

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
 Data File : BM032259.D
 Acq On : 29 Sep 2021 03:05
 Operator : CG/JU
 Sample : M3755-07
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AL2

Manual Integrations
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Quant Time: Sep 29 06:13:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 27 13:37:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	6518	0.400	ng/ul	0.00
4) Naphthalene-d8	10.447	136	19787	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.300	164	9062	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.026	188	16418	0.400	ng/ul	0.00
17) Chrysene-d12	21.186	240	13544	0.400	ng/ul	0.00
23) Perylene-d12	23.349	264	13090	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.986	96	16140	2.303	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.039	152	3667	0.139	ng/ul	0.00
18) Fluoranthene-d10	19.046	212	6712	0.182	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.497	128	9215	0.157	ng/ul	97
7) 2-Methylnaphthalene	12.111	142	5381	0.143	ng/ul	100
8) 1-Methylnaphthalene	12.332	142	4261	0.116	ng/ul	100
10) Acenaphthylene	14.016	152	2127	0.059	ng/ul#	85
11) Acenaphthene	14.361	153	1385	0.041	ng/ul	97
12) Fluorene	15.343	166	2378	0.063	ng/ul#	99
15) Phenanthrene	17.068	178	35375	0.662	ng/ul	100
16) Anthracene	17.154	178	8494	0.193	ng/ul	97
19) Fluoranthene	19.076	202	64667	1.144	ng/ul	100
20) Pyrene	19.435	202	58775	1.037	ng/ul	100
21) Benzo(a)anthracene	21.169	228	28455	0.594	ng/ul	98
22) Chrysene	21.222	228	30889	0.551	ng/ul	98
24) Benzo(b)fluoranthene	22.704	252	36978m	0.545	ng/ul	
25) Benzo(k)fluoranthene	22.738	252	15272m	0.233	ng/ul	
26) Benzo(a)pyrene	23.254	252	27265	0.534	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.488	276	16880	0.259	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.486	278	4814	0.091	ng/ul#	72
29) Benzo(g,h,i)perylene	26.145	276	15273	0.247	ng/ul	97

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

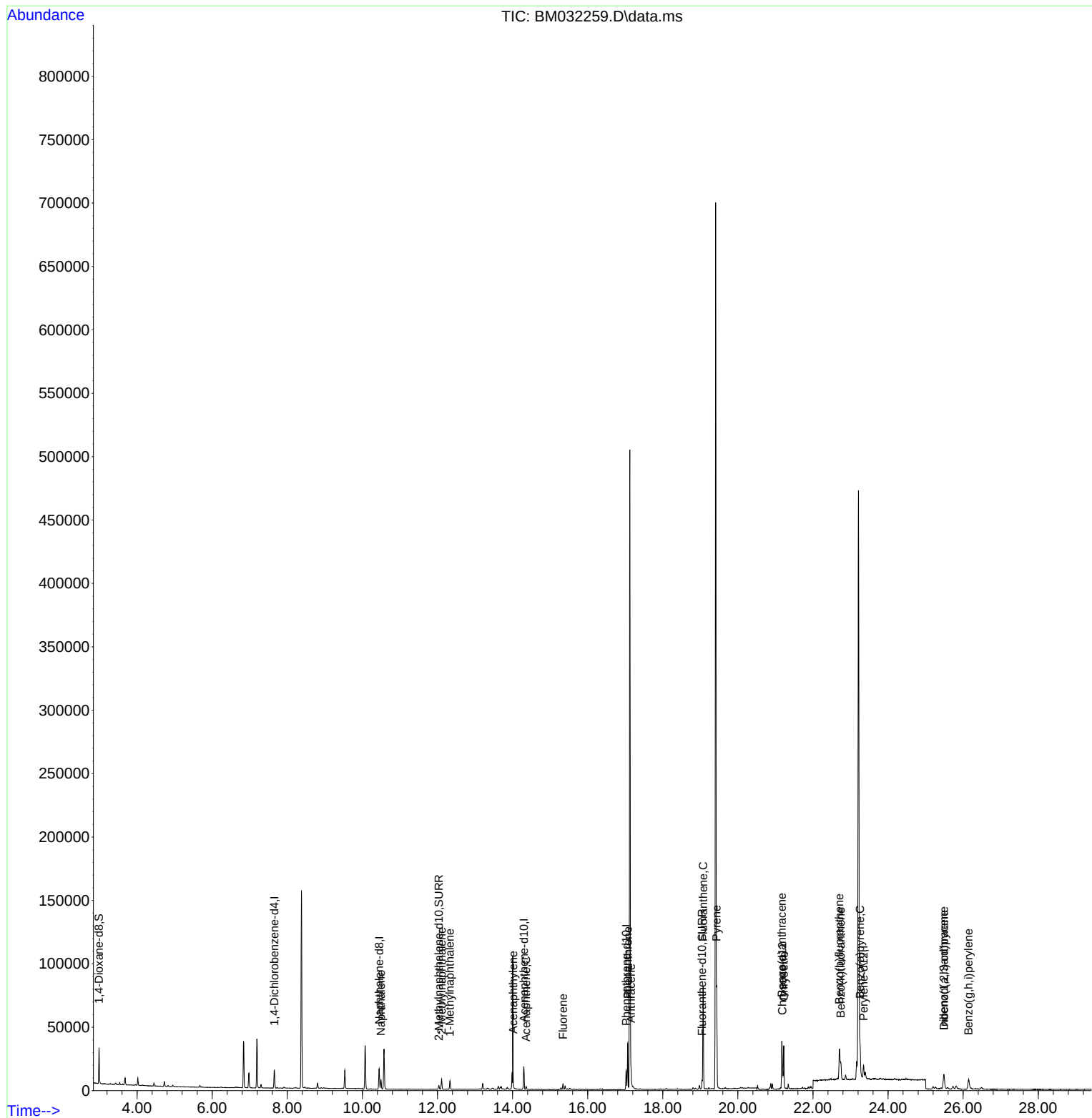
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
Data File : BM032259.D
Acq On : 29 Sep 2021 03:05
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Misc :
ALS Vial : 64 Sample Multiplier: 1

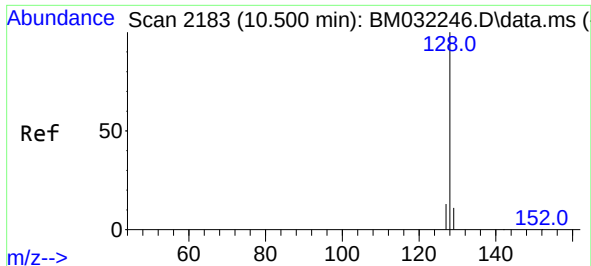
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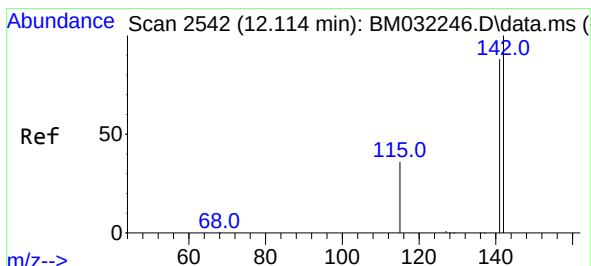
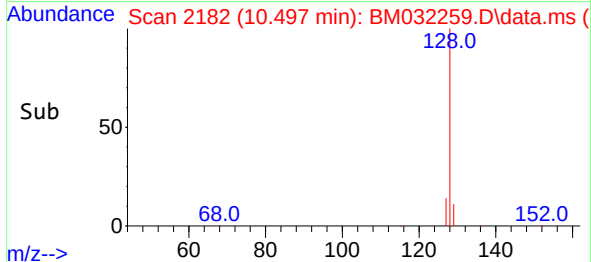
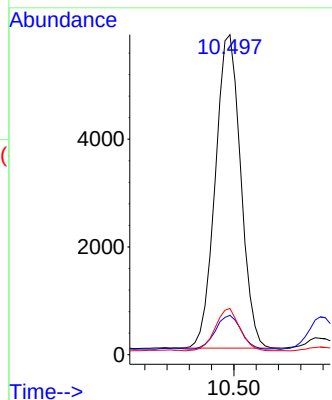
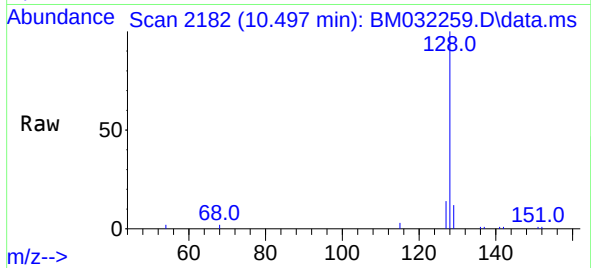
#5
Naphthalene
Concen: 0.157 ng/ul
RT: 10.497 min Scan# 2182
Delta R.T. -0.009 min
Lab File: BM032259.D
Acq: 29 Sep 2021 03:05

Tgt Ion:	128	Resp:	9215
Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.0	13.4
127	14.5	10.5	15.7

Instrument :
BNA_M
ClientSampled :
C0AL2

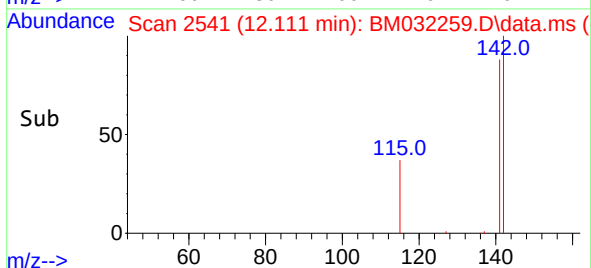
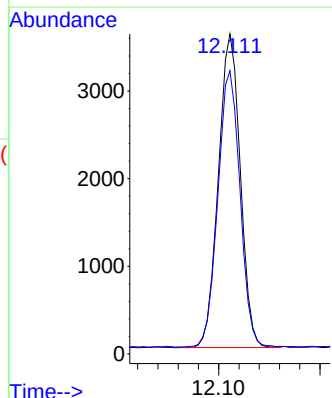
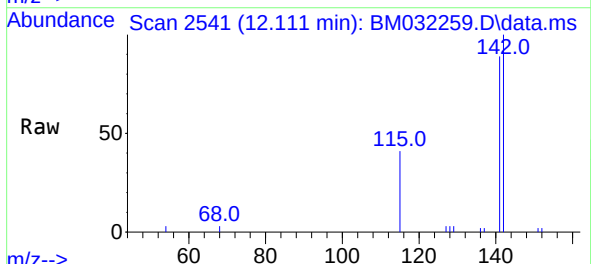
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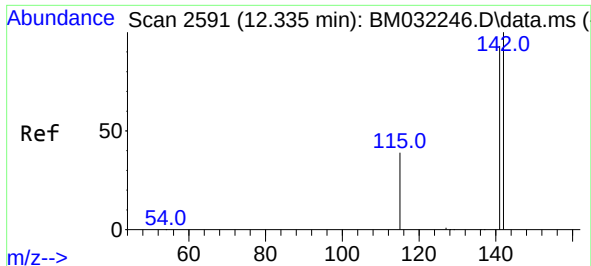
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#7
2-Methylnaphthalene
Concen: 0.143 ng/ul
RT: 12.111 min Scan# 2541
Delta R.T. -0.009 min
Lab File: BM032259.D
Acq: 29 Sep 2021 03:05

Tgt Ion:	142	Resp:	5381
Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8





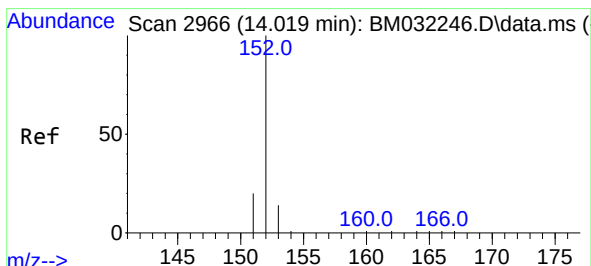
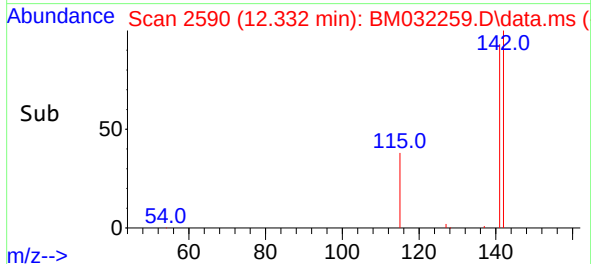
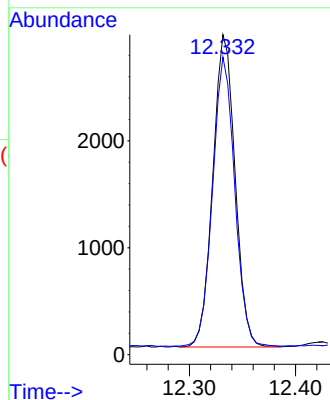
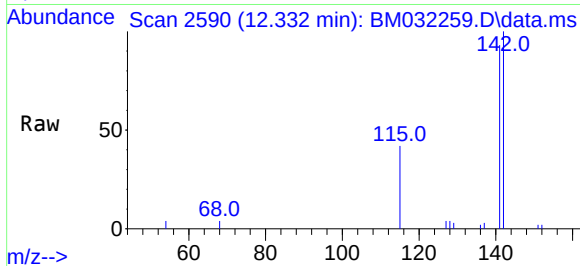
#8
1-Methylnaphthalene
Concen: 0.116 ng/ul
RT: 12.332 min Scan# 2590
Delta R.T. -0.009 min
Lab File: BM032259.D
Acq: 29 Sep 2021 03:05

Tgt Ion:142 Resp: 4261
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.6

Instrument :
BNA_M
ClientSampled :
C0AL2

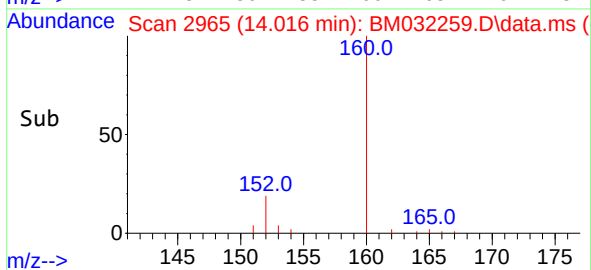
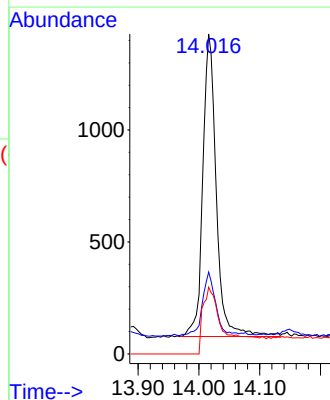
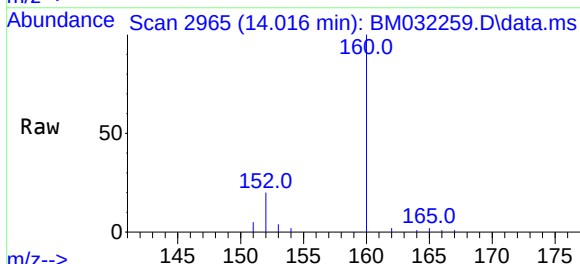
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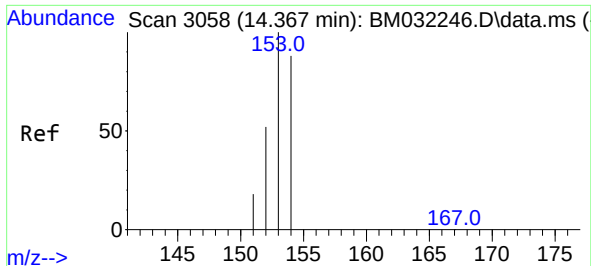
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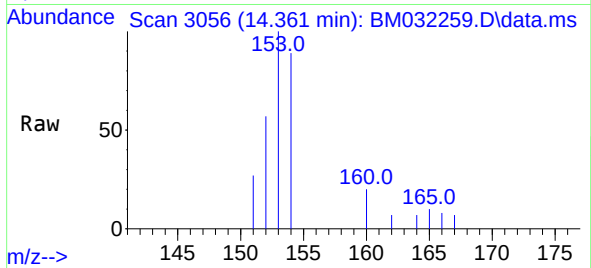
#10
Acenaphthylene
Concen: 0.059 ng/ul
RT: 14.016 min Scan# 2965
Delta R.T. -0.008 min
Lab File: BM032259.D
Acq: 29 Sep 2021 03:05

Tgt Ion:152 Resp: 2127
Ion Ratio Lower Upper
152 100
151 25.6 16.0 24.0#
153 20.9 10.7 16.1#

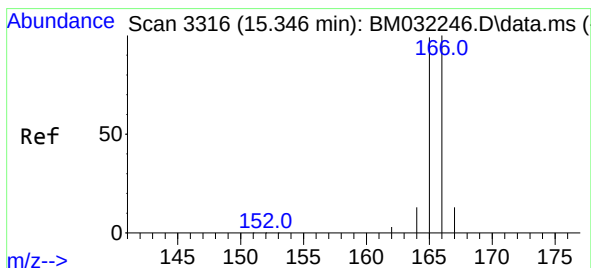
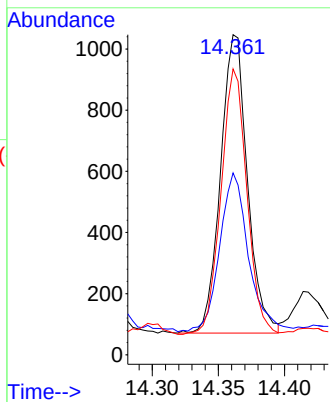
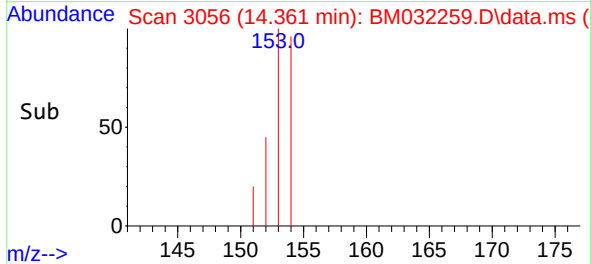




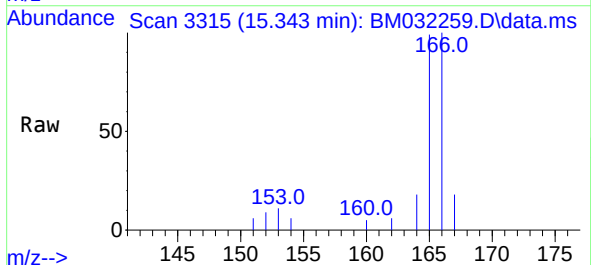
#11
Acenaphthene
Concen: 0.041 ng/u1
RT: 14.361 min Scan# 3056
Delta R.T. -0.008 min
Lab File: BM032259.D
Acq: 29 Sep 2021 03:05



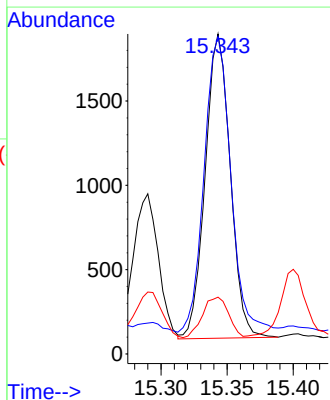
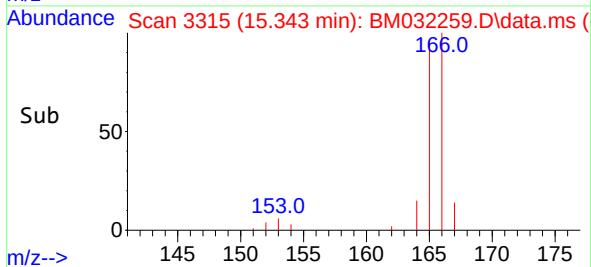
Tgt Ion:153 Resp: 1385
Ion Ratio Lower Upper
153 100
152 56.8 41.6 62.4
154 89.3 71.2 106.8



#12
Fluorene
Concen: 0.063 ng/u1
RT: 15.343 min Scan# 3315
Delta R.T. -0.008 min
Lab File: BM032259.D
Acq: 29 Sep 2021 03:05



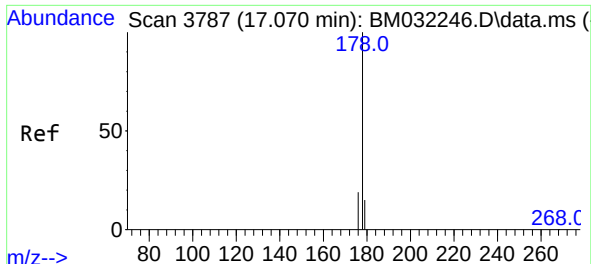
Tgt Ion:166 Resp: 2378
Ion Ratio Lower Upper
166 100
165 99.2 79.4 119.2
167 17.8 10.8 16.2#



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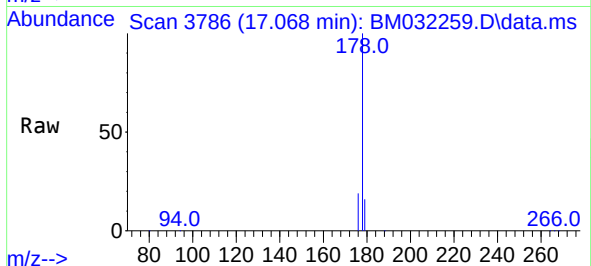
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#15
Phenanthrene
Concen: 0.662 ng/ul
RT: 17.068 min Scan# 3786
Delta R.T. -0.007 min
Lab File: BM032259.D
Acq: 29 Sep 2021 03:05

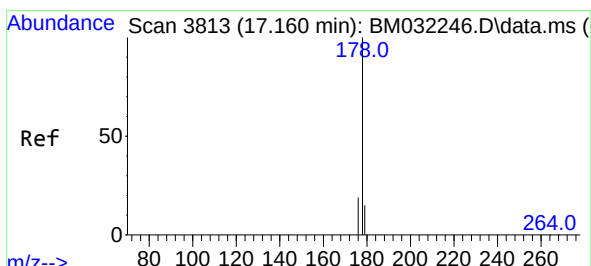
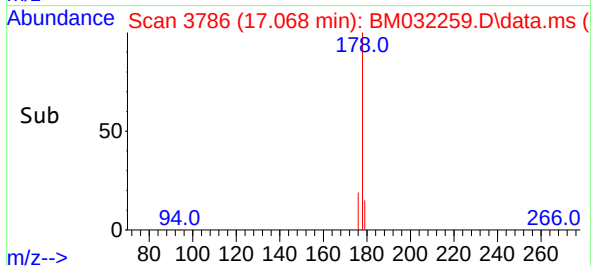
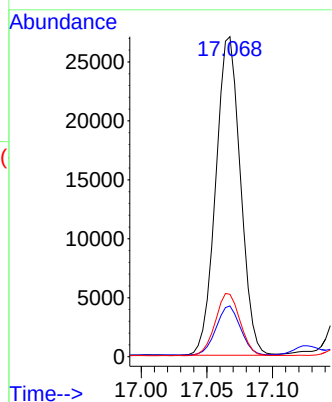
Instrument :
BNA_M
ClientSampled :
C0AL2



Tgt Ion:	178	Resp:	35375
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.6	18.8
176	19.5	15.8	23.6

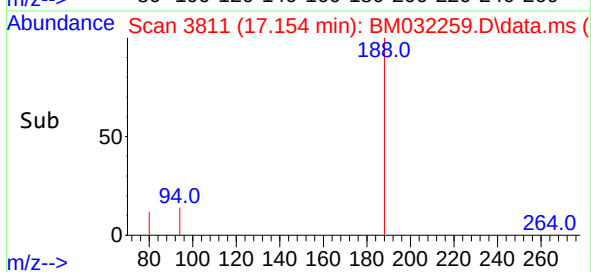
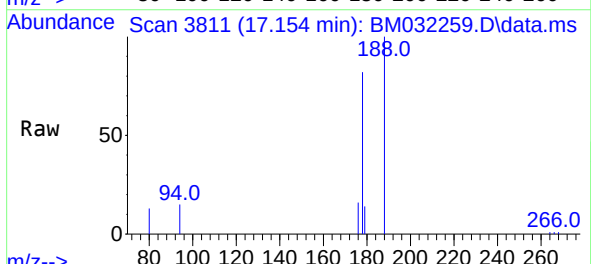
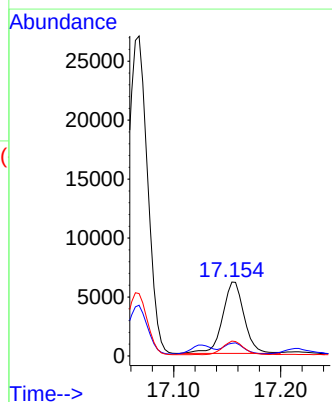
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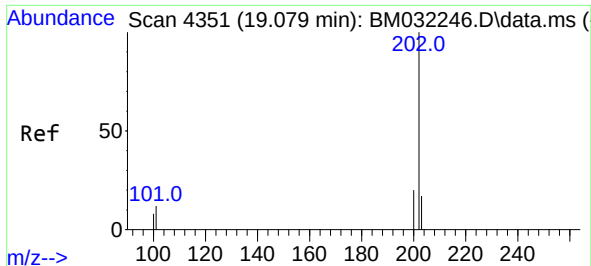
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#16
Anthracene
Concen: 0.193 ng/ul
RT: 17.154 min Scan# 3811
Delta R.T. -0.010 min
Lab File: BM032259.D
Acq: 29 Sep 2021 03:05

Tgt Ion:	178	Resp:	8494
Ion Ratio	Lower	Upper	
178	100		
179	17.2	12.7	19.1
176	20.1	15.3	22.9





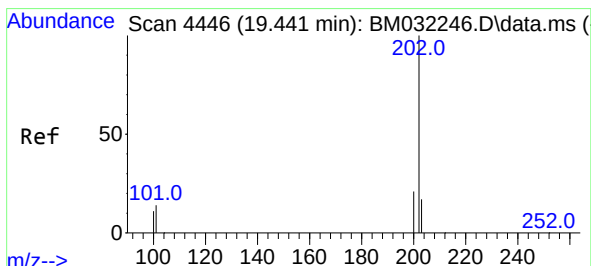
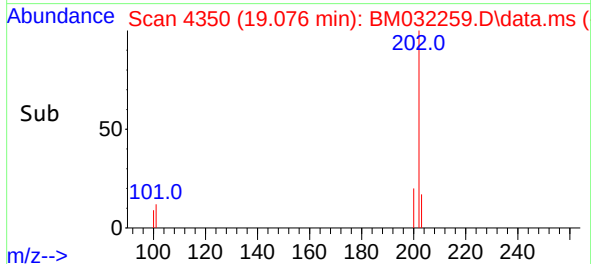
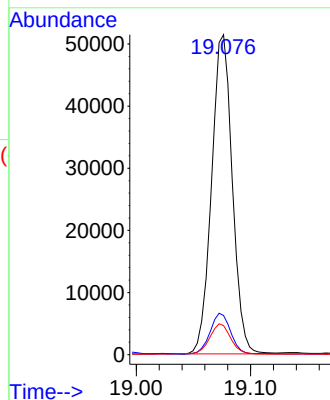
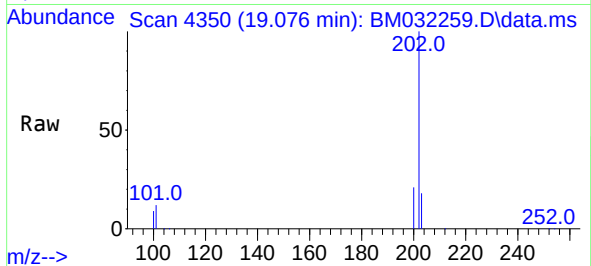
#19
Fluoranthene
Concen: 1.144 ng/ul
RT: 19.076 min Scan# 4350
Delta R.T. -0.008 min
Lab File: BM032259.D
Acq: 29 Sep 2021 03:05

Tgt Ion:202	Resp:	64667
Ion Ratio	Lower	Upper
202 100		
101 12.3	9.8	14.8
100 9.1	7.2	10.8

Instrument :
BNA_M
ClientSampled :
C0AL2

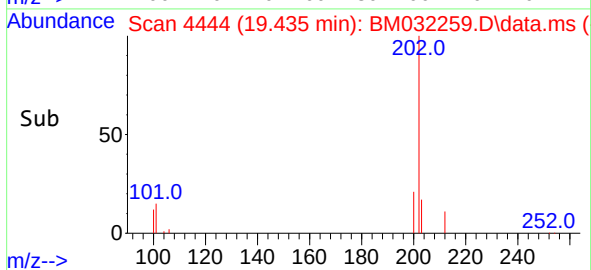
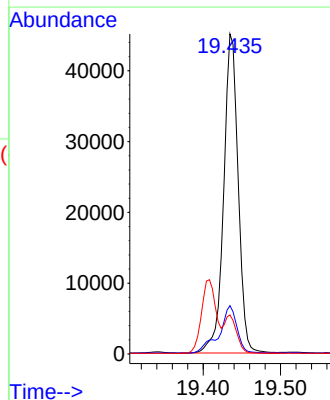
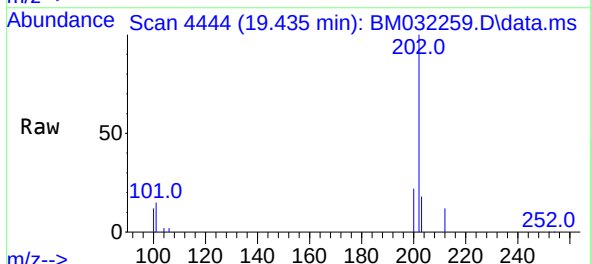
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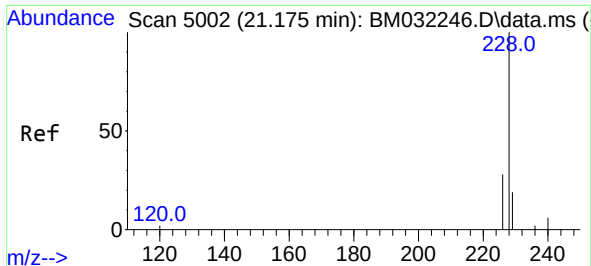
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#20
Pyrene
Concen: 1.037 ng/ul
RT: 19.435 min Scan# 4444
Delta R.T. -0.008 min
Lab File: BM032259.D
Acq: 29 Sep 2021 03:05

Tgt Ion:202	Resp:	58775
Ion Ratio	Lower	Upper
202 100		
101 15.1	12.1	18.1
100 12.2	9.8	14.6





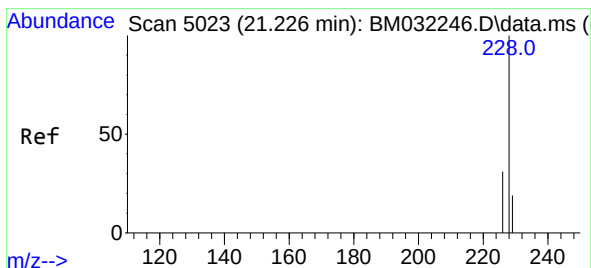
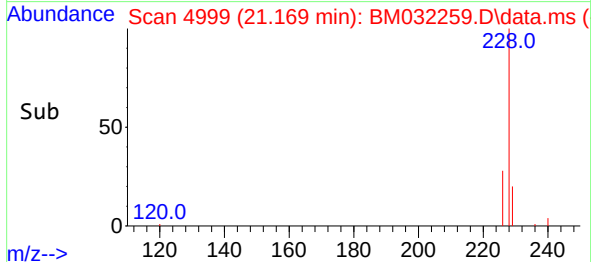
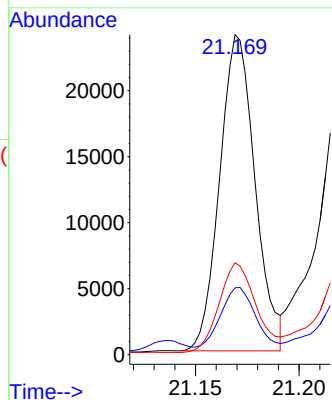
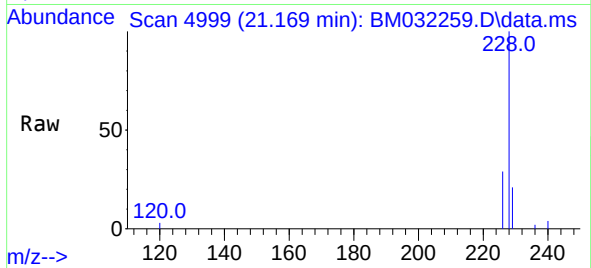
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Benzo(a)anthracene
Concen: 0.594 ng/u1
RT: 21.169 min Scan# 4999
Delta R.T. -0.010 min
Lab File: BM032259.D
Acq: 29 Sep 2021 03:05

Tgt Ion:228	Resp:	28455
Ion Ratio	Lower	Upper
228	100	
229	20.9	16.0 24.0
226	28.7	22.3 33.5

Instrument :
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ClientSampled :
C0AL2

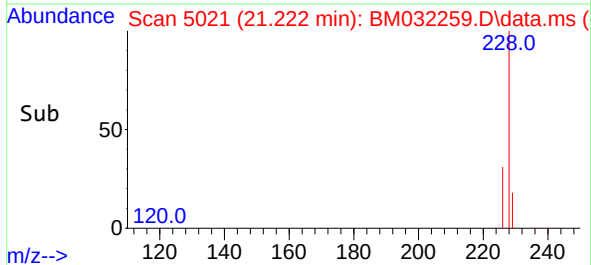
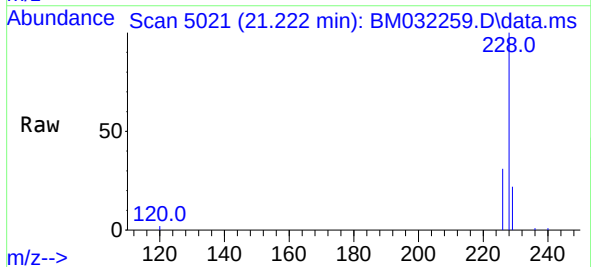
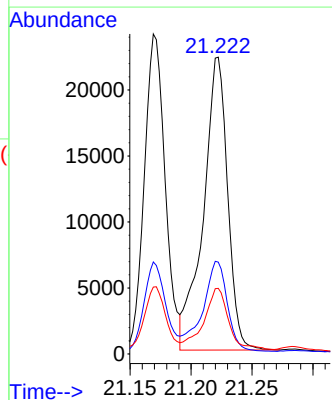
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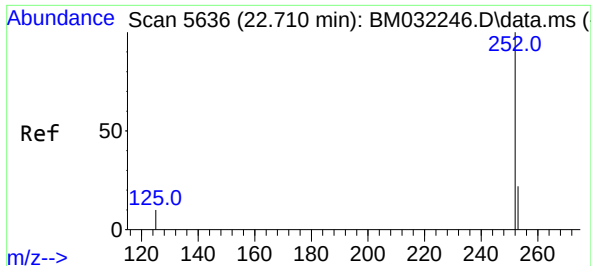
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#22
Chrysene
Concen: 0.551 ng/u1
RT: 21.222 min Scan# 5021
Delta R.T. -0.007 min
Lab File: BM032259.D
Acq: 29 Sep 2021 03:05

Tgt Ion:228	Resp:	30889
Ion Ratio	Lower	Upper
228	100	
226	31.0	24.6 37.0
229	22.1	15.6 23.4





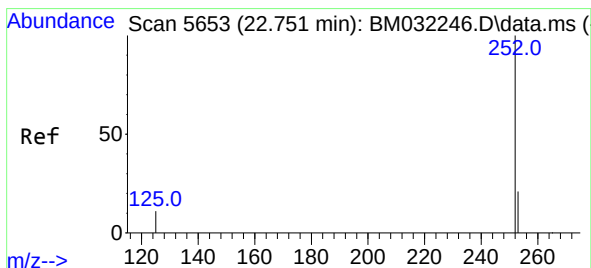
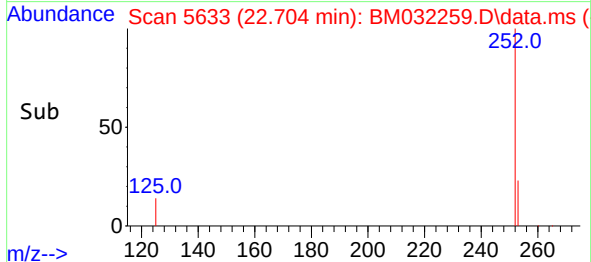
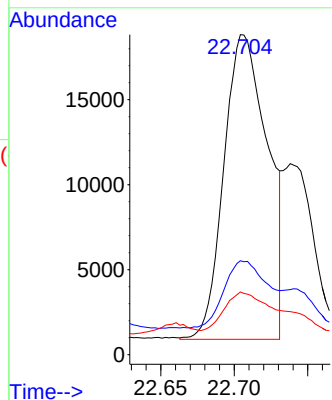
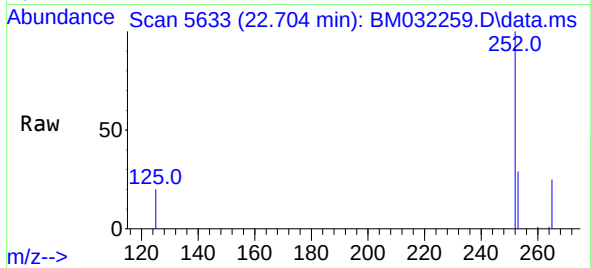
#24
Benzo(b)fluoranthene
Concen: 0.545 ng/ul m
RT: 22.704 min Scan# 5633
Delta R.T. -0.010 min
Lab File: BM032259.D
Acq: 29 Sep 2021 03:05

Tgt Ion:252	Resp:	36978
Ion Ratio	Lower	Upper
252	100	
253	29.3	0.0 58.0
125	19.6	0.0 31.4

Instrument :
BNA_M
ClientSampleId :
C0AL2

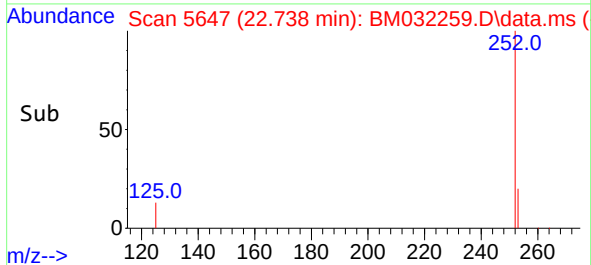
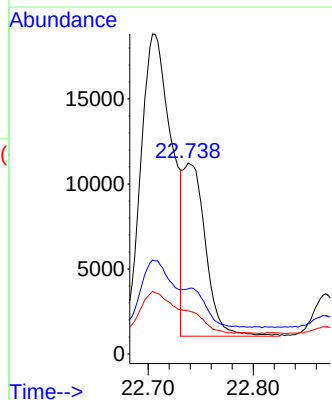
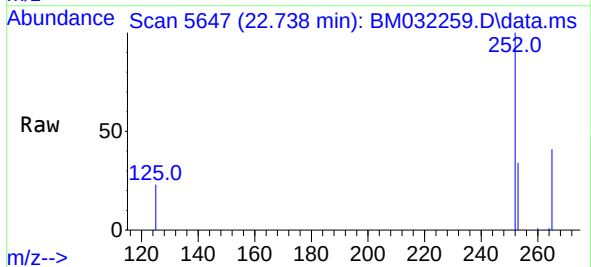
Manual Integrations
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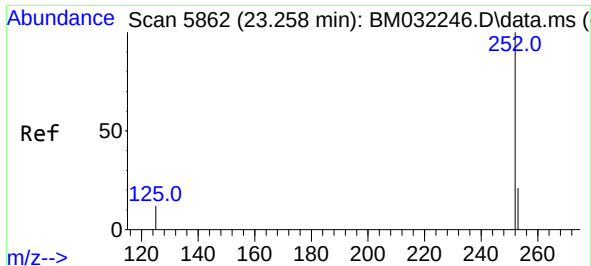
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#25
Benzo(k)fluoranthene
Concen: 0.233 ng/ul m
RT: 22.738 min Scan# 5647
Delta R.T. -0.017 min
Lab File: BM032259.D
Acq: 29 Sep 2021 03:05

Tgt Ion:252	Resp:	15272
Ion Ratio	Lower	Upper
252	100	
253	34.1	22.9 34.3
125	22.5	12.9 19.3#





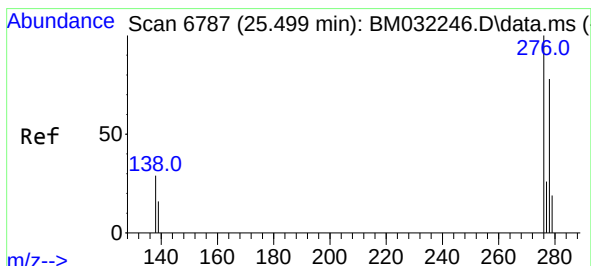
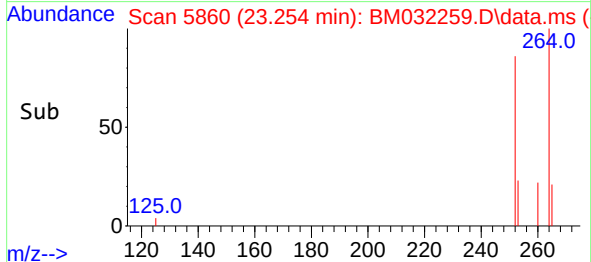
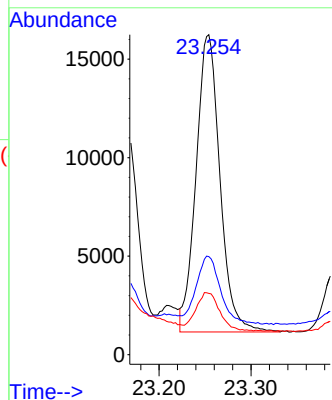
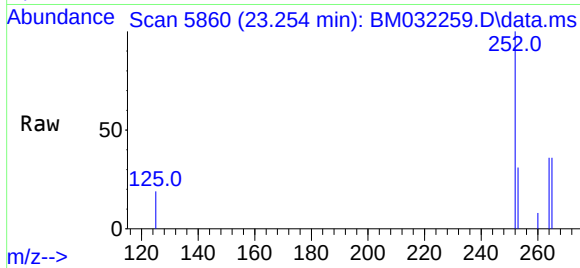
#26
Benzo(a)pyrene
Concen: 0.534 ng/ul
RT: 23.254 min Scan# 5860
Delta R.T. -0.010 min
Lab File: BM032259.D
Acq: 29 Sep 2021 03:05

Tgt Ion:	252	Resp:	27265
Ion Ratio	Lower	Upper	
252	100		
253	30.6	25.8	38.8
125	19.2	15.4	23.2

Instrument :
BNA_M
ClientSampleId :
C0AL2

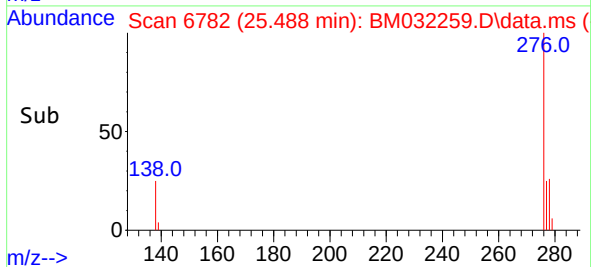
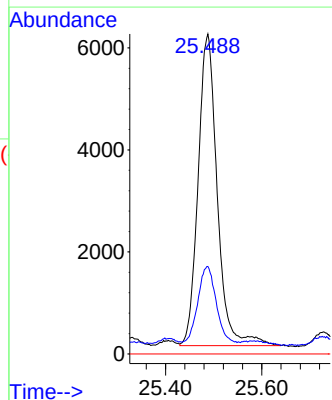
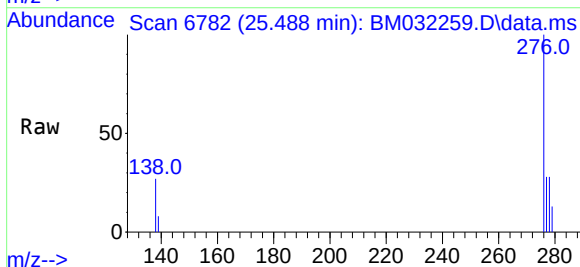
Manual Integrations
APPROVED

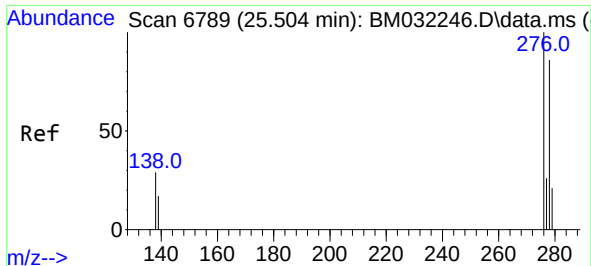
mohammad
9/29/2021 12:52:50 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.259 ng/ul
RT: 25.488 min Scan# 6782
Delta R.T. -0.017 min
Lab File: BM032259.D
Acq: 29 Sep 2021 03:05

Tgt Ion:	276	Resp:	16880
Ion Ratio	Lower	Upper	
276	100		
138	24.5	24.3	36.5
227	0.0	0.0	0.0





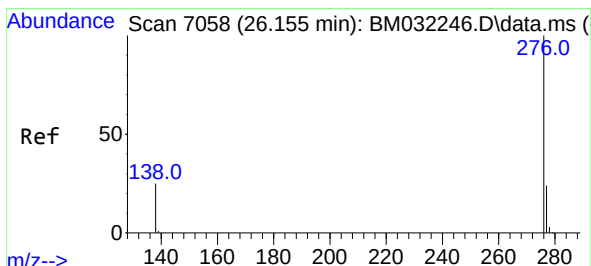
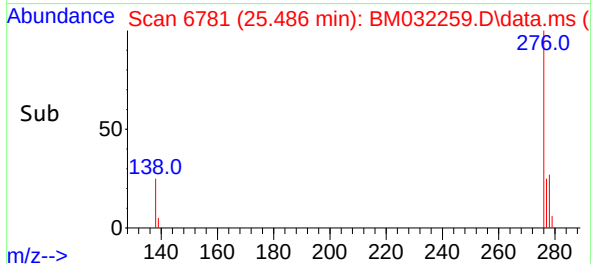
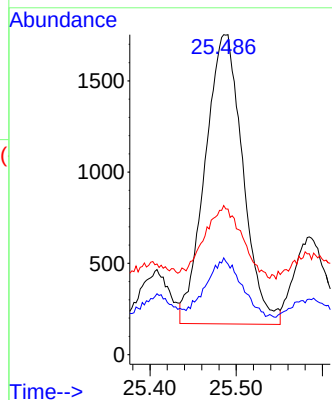
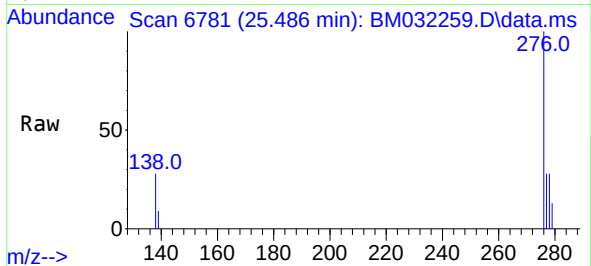
#28
Dibenzo(a,h)anthracene
Concen: 0.091 ng/ul
RT: 25.486 min Scan# 6781
Delta R.T. -0.024 min
Lab File: BM032259.D
Acq: 29 Sep 2021 03:05

Tgt Ion:278 Resp: 4814
Ion Ratio Lower Upper
278 100
139 30.2 16.6 24.8#
279 46.6 23.0 34.6#

Instrument :
BNA_M
ClientSampleId :
C0AL2

Manual Integrations
APPROVED

mohammad
9/29/2021 12:52:50 PM



#29
Benzo(g,h,i)perylene
Concen: 0.247 ng/ul
RT: 26.145 min Scan# 7053
Delta R.T. -0.019 min
Lab File: BM032259.D
Acq: 29 Sep 2021 03:05

Tgt Ion:276 Resp: 15273
Ion Ratio Lower Upper
276 100
138 27.3 21.0 31.4
277 26.9 19.8 29.8

