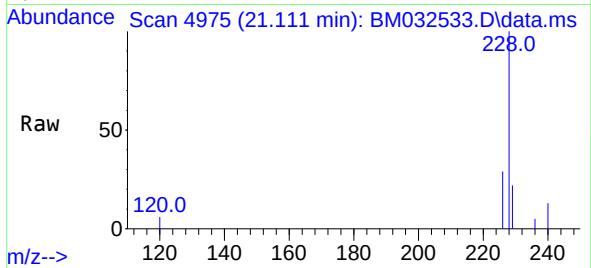
#21
Benzo(a)anthracene
Concen: 0.22 ng/u1
RT: 21.111 min Scan# 4975
Delta R.T. -0.010 min
Lab File: BM032533.D
Acq: 15 Oct 2021 19:37

Tgt Ion:	228	Resp:	14333
Ion Ratio	Lower	Upper	
228	100		
229	21.7	15.9	23.9
226	29.1	22.4	33.6

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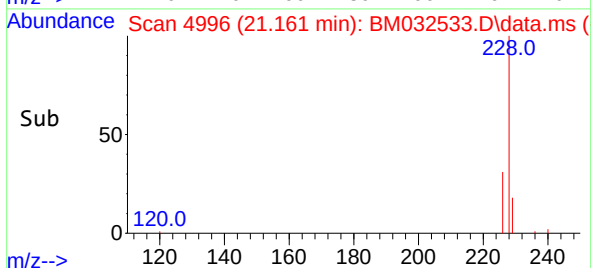
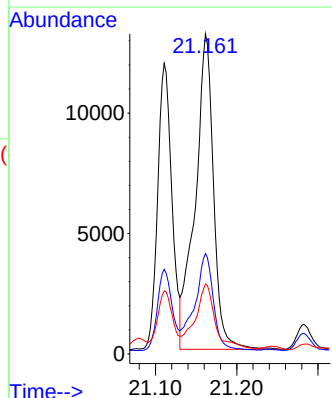
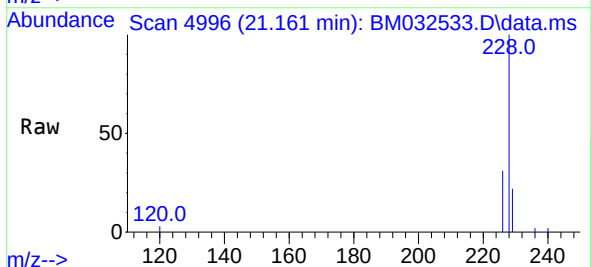
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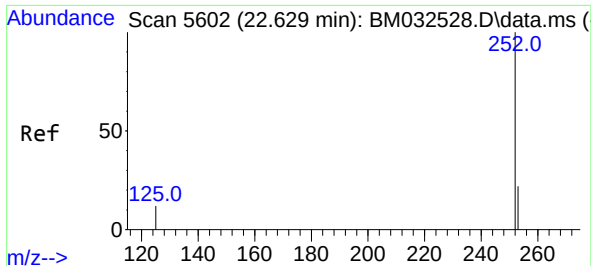
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#22
Chrysene
Concen: 0.28 ng/u1
RT: 21.161 min Scan# 4996
Delta R.T. -0.010 min
Lab File: BM032533.D
Acq: 15 Oct 2021 19:37

Tgt Ion:	228	Resp:	20609
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.1	37.7
229	21.9	15.7	23.5





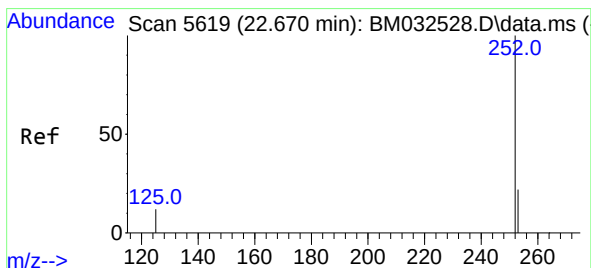
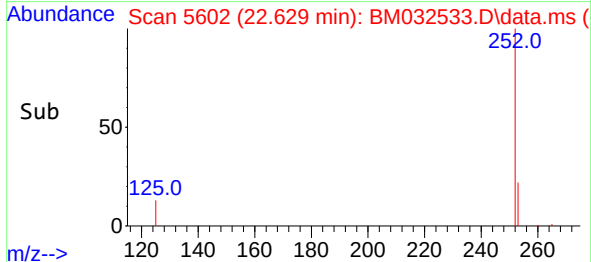
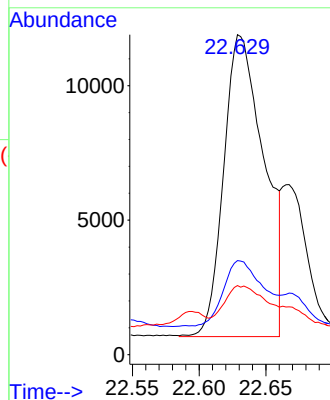
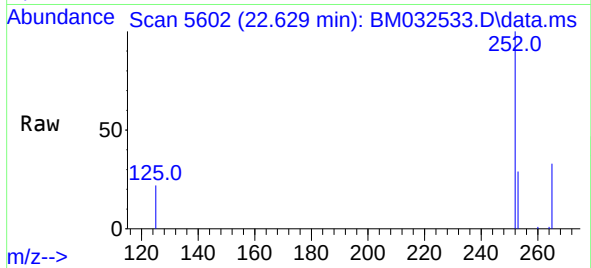
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Benzo(b)fluoranthene
Concen: 0.38 ng/ul m
RT: 22.629 min Scan# 5602
Delta R.T. -0.015 min
Lab File: BM032533.D
Acq: 15 Oct 2021 19:37

Tgt Ion:252	Resp:	23656
Ion Ratio	Lower	Upper
252	100	
253	29.4	0.0 53.8
125	21.6	0.0 35.6

Instrument :
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ClientSampleId :
C00R4

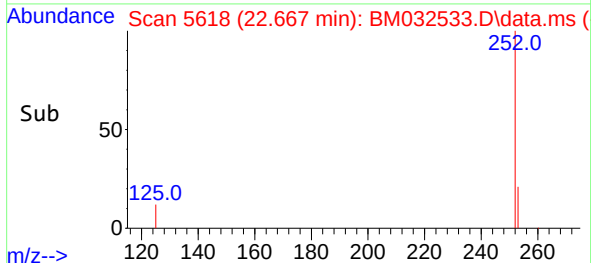
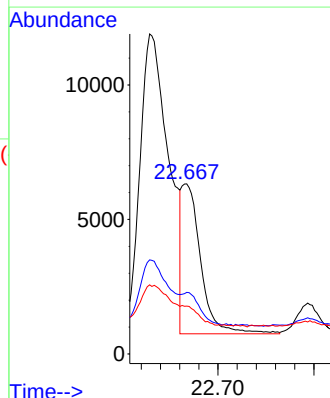
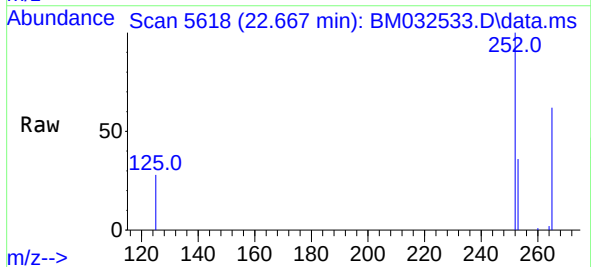
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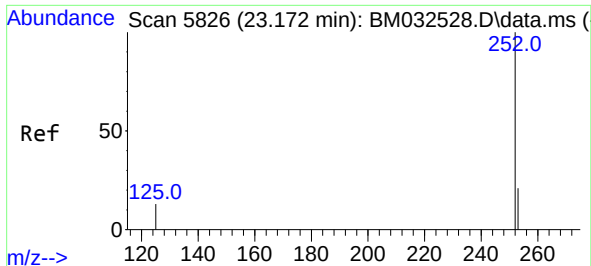
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#25
Benzo(k)fluoranthene
Concen: 0.13 ng/ul m
RT: 22.667 min Scan# 5618
Delta R.T. -0.017 min
Lab File: BM032533.D
Acq: 15 Oct 2021 19:37

Tgt Ion:252	Resp:	7707
Ion Ratio	Lower	Upper
252	100	
253	36.2	21.8 32.6#
125	28.1	14.4 21.6#





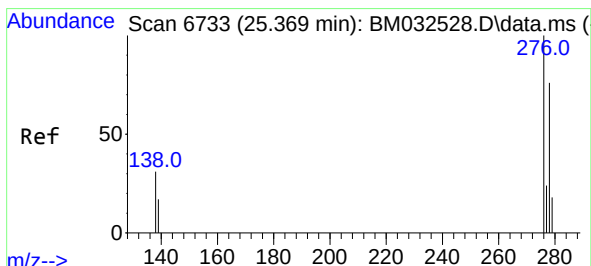
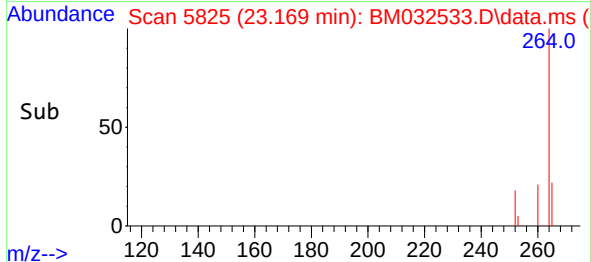
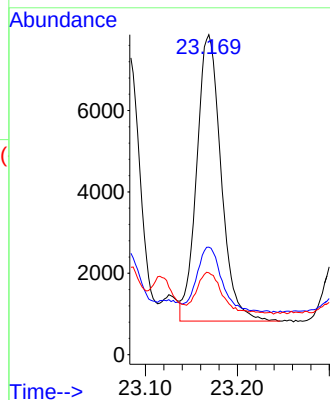
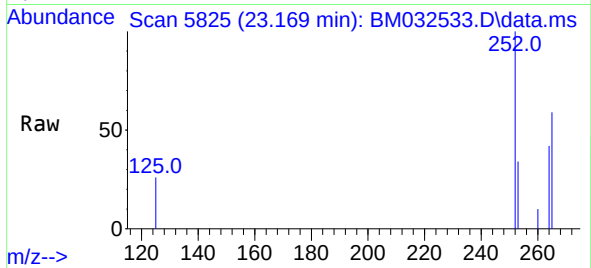
#26
Benzo(a)pyrene
Concen: 0.25 ng/u1
RT: 23.169 min Scan# 5825
Delta R.T. -0.015 min
Lab File: BM032533.D
Acq: 15 Oct 2021 19:37

Tgt Ion:	252	Resp:	12978
Ion Ratio	Lower	Upper	
252	100		
253	33.6	23.6	35.4
125	25.6	17.1	25.7

Instrument :
BNA_M
ClientSampleId :
C00R4

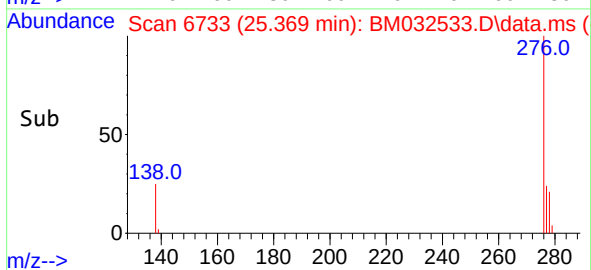
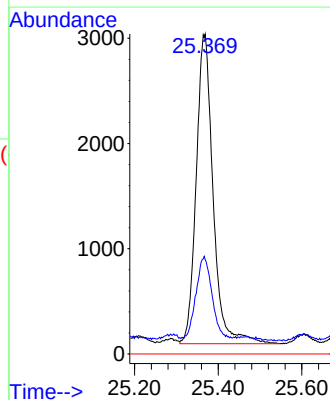
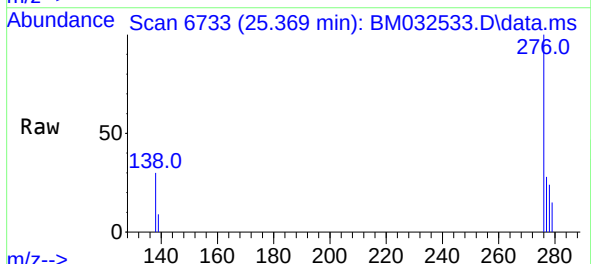
Manual Integrations
APPROVED

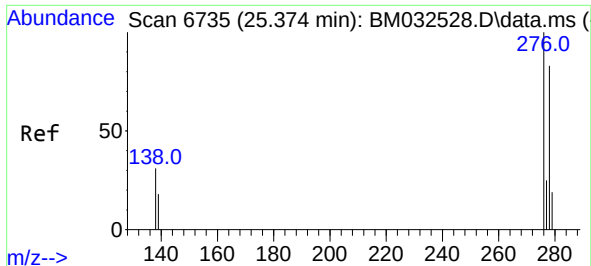
mohammad
10/18/2021 12:41:45 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.13 ng/u1
RT: 25.369 min Scan# 6733
Delta R.T. -0.017 min
Lab File: BM032533.D
Acq: 15 Oct 2021 19:37

Tgt Ion:	276	Resp:	8264
Ion Ratio	Lower	Upper	
276	100		
138	24.8	24.9	37.3#
227	0.0	0.0	0.0





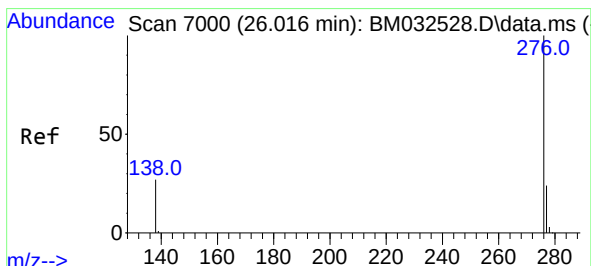
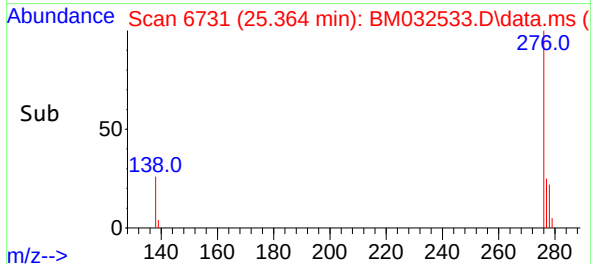
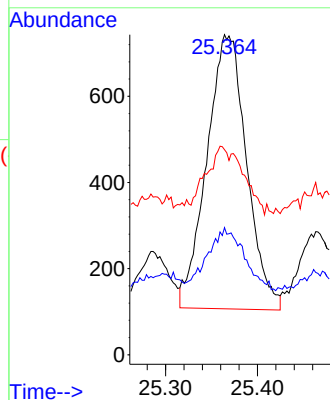
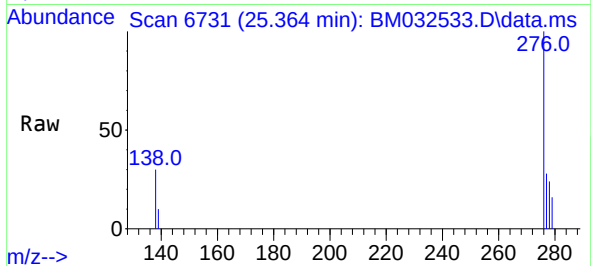
#28
Dibenzo(a,h)anthracene
Concen: 0.04 ng/ul
RT: 25.364 min Scan# 6731
Delta R.T. -0.029 min
Lab File: BM032533.D
Acq: 15 Oct 2021 19:37

Tgt Ion:278 Resp: 1919
Ion Ratio Lower Upper
278 100
139 39.7 18.6 28.0#
279 64.1 22.0 33.0#

Instrument :
BNA_M
ClientSampleId :
C00R4

Manual Integrations
APPROVED

mohammad
10/18/2021 12:41:45 PM



#29
Benzo(g,h,i)perylene
Concen: 0.14 ng/ul
RT: 26.009 min Scan# 6997
Delta R.T. -0.022 min
Lab File: BM032533.D
Acq: 15 Oct 2021 19:37

Tgt Ion:276 Resp: 7936
Ion Ratio Lower Upper
276 100
138 29.9 22.6 33.8
277 27.7 19.9 29.9

