

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093021\
 Data File : BM032292.D
 Acq On : 30 Sep 2021 10:14
 Operator : CG/JU
 Sample : M3263-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-QT4-2021-08

Manual Integrations
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mohammad
 10/1/2021 11:31:04 AM

Quant Time: Sep 30 10:50:42 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 : Thu Sep 30 10:17:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.653	152	6531	0.400	ng/ul	0.00
4) Naphthalene-d8	10.443	136	18979	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.297	164	7877	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.022	188	14813	0.400	ng/ul	0.00
17) Chrysene-d12	21.184	240	11204	0.400	ng/ul	0.00
23) Perylene-d12	23.346	264	10095	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.989	96	4303	0.613	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152	8162	0.323	ng/ul	0.00
18) Fluoranthene-d10	19.042	212	11862	0.390	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.027	88	482	0.067	ng/ul#	57
5) Naphthalene	10.492	128	3814	0.068	ng/ul#	95
7) 2-Methylnaphthalene	12.107	142	2201	0.061	ng/ul	100
8) 1-Methylnaphthalene	12.327	142	2108	0.060	ng/ul	99
10) Acenaphthylene	14.012	152	2492	0.079	ng/ul	94
11) Acenaphthene	14.357	153	1971	0.068	ng/ul	96
12) Fluorene	15.339	166	2061	0.062	ng/ul#	96
14) Pentachlorophenol	16.693	266	245	0.065	ng/ul	99
15) Phenanthrene	17.061	178	3200	0.066	ng/ul	93
16) Anthracene	17.154	178	2529m	0.064	ng/ul	
19) Fluoranthene	19.072	202	3335	0.071	ng/ul#	94
20) Pyrene	19.435	202	3332	0.071	ng/ul	96
21) Benzo(a)anthracene	21.169	228	2774	0.070	ng/ul	97
22) Chrysene	21.220	228	3282	0.071	ng/ul	96
24) Benzo(b)fluoranthene	22.702	252	3537	0.068	ng/ul#	46
25) Benzo(k)fluoranthene	22.743	252	3137	0.062	ng/ul#	42
26) Benzo(a)pyrene	23.252	252	2628	0.067	ng/ul#	32
27) Indeno(1,2,3-cd)pyrene	25.488	276	3364	0.067	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.488	278	2699	0.066	ng/ul#	66
29) Benzo(g,h,i)perylene	26.145	276	3422	0.072	ng/ul#	87

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

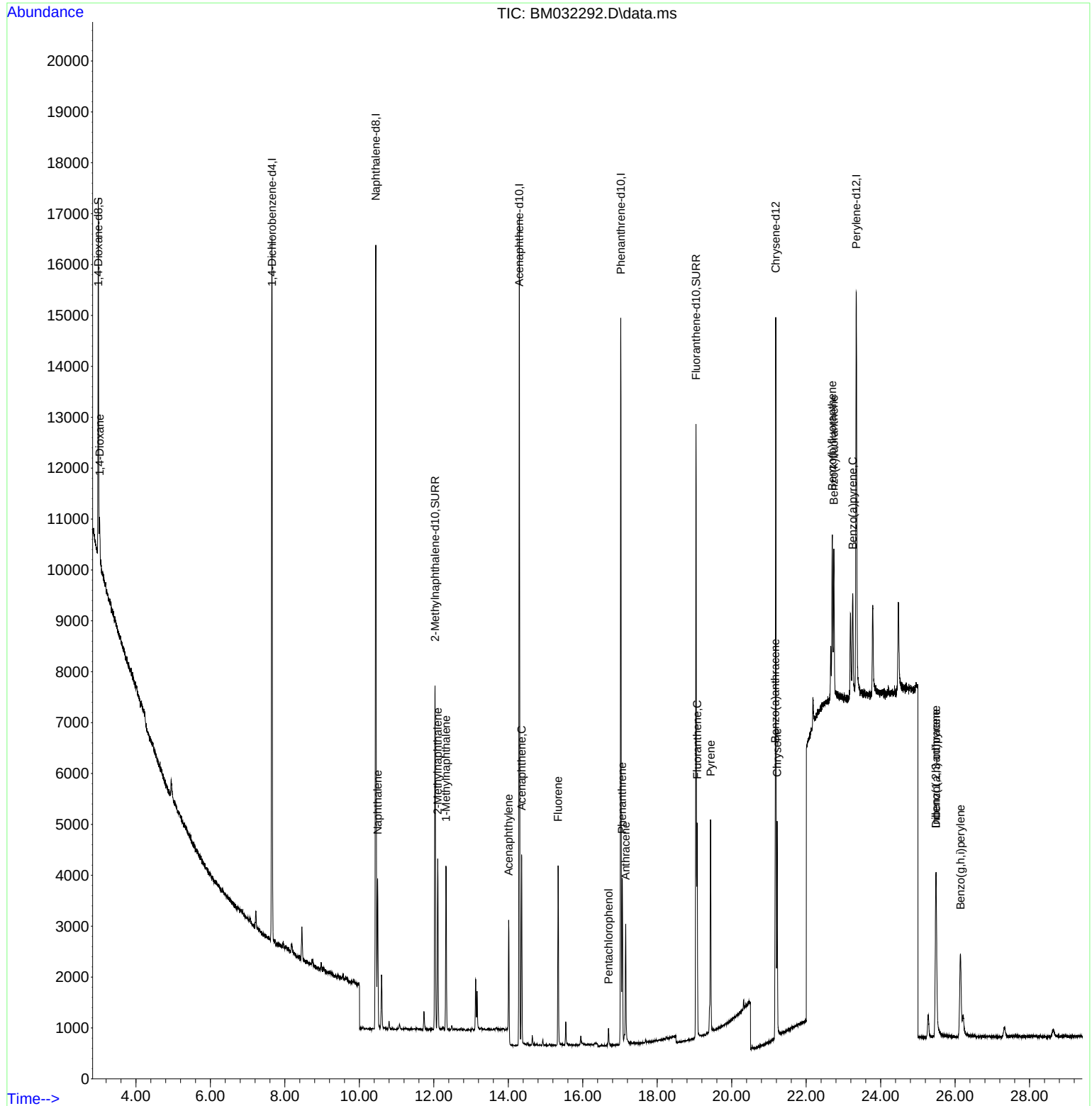
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093021\
Data File : BM032292.D
Acq On : 30 Sep 2021 10:14
Operator : CG/JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

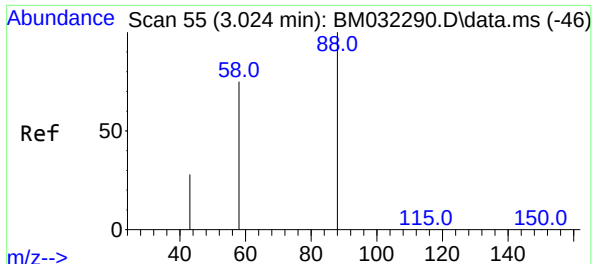
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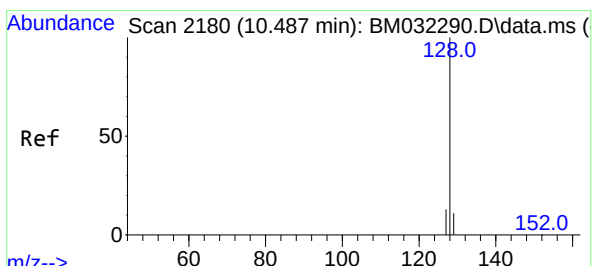
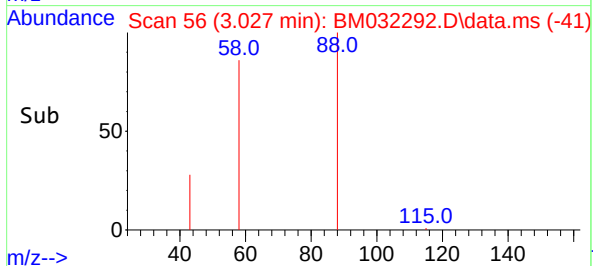
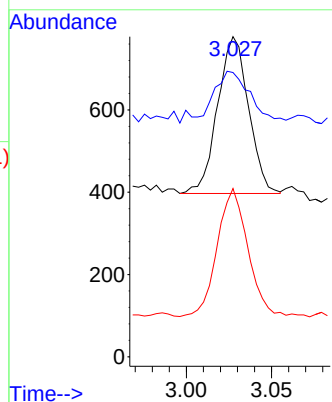
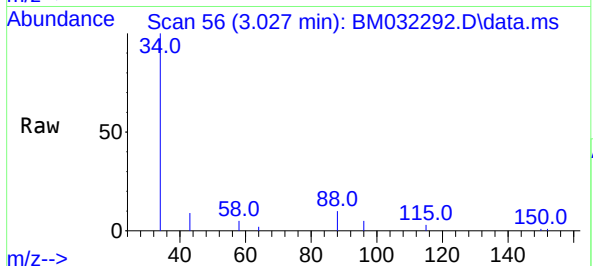
#2
1,4-Dioxane
Concen: 0.067 ng/ul
RT: 3.027 min Scan# 56
Delta R.T. 0.004 min
Lab File: BM032292.D
Acq: 30 Sep 2021 10:14

Tgt Ion: 88 Resp: 482
Ion Ratio Lower Upper
88 100
43 88.8 26.1 39.1#
58 52.6 50.2 75.2

Instrument :
BNA_M
ClientSampleId :
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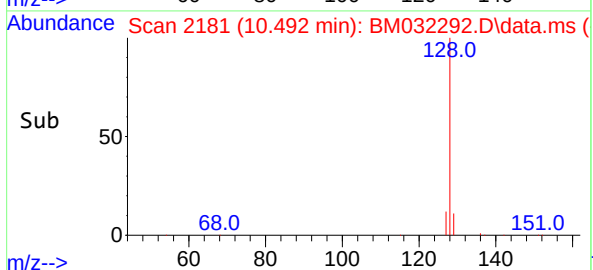
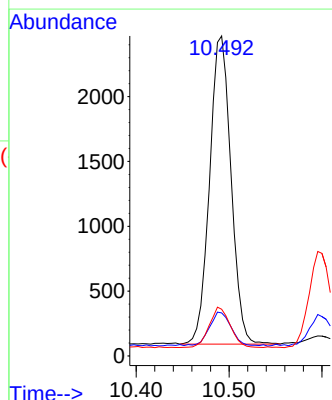
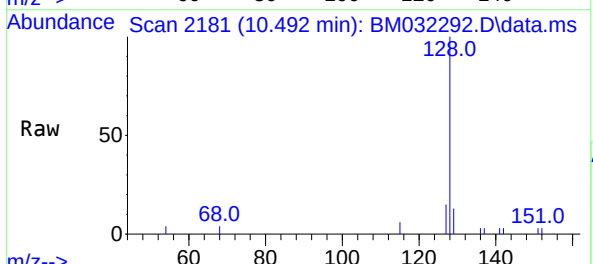
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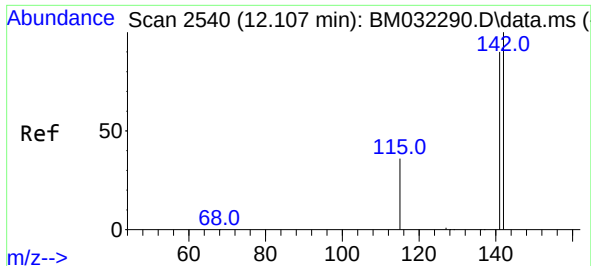
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#5
Naphthalene
Concen: 0.068 ng/ul
RT: 10.492 min Scan# 2181
Delta R.T. 0.005 min
Lab File: BM032292.D
Acq: 30 Sep 2021 10:14

Tgt Ion: 128 Resp: 3814
Ion Ratio Lower Upper
128 100
129 13.5 9.0 13.4#
127 14.6 10.5 15.7





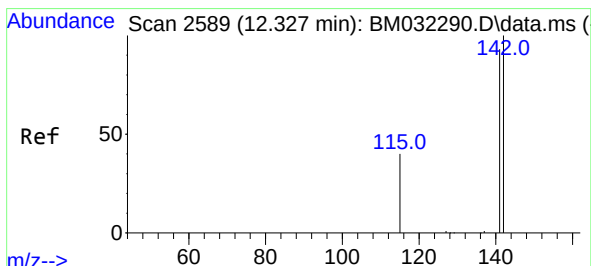
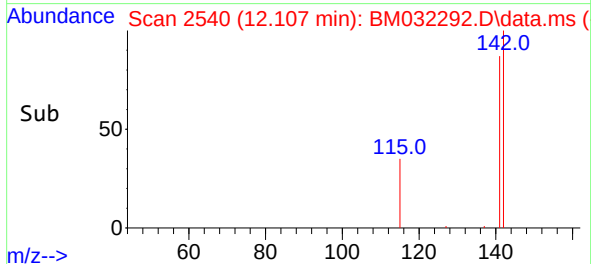
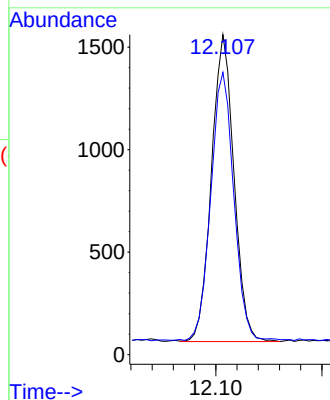
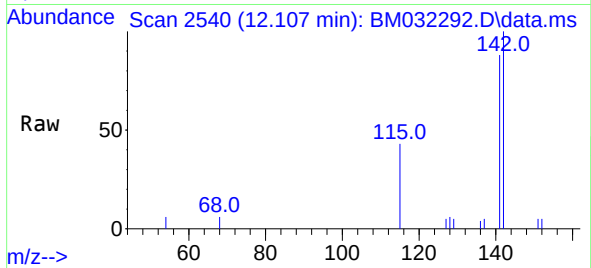
#7
2-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.107 min Scan# 2540
Delta R.T. 0.000 min
Lab File: BM032292.D
Acq: 30 Sep 2021 10:14

Tgt Ion:142 Resp: 2201
Ion Ratio Lower Upper
142 100
141 89.3 71.2 106.8

Instrument :
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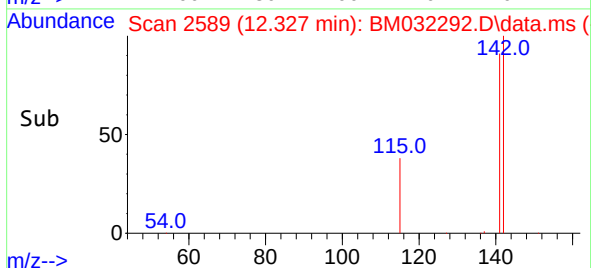
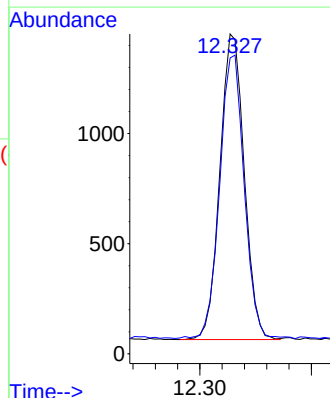
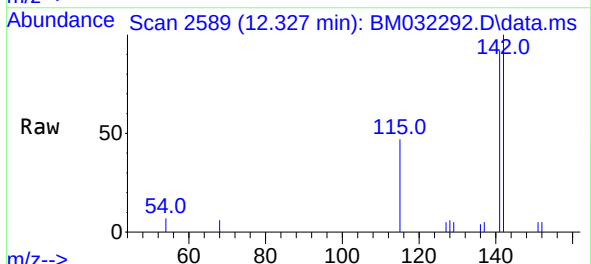
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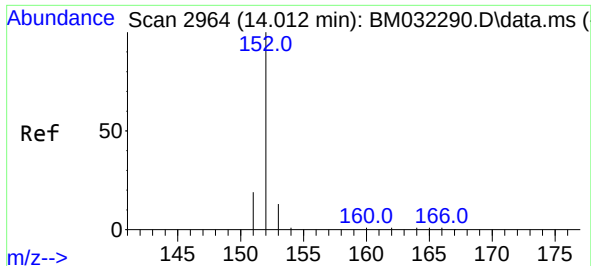
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#8
1-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.327 min Scan# 2589
Delta R.T. 0.000 min
Lab File: BM032292.D
Acq: 30 Sep 2021 10:14

Tgt Ion:142 Resp: 2108
Ion Ratio Lower Upper
142 100
141 93.5 73.8 110.6





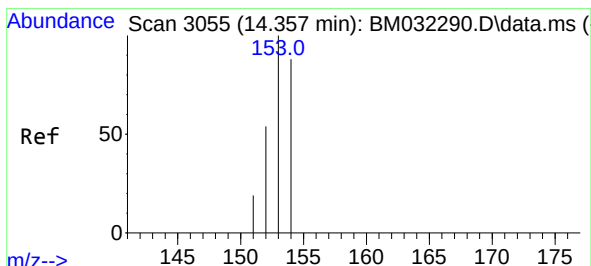
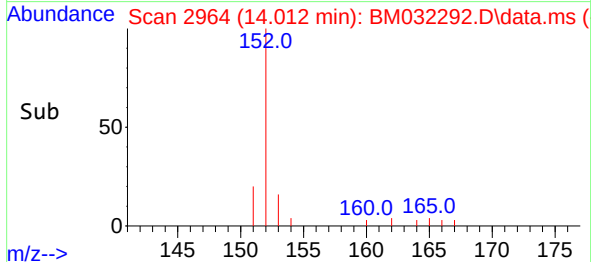
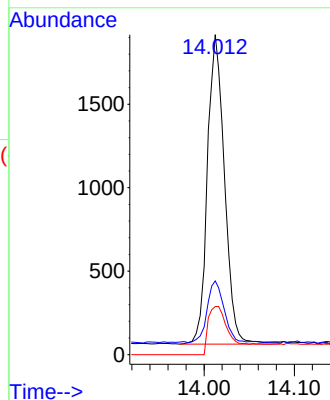
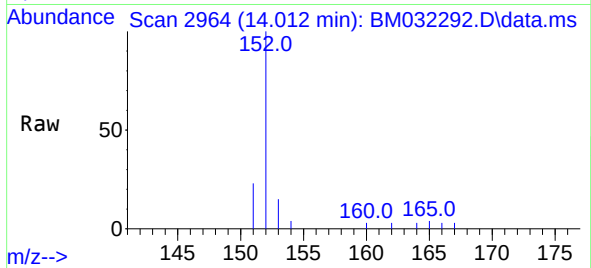
#10
Acenaphthylene
Concen: 0.079 ng/ul
RT: 14.012 min Scan# 2964
Delta R.T. 0.000 min
Lab File: BM032292.D
Acq: 30 Sep 2021 10:14

Tgt Ion:	152	Resp:	2492
Ion Ratio	Lower	Upper	
152	100		
151	23.1	16.0	24.0
153	15.0	10.7	16.1

Instrument :
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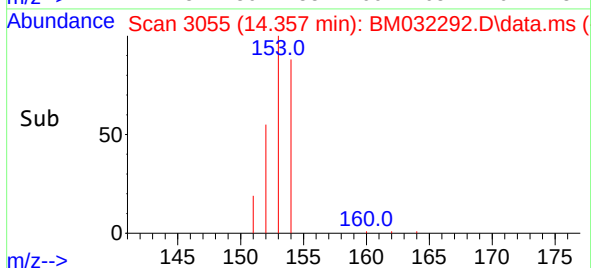
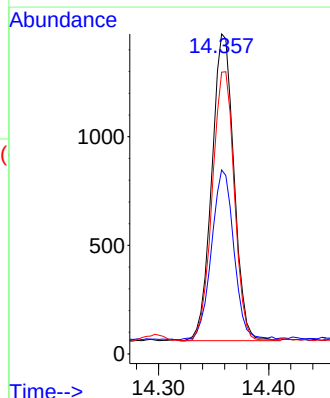
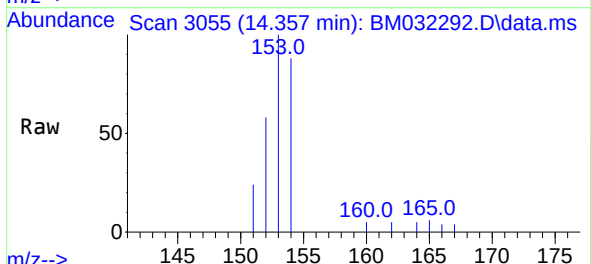
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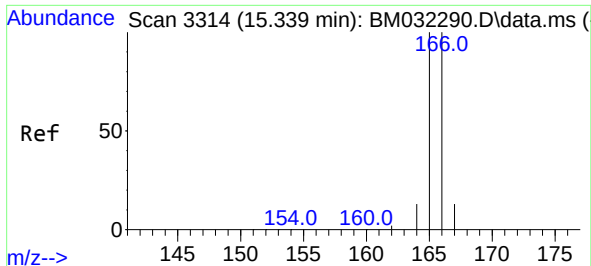
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#11
Acenaphthene
Concen: 0.068 ng/ul
RT: 14.357 min Scan# 3055
Delta R.T. 0.000 min
Lab File: BM032292.D
Acq: 30 Sep 2021 10:14

Tgt Ion:	153	Resp:	1971
Ion Ratio	Lower	Upper	
153	100		
152	57.5	41.6	62.4
154	88.1	71.2	106.8





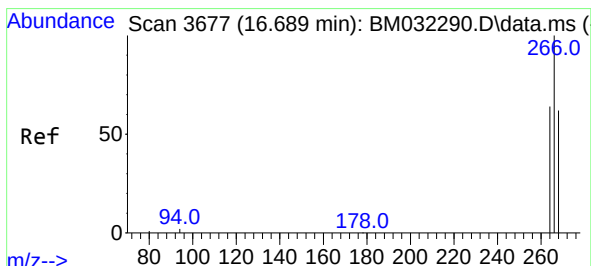
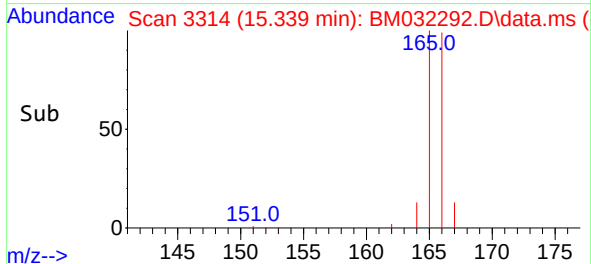
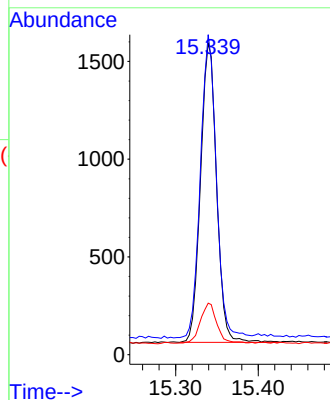
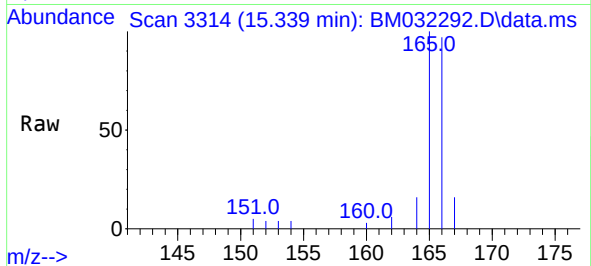
#12
Fluorene
Concen: 0.062 ng/ul
RT: 15.339 min Scan# 3314
Delta R.T. 0.000 min
Lab File: BM032292.D
Acq: 30 Sep 2021 10:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.7	79.4	119.2
167	16.6	10.8	16.2#

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ClientSampleId :
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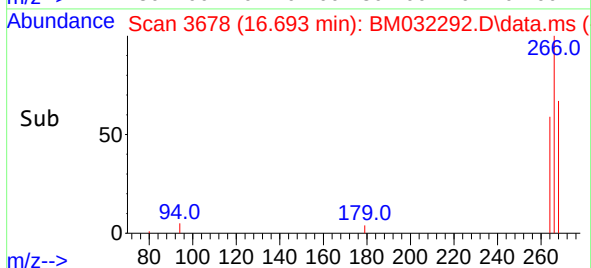
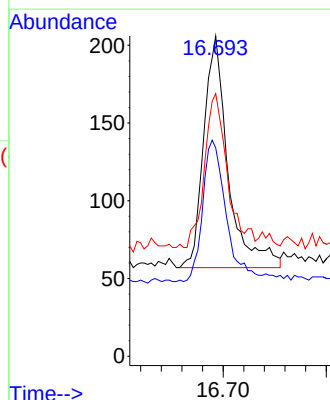
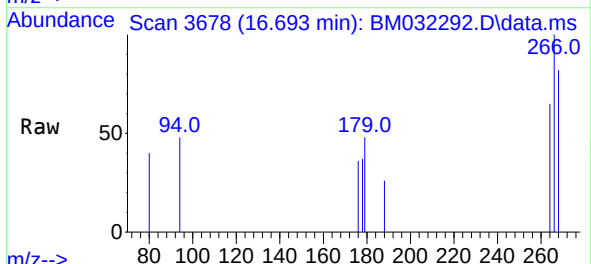
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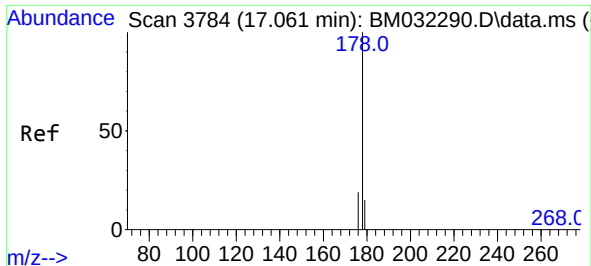
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#14
Pentachlorophenol
Concen: 0.065 ng/ul
RT: 16.693 min Scan# 3678
Delta R.T. 0.004 min
Lab File: BM032292.D
Acq: 30 Sep 2021 10:14

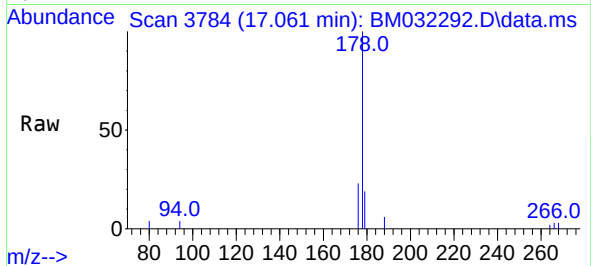
Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.8	49.8	74.8
268	62.4	50.4	75.6





#15
Phenanthrene
Concen: 0.066 ng/ul
RT: 17.061 min Scan# 3784
Delta R.T. 0.000 min
Lab File: BM032292.D
Acq: 30 Sep 2021 10:14

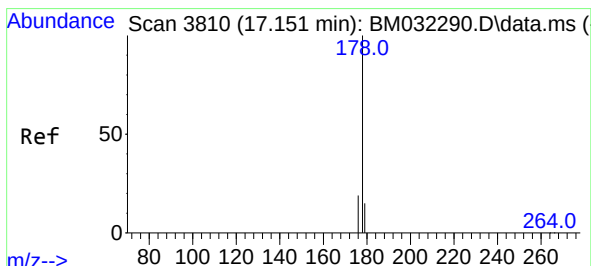
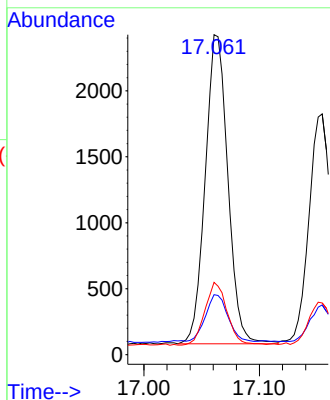
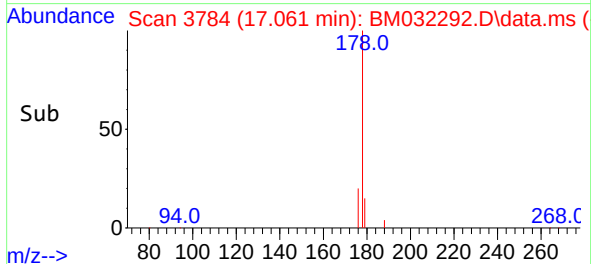
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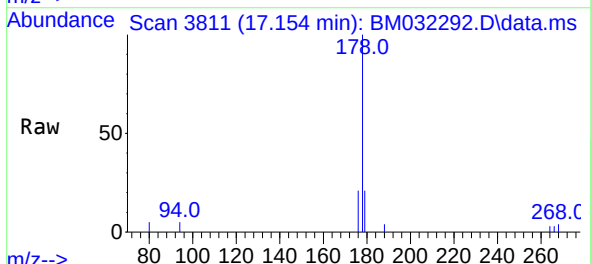
Tgt Ion:178 Resp: 3200
Ion Ratio Lower Upper
178 100
179 18.8 12.6 18.8
176 22.6 15.8 23.6

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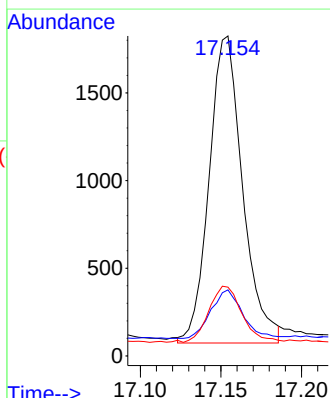
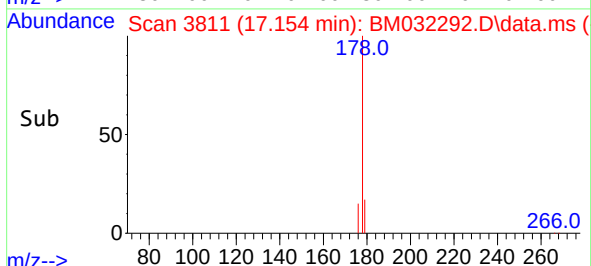
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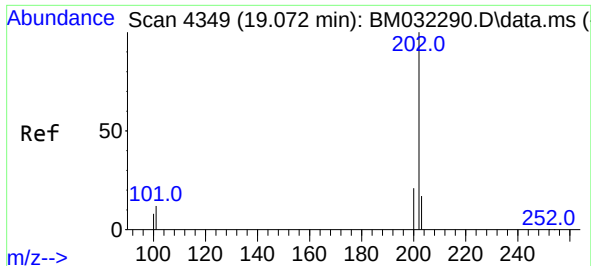


#16
Anthracene
Concen: 0.064 ng/ul m
RT: 17.154 min Scan# 3811
Delta R.T. 0.004 min
Lab File: BM032292.D
Acq: 30 Sep 2021 10:14



Tgt Ion:178 Resp: 2529
Ion Ratio Lower Upper
178 100
179 20.7 12.7 19.1#
176 21.5 15.3 22.9





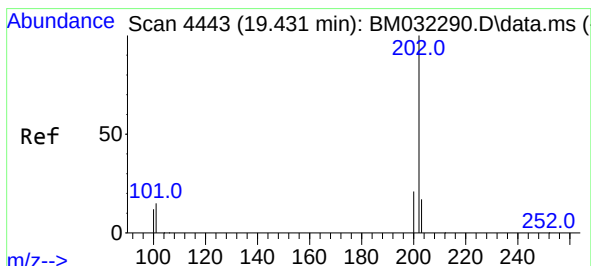
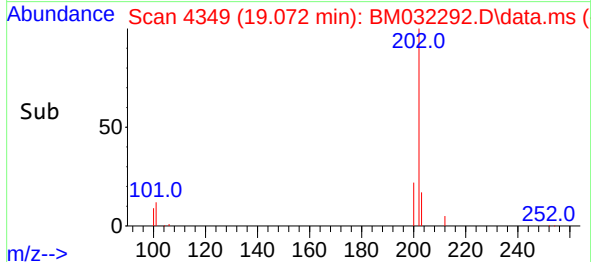
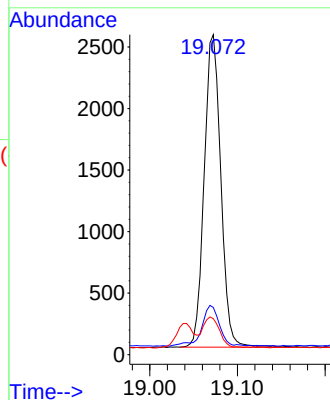
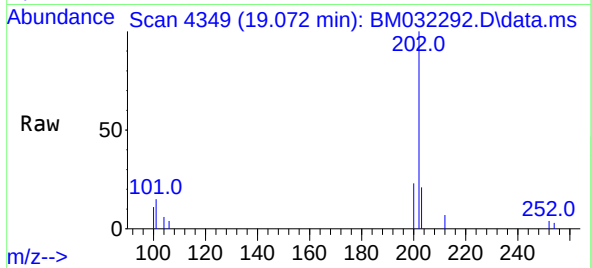
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Fluoranthene
Concen: 0.071 ng/ul
RT: 19.072 min Scan# 4349
Delta R.T. 0.000 min
Lab File: BM032292.D
Acq: 30 Sep 2021 10:14

Tgt Ion:	202	Resp:	3335
Ion Ratio	Lower	Upper	
202	100		
101	14.8	9.8	14.8#
100	11.2	7.2	10.8#

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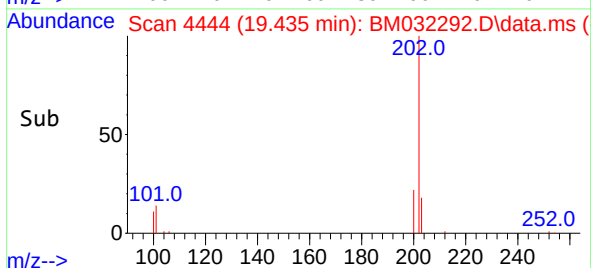
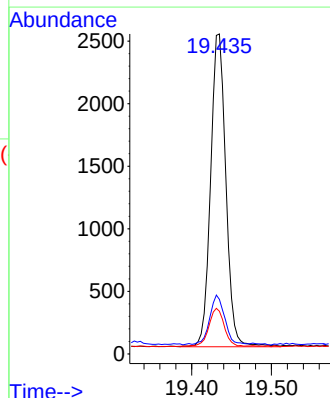
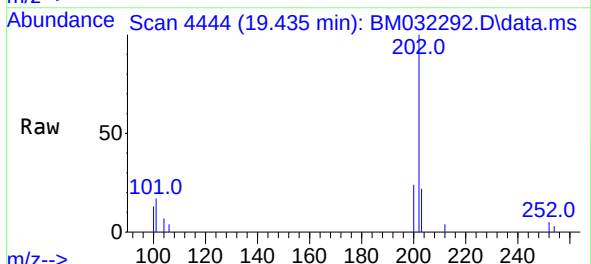
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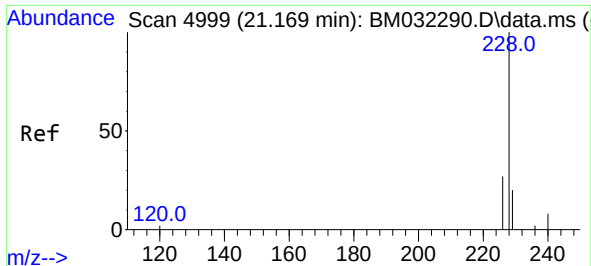
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#20
Pyrene
Concen: 0.071 ng/ul
RT: 19.435 min Scan# 4444
Delta R.T. 0.004 min
Lab File: BM032292.D
Acq: 30 Sep 2021 10:14

Tgt Ion:	202	Resp:	3332
Ion Ratio	Lower	Upper	
202	100		
101	17.1	12.1	18.1
100	13.3	9.8	14.6





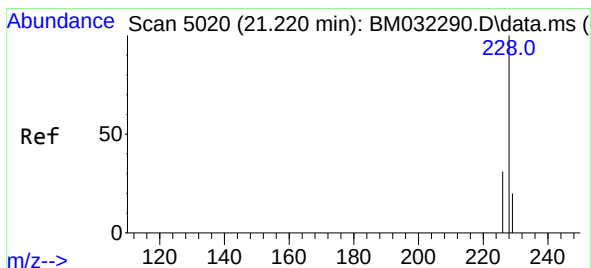
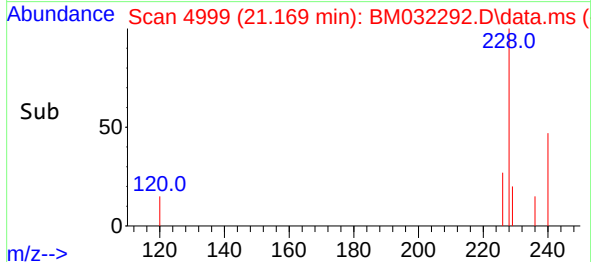
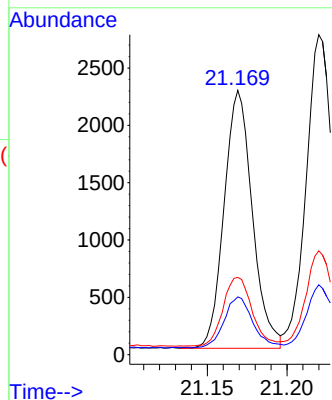
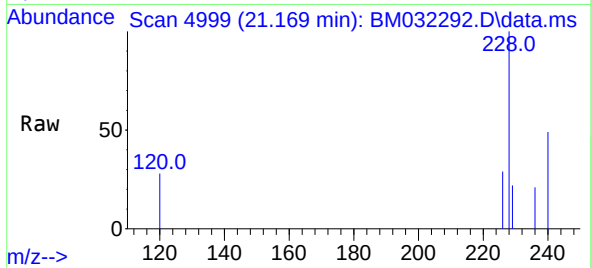
#21
Benzo(a)anthracene
Concen: 0.070 ng/u1
RT: 21.169 min Scan# 4999
Delta R.T. 0.000 min
Lab File: BM032292.D
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Tgt Ion:	228	Resp:	2774
Ion Ratio	Lower	Upper	
228	100		
229	21.8	16.0	24.0
226	29.2	22.3	33.5

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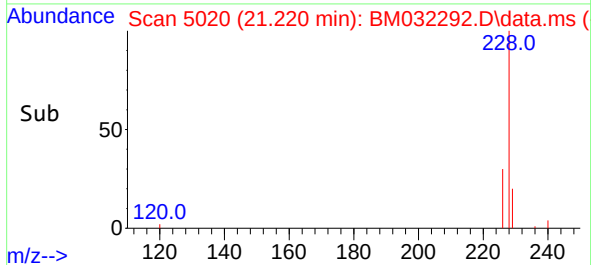
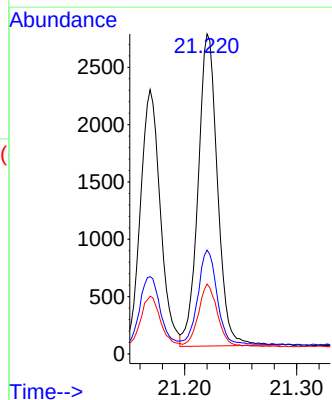
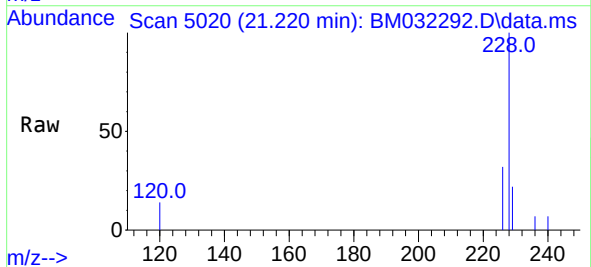
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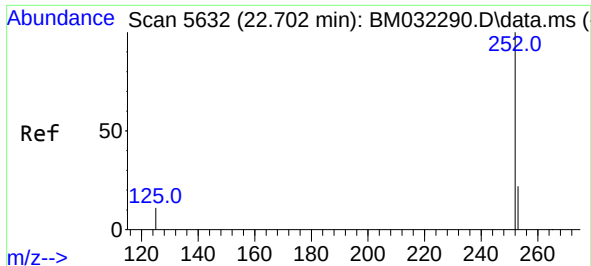
mohammad
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#22
Chrysene
Concen: 0.071 ng/u1
RT: 21.220 min Scan# 5020
Delta R.T. 0.000 min
Lab File: BM032292.D
Acq: 30 Sep 2021 10:14

Tgt Ion:	228	Resp:	3282
Ion Ratio	Lower	Upper	
228	100		
226	32.4	24.6	37.0
229	21.8	15.6	23.4





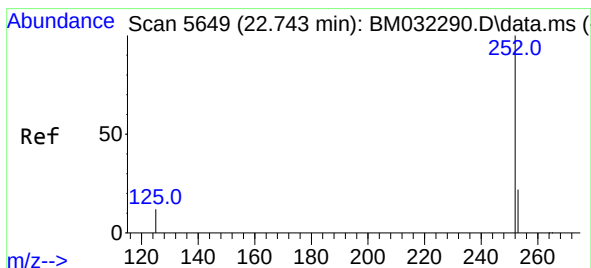
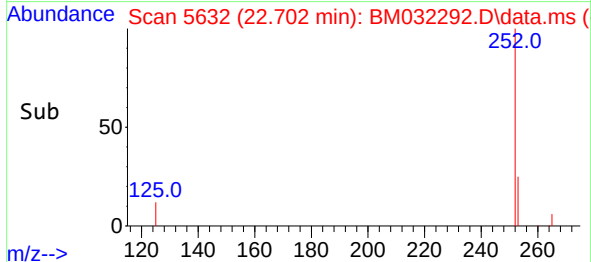
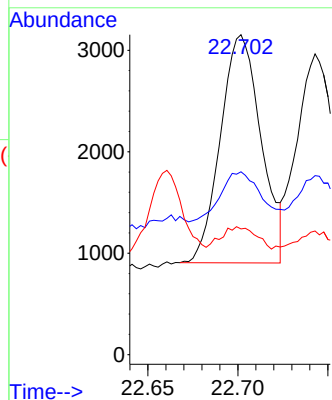
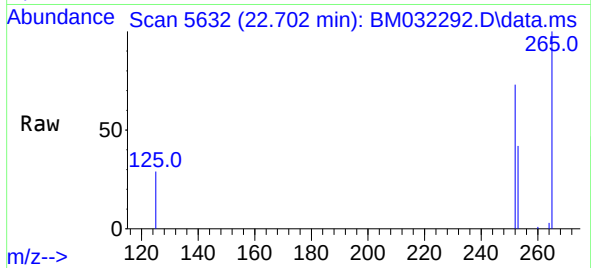
#24
Benzo(b)fluoranthene
Concen: 0.068 ng/ul
RT: 22.702 min Scan# 5632
Delta R.T. 0.000 min
Lab File: BM032292.D
Acq: 30 Sep 2021 10:14

Tgt Ion:252 Resp: 3537
Ion Ratio Lower Upper
252 100
253 57.1 0.0 58.0
125 39.3 0.0 31.4#

Instrument :
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ClientSampleId :
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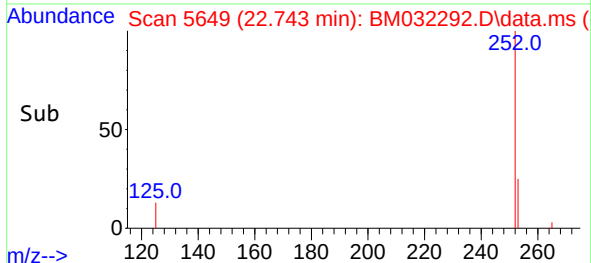
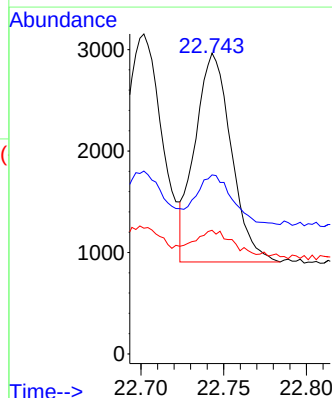
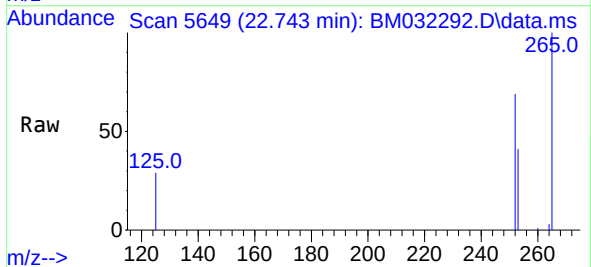
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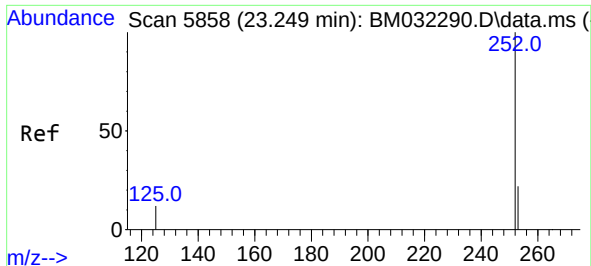
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#25
Benzo(k)fluoranthene
Concen: 0.062 ng/ul
RT: 22.743 min Scan# 5649
Delta R.T. 0.000 min
Lab File: BM032292.D
Acq: 30 Sep 2021 10:14

Tgt Ion:252 Resp: 3137
Ion Ratio Lower Upper
252 100
253 59.5 22.9 34.3#
125 41.1 12.9 19.3#





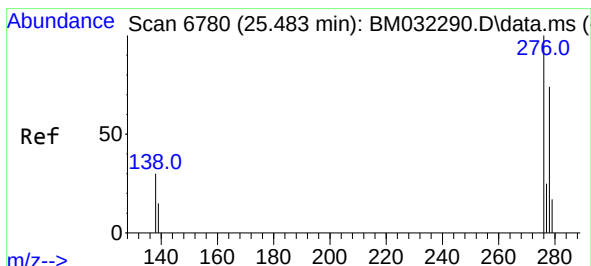
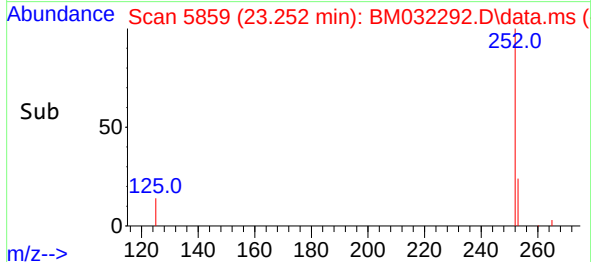
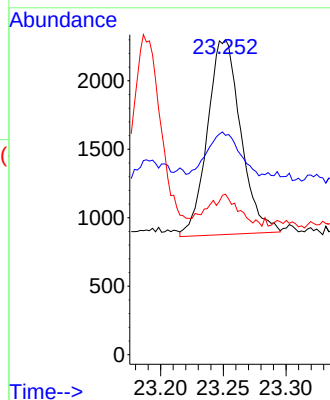
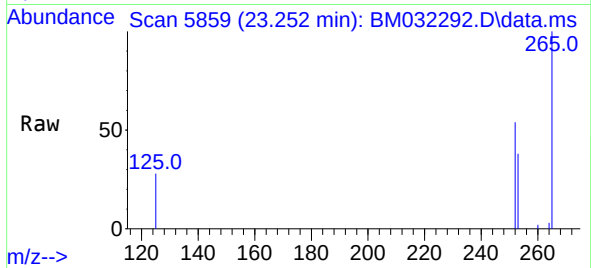
#26
Benzo(a)pyrene
Concen: 0.067 ng/ul
RT: 23.252 min Scan# 5859
Delta R.T. 0.002 min
Lab File: BM032292.D
Acq: 30 Sep 2021 10:14

Tgt Ion:	252	Resp:	2628
Ion Ratio	Lower	Upper	
252	100		
253	69.7	25.8	38.8#
125	51.0	15.4	23.2#

Instrument :
BNA_M
ClientSampleId :
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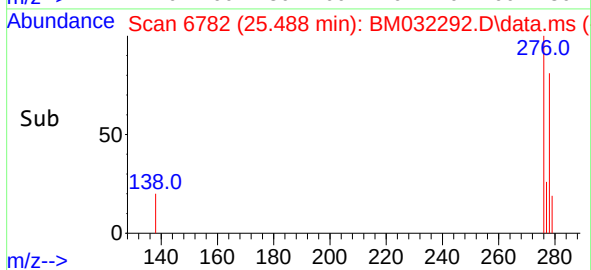
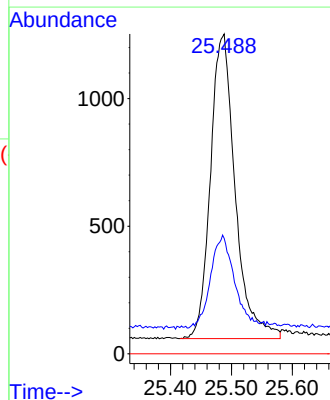
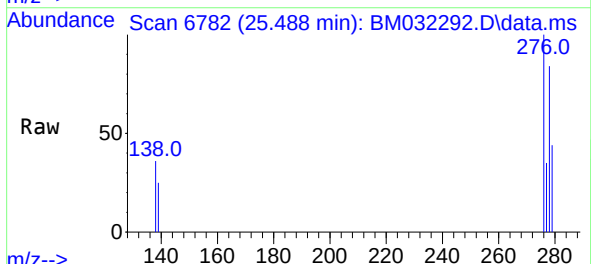
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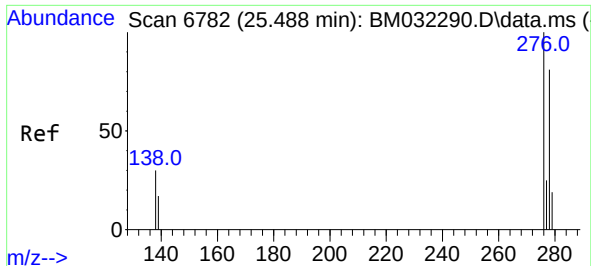
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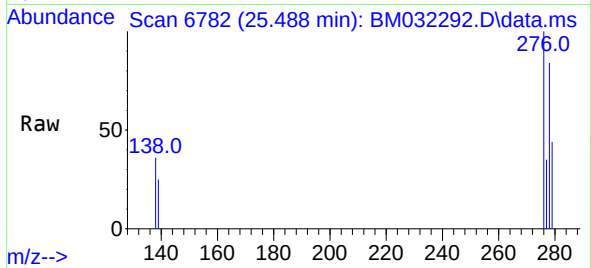
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.067 ng/ul
RT: 25.488 min Scan# 6782
Delta R.T. 0.005 min
Lab File: BM032292.D
Acq: 30 Sep 2021 10:14

Tgt Ion:	276	Resp:	3364
Ion Ratio	Lower	Upper	
276	100		
138	29.5	24.3	36.5
227	0.0	0.0	0.0

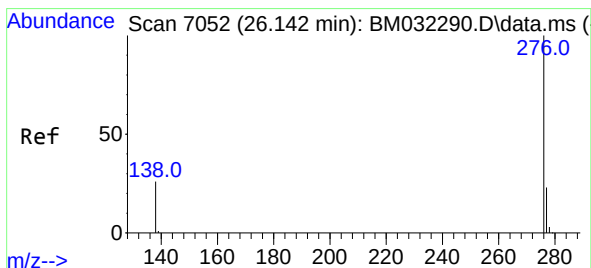
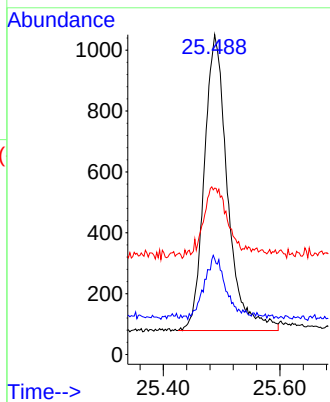
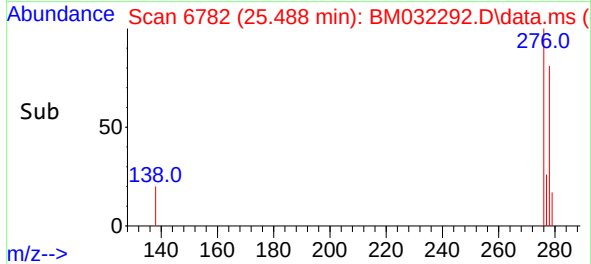




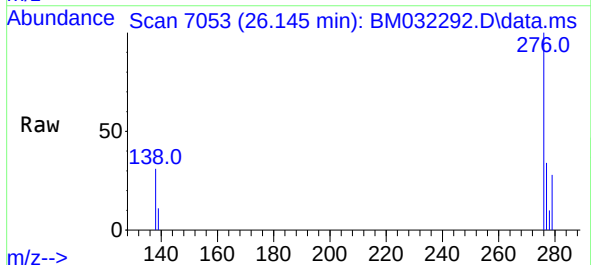
#28
Dibenzo(a,h)anthracene
Concen: 0.066 ng/ul
RT: 25.488 min Scan# 6782
Delta R.T. 0.000 min
Lab File: BM032292.D
Acq: 30 Sep 2021 10:14



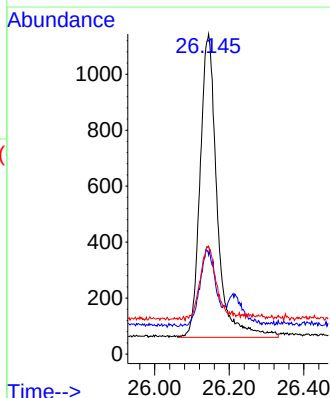
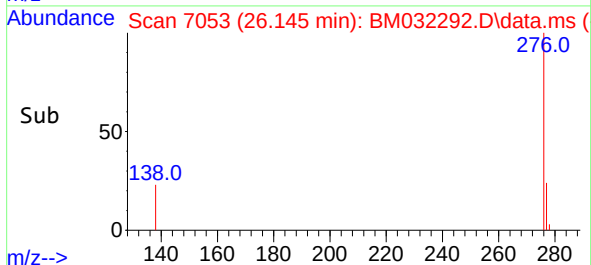
Tgt Ion: 278 Resp: 2699
Ion Ratio Lower Upper
278 100
139 29.9 16.6 24.8#
279 52.0 23.0 34.6#



#29
Benzo(g,h,i)perylene
Concen: 0.072 ng/ul
RT: 26.145 min Scan# 7053
Delta R.T. 0.002 min
Lab File: BM032292.D
Acq: 30 Sep 2021 10:14



Tgt Ion: 276 Resp: 3422
Ion Ratio Lower Upper
276 100
138 30.9 21.0 31.4
277 33.7 19.8 29.8#



Instrument :
BNA_M
ClientSampleId :
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