Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032584.D
Acq On : 19 Oct 2021 15:10
Operator : CG/JU
Sample : PB139923BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS923

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Quant Time: Oct 19 15:45:34 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 : Tue Oct 19 15:20:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	4385	0.40	ng/ul	0.00
4) Naphthalene-d8	10.344	136	14419	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	6847	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	11763	0.40	ng/ul	0.00
17) Chrysene-d12	21.123	240	7282	0.40	ng/ul	0.00
23) Perylene-d12	23.264	264	6717	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.927	96	3234	0.66	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	5915	0.31	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	8191	0.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.962	88	9833	1.82	ng/ul#	80
5) Naphthalene	10.393	128	15029	0.34	ng/ul	100
7) 2-Methylnaphthalene	12.017	142	9409	0.33	ng/ul	98
8) 1-Methylnaphthalene	12.237	142	8944	0.32	ng/ul	99
10) Acenaphthylene	13.933	152	9551	0.33	ng/ul	98
11) Acenaphthene	14.278	153	9383	0.35	ng/ul	99
12) Fluorene	15.264	166	9779	0.33	ng/ul	99
14) Pentachlorophenol	16.620	266	2270	0.75	ng/ul	99
15) Phenanthrene	16.988	178	13737	0.35	ng/ul	100
16) Anthracene	17.078	178	11070	0.32	ng/ul	99
19) Fluoranthene	19.004	202	13591	0.38	ng/ul	99
20) Pyrene	19.366	202	13633	0.37	ng/ul	100
21) Benzo(a)anthracene	21.106	228	10015	0.35	ng/ul	99
22) Chrysene	21.159	228	11963	0.38	ng/ul	99
24) Benzo(b)fluoranthene	22.627	252	12135	0.39	ng/ul	93
25) Benzo(k)fluoranthene	22.668	252	12210m	0.40	ng/ul	
26) Benzo(a)pyrene	23.169	252	10017	0.39	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.379	276	13679	0.43	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.384	278	10763	0.43	ng/ul	96
29) Benzo(g,h,i)perylene	26.026	276	12374	0.45	ng/ul	100

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

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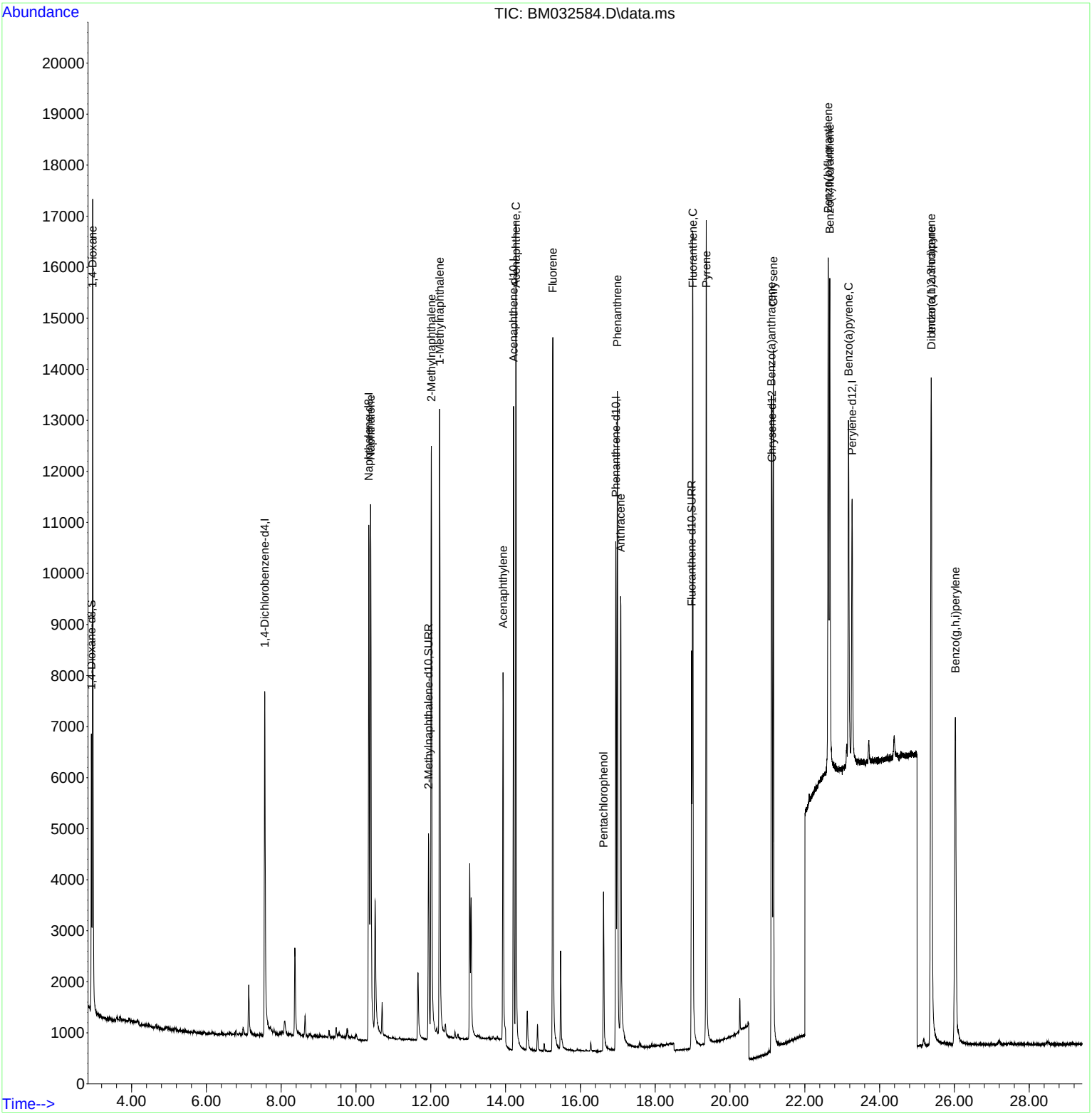
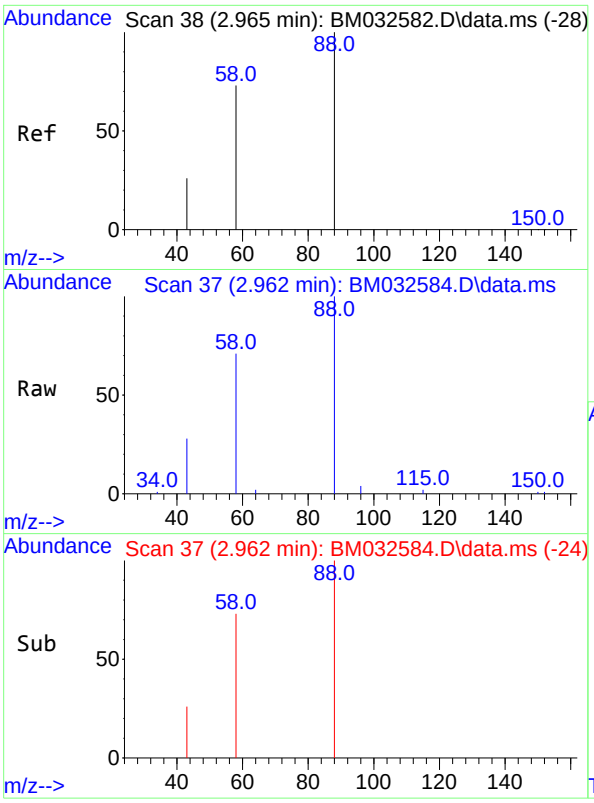
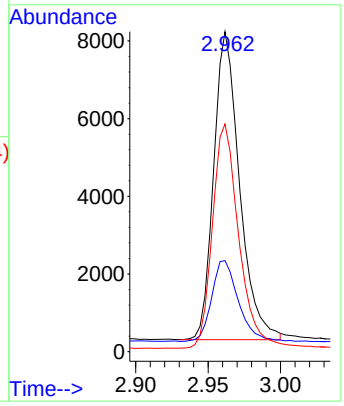




#2
1,4-Dioxane
Concen: 1.82 ng/ul
RT: 2.962 min Scan# 37
Delta R.T. -0.003 min
Lab File: BM032584.D
Acq: 19 Oct 2021 15:10

Tgt Ion: 88 Resp: 9833

Ion	Ratio	Lower	Upper
88	100		
43	28.4	46.6	69.8#
58	71.2	60.7	91.1



Instrument :
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ClientSampleId :
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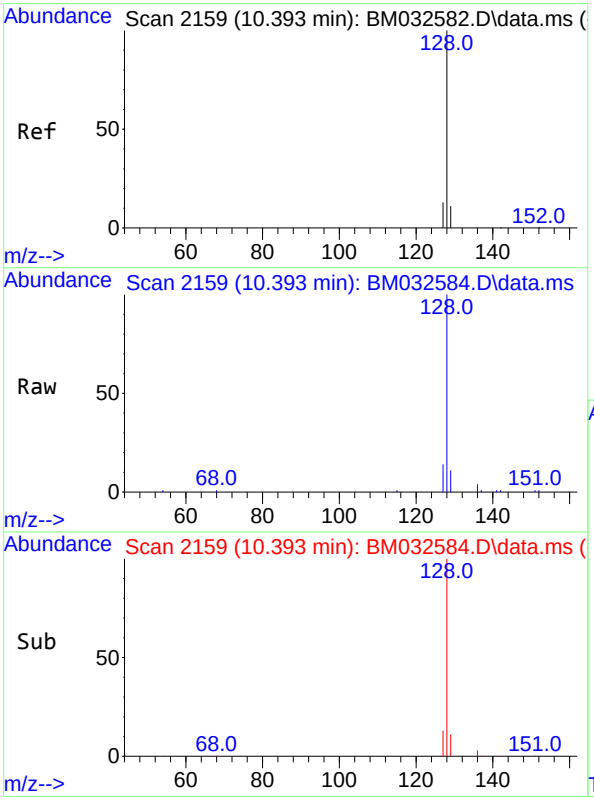
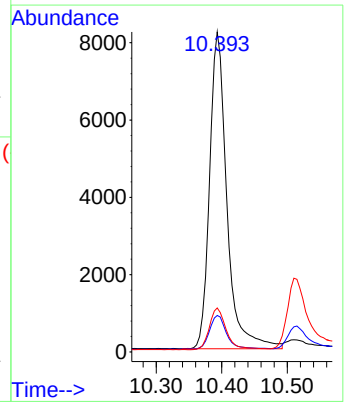
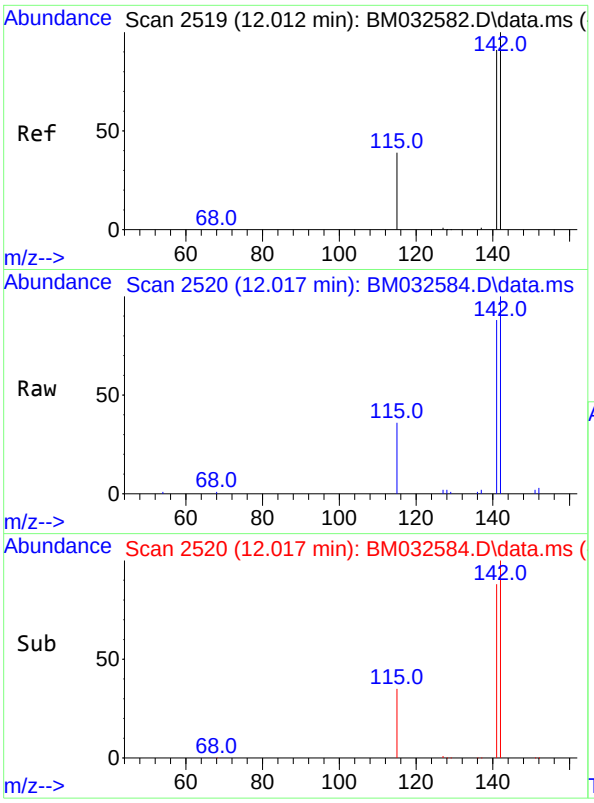


#5
Naphthalene
Concen: 0.34 ng/ul
RT: 10.393 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BM032584.D
Acq: 19 Oct 2021 15:10

Tgt Ion:128 Resp: 15029

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.8	11.1	16.7

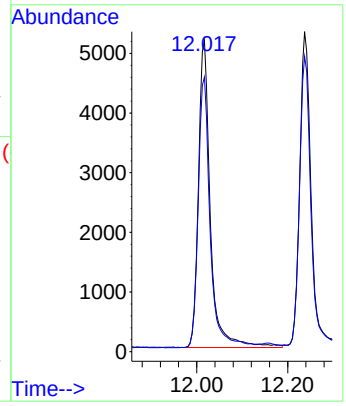




#7
2-Methylnaphthalene
Concen: 0.33 ng/ul
RT: 12.017 min Scan# 2520
Delta R.T. 0.005 min
Lab File: BM032584.D
Acq: 19 Oct 2021 15:10

Tgt Ion:142 Resp: 9409

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.2	108.2



Instrument :
BNA_M
ClientSampleId :
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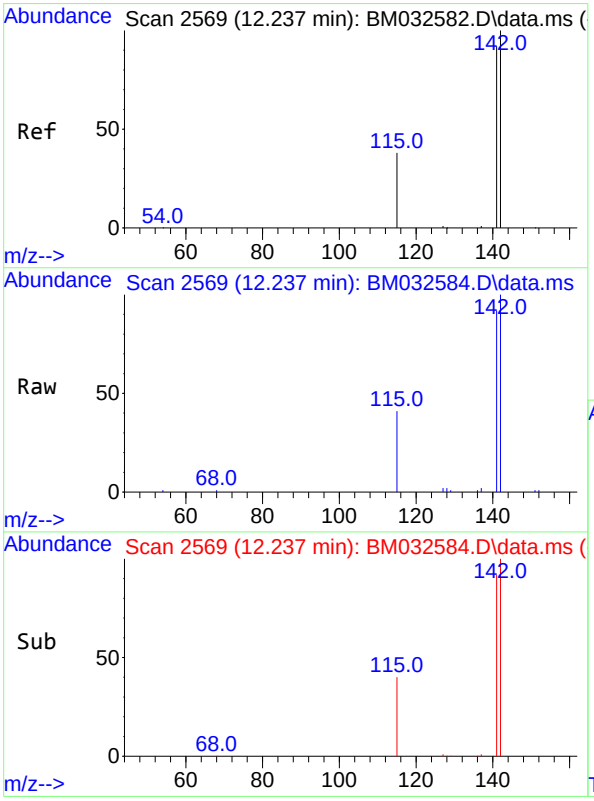
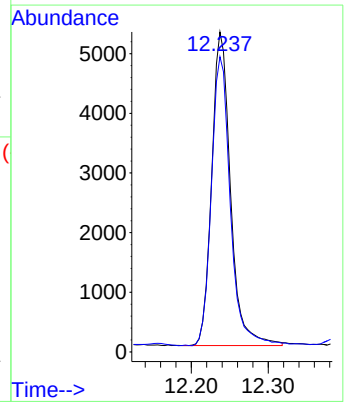


#8
1-Methylnaphthalene
Concen: 0.32 ng/ul
RT: 12.237 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BM032584.D
Acq: 19 Oct 2021 15:10

Tgt Ion:142 Resp: 8944

Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.9	112.3



Instrument :
BNA_M
ClientSampleId :
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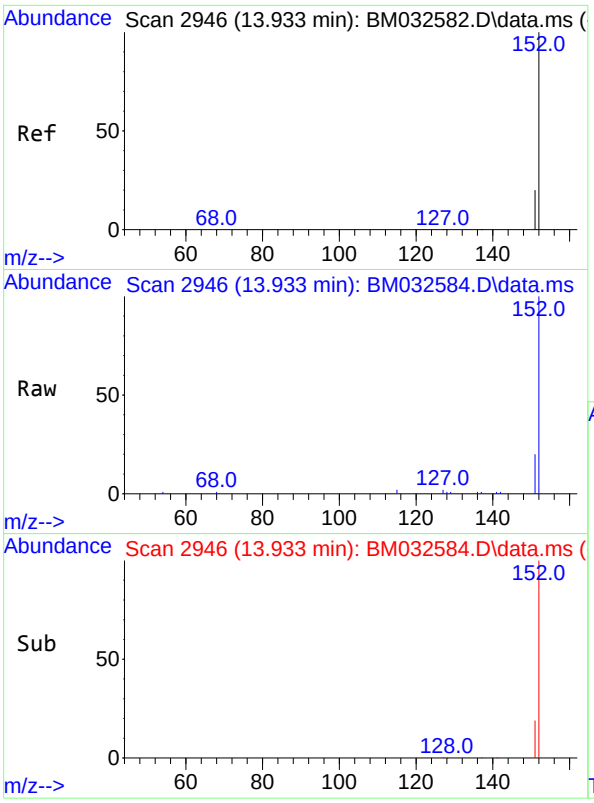
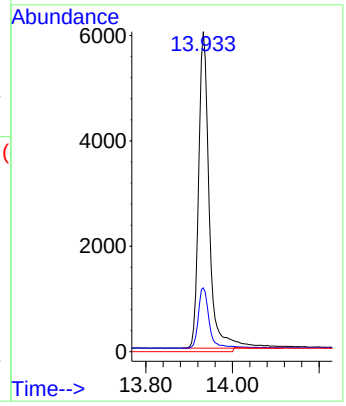
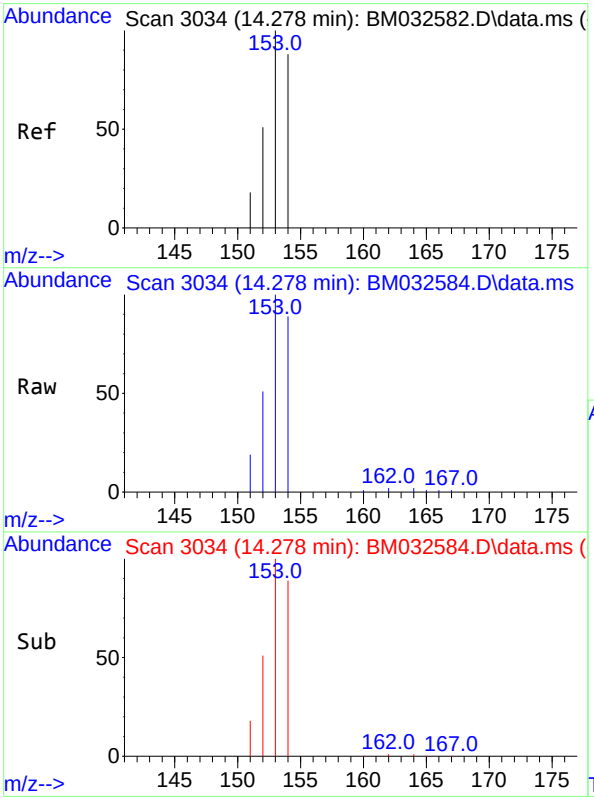


#10
Acenaphthylene
Concen: 0.33 ng/ul
RT: 13.933 min Scan# 2946
Delta R.T. 0.000 min
Lab File: BM032584.D
Acq: 19 Oct 2021 15:10

Tgt Ion:152 Resp: 9551

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.7	25.1
153	0.0	0.0	0.0

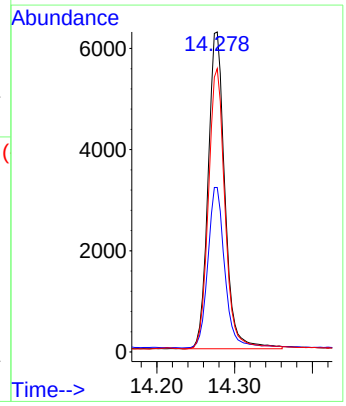


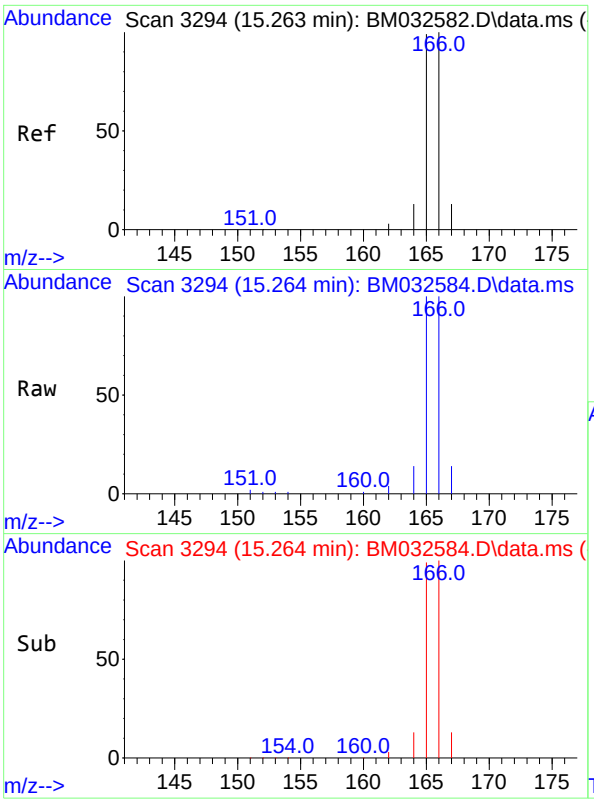


#11
Acenaphthene
Concen: 0.35 ng/ul
RT: 14.278 min Scan# 3034
Delta R.T. 0.000 min
Lab File: BM032584.D
Acq: 19 Oct 2021 15:10

Tgt Ion:153 Resp: 9383

Ion	Ratio	Lower	Upper
153	100		
152	51.4	40.4	60.6
154	88.6	70.8	106.2

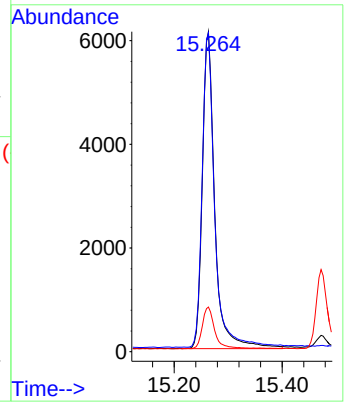




#12
Fluorene
Concen: 0.33 ng/ul
RT: 15.264 min Scan# 3294
Delta R.T. 0.000 min
Lab File: BM032584.D
Acq: 19 Oct 2021 15:10

Tgt Ion:166 Resp: 9779

Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.7	121.1
167	14.0	11.2	16.8



Instrument :
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ClientSampleId :
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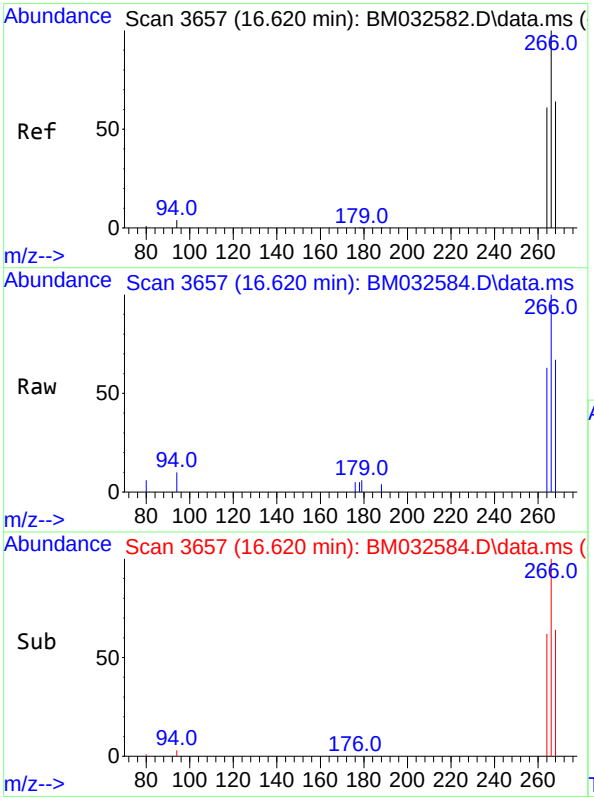
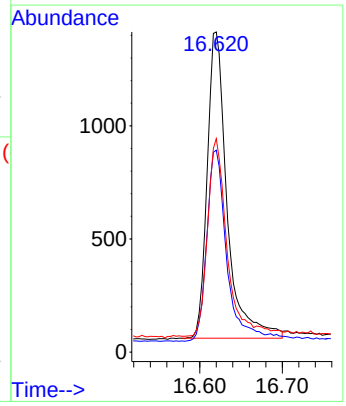
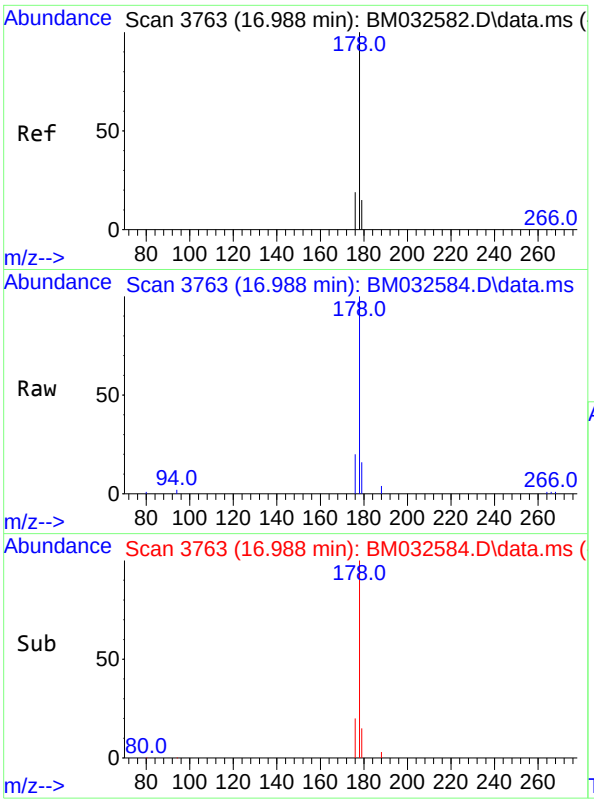


#14
Pentachlorophenol
Concen: 0.75 ng/ul
RT: 16.620 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BM032584.D
Acq: 19 Oct 2021 15:10

Tgt Ion:266 Resp: 2270

Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.8	76.2
268	63.8	50.2	75.2

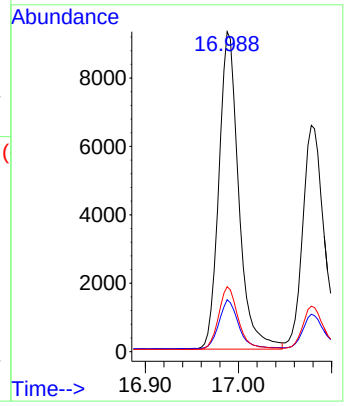


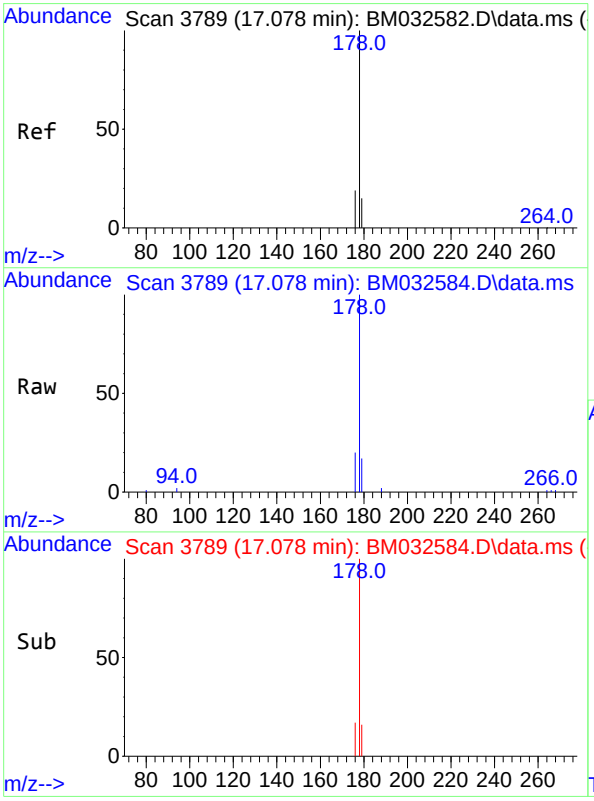


#15
Phenanthrene
Concen: 0.35 ng/ul
RT: 16.988 min Scan# 3763
Delta R.T. 0.000 min
Lab File: BM032584.D
Acq: 19 Oct 2021 15:10

Tgt Ion:178 Resp: 13737

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	20.3	16.1	24.1

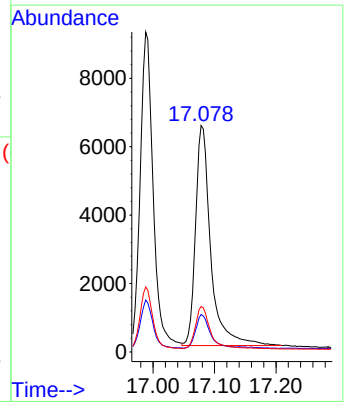




#16
Anthracene
Concen: 0.32 ng/ul
RT: 17.078 min Scan# 3789
Delta R.T. 0.000 min
Lab File: BM032584.D
Acq: 19 Oct 2021 15:10

Tgt Ion:178 Resp: 11070

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.9	19.3
176	20.1	15.8	23.6



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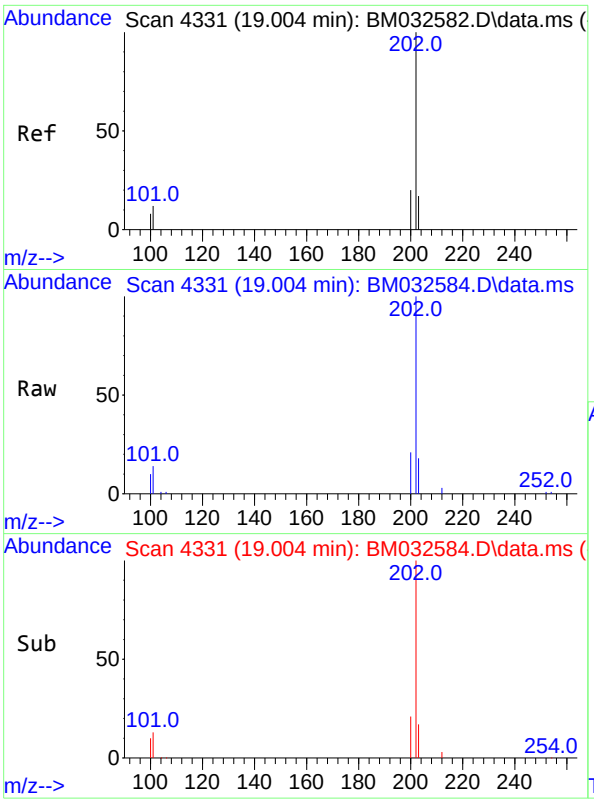
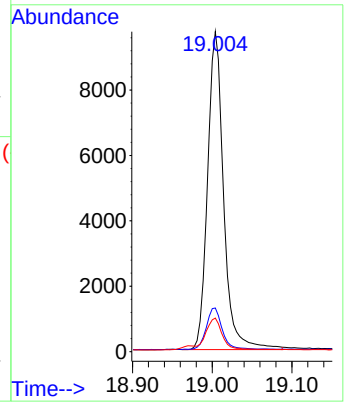
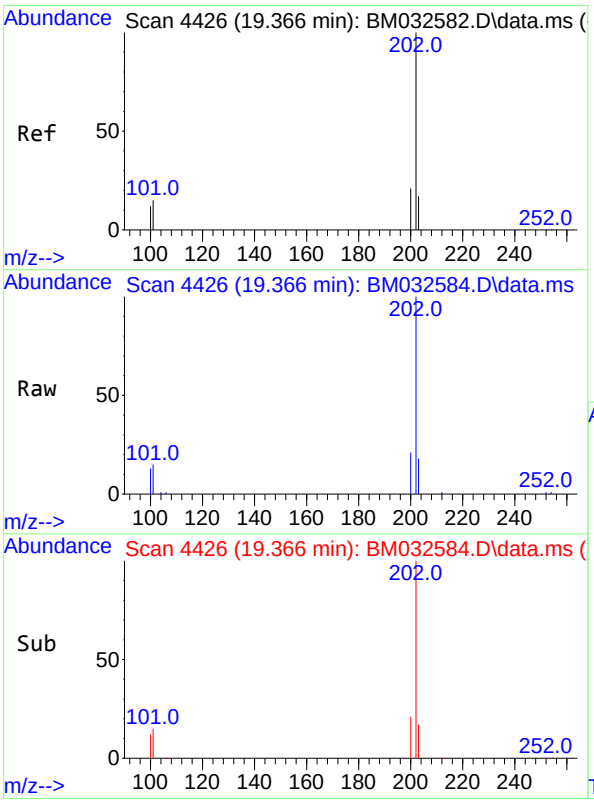


#19
Fluoranthene
Concen: 0.38 ng/ul
RT: 19.004 min Scan# 4331
Delta R.T. 0.000 min
Lab File: BM032584.D
Acq: 19 Oct 2021 15:10

Tgt Ion:202 Resp: 13591

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.6	16.0
100	10.5	7.8	11.8

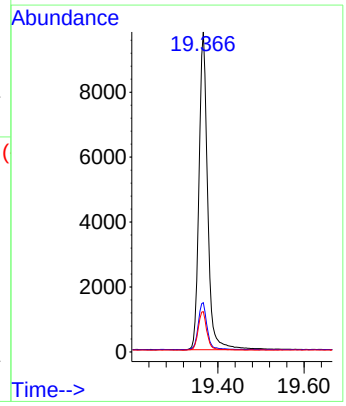




#20
Pyrene
Concen: 0.37 ng/ul
RT: 19.366 min Scan# 4426
Delta R.T. 0.000 min
Lab File: BM032584.D
Acq: 19 Oct 2021 15:10

Tgt Ion:202 Resp: 13633

Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.3	18.5
100	12.6	10.1	15.1



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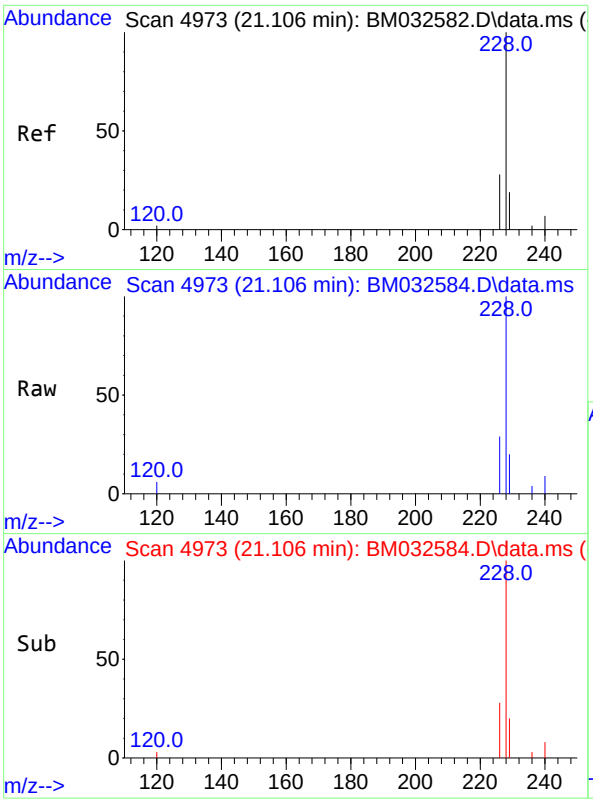
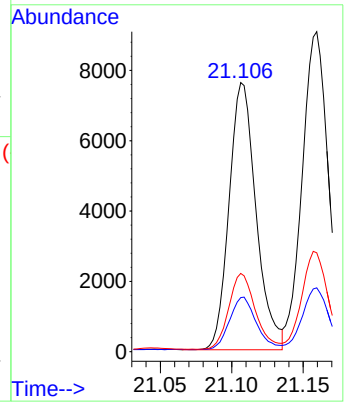


#21
Benzo(a)anthracene
Concen: 0.35 ng/ul
RT: 21.106 min Scan# 4973
Delta R.T. 0.000 min
Lab File: BM032584.D
Acq: 19 Oct 2021 15:10

Tgt Ion:228 Resp: 10015

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.9	23.9
226	29.0	22.4	33.6



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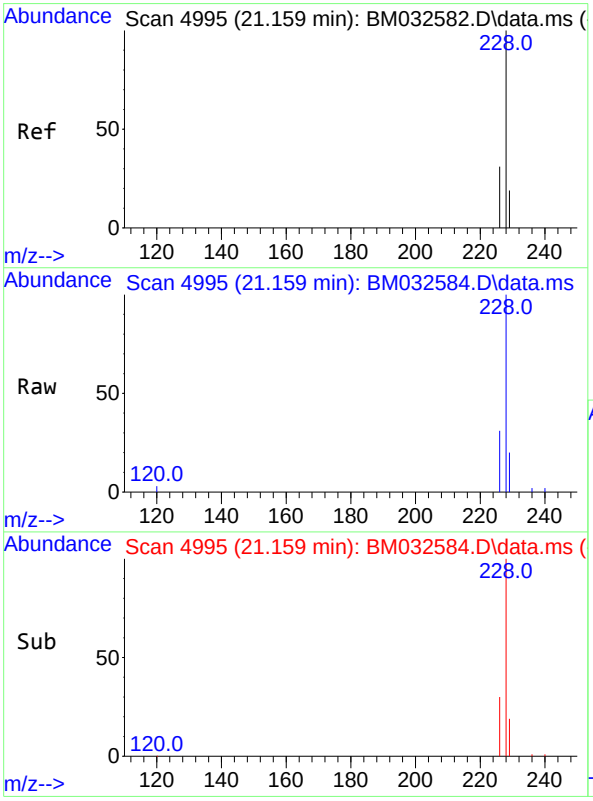
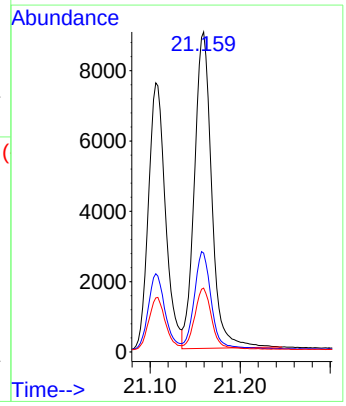
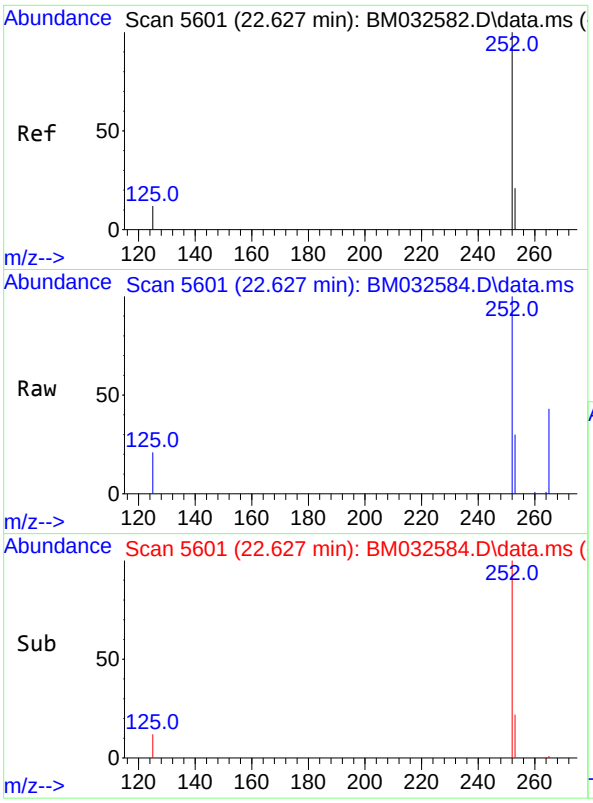


#22
Chrysene
Concen: 0.38 ng/ul
RT: 21.159 min Scan# 4995
Delta R.T. 0.000 min
Lab File: BM032584.D
Acq: 19 Oct 2021 15:10

Tgt Ion:228 Resp: 11963

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.1	37.7
229	20.0	15.7	23.5

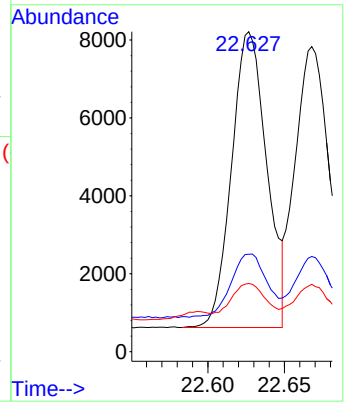


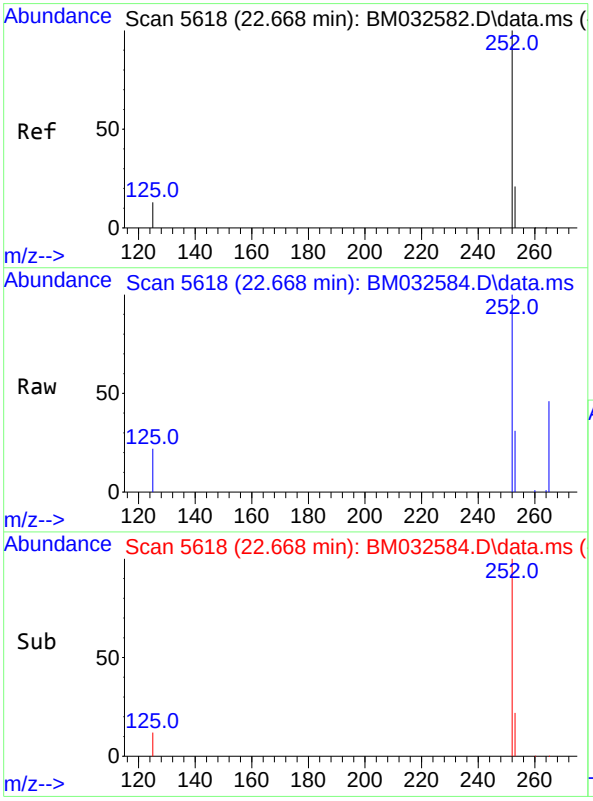


#24
Benzo(b)fluoranthene
Concen: 0.39 ng/ul
RT: 22.627 min Scan# 5601
Delta R.T. 0.000 min
Lab File: BM032584.D
Acq: 19 Oct 2021 15:10

Tgt Ion:252 Resp: 12135

Ion	Ratio	Lower	Upper
252	100		
253	30.5	0.0	53.8
125	21.3	0.0	35.6

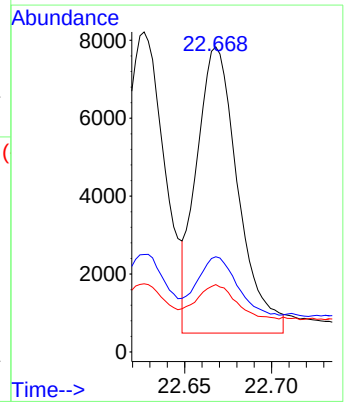




#25
Benzo(k)fluoranthene
Concen: 0.40 ng/ul m
RT: 22.668 min Scan# 5618
Delta R.T. 0.000 min
Lab File: BM032584.D
Acq: 19 Oct 2021 15:10

Tgt Ion:252 Resp: 12210

Ion	Ratio	Lower	Upper
252	100		
253	31.2	21.8	32.6
125	22.1	14.4	21.6#



Instrument :
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ClientSampleId :
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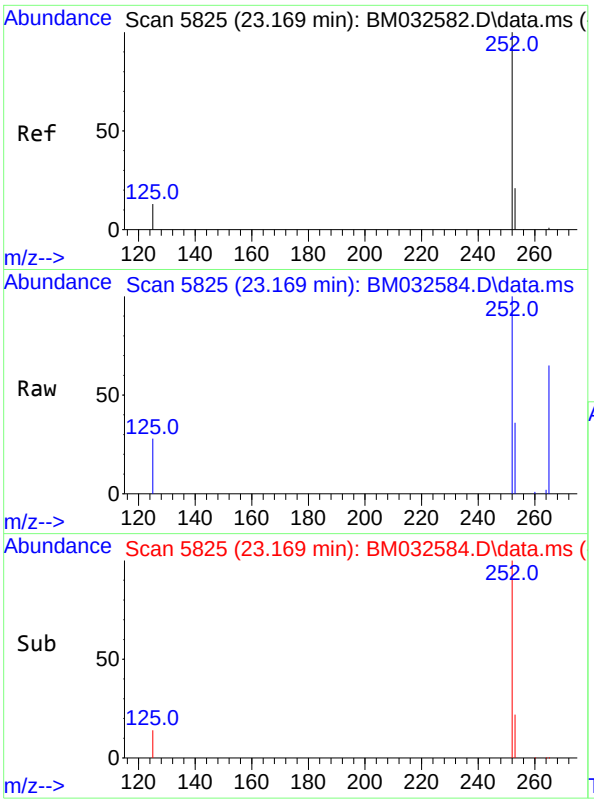
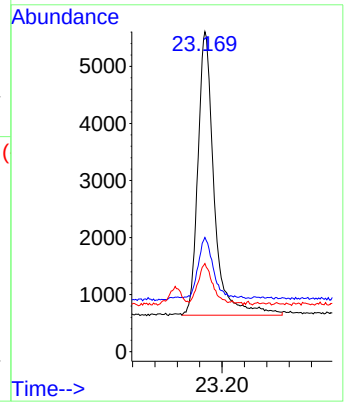


#26
Benzo(a)pyrene
Concen: 0.39 ng/ul
RT: 23.169 min Scan# 5825
Delta R.T. 0.000 min
Lab File: BM032584.D
Acq: 19 Oct 2021 15:10

Tgt Ion:252 Resp: 10017

Ion	Ratio	Lower	Upper
252	100		
253	35.7	23.6	35.4#
125	27.5	17.1	25.7#



Instrument :
BNA_M
ClientSampleId :
SLCS923

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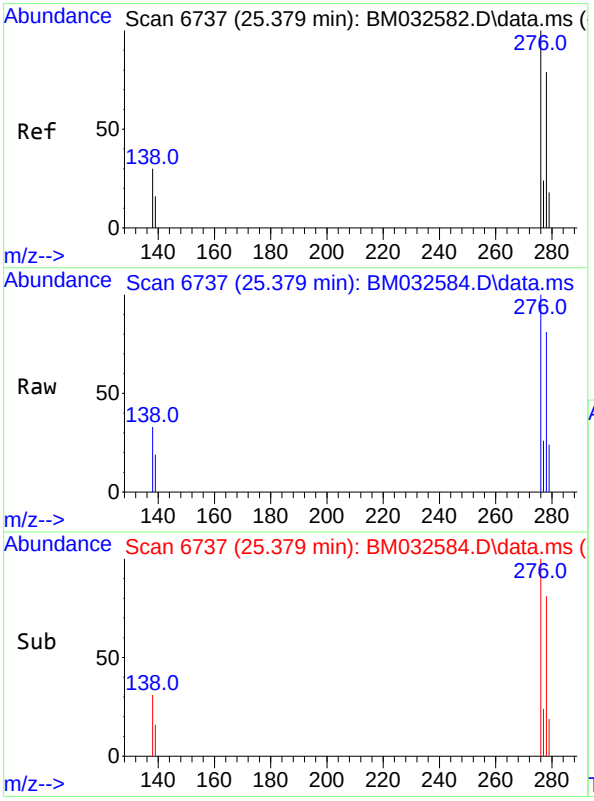
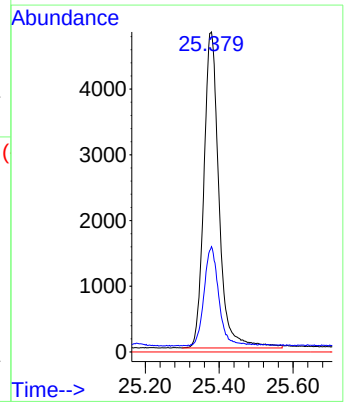
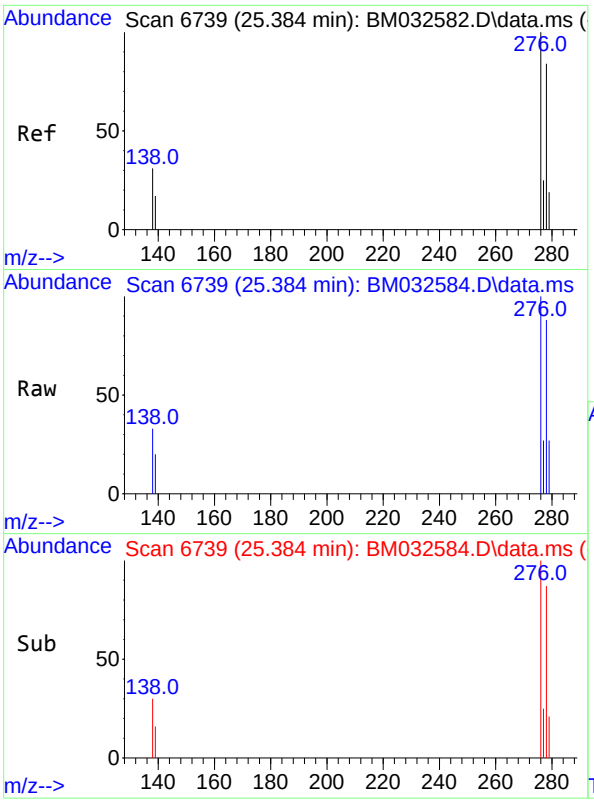


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.43 ng/ul
RT: 25.379 min Scan# 6737
Delta R.T. 0.000 min
Lab File: BM032584.D
Acq: 19 Oct 2021 15:10

Tgt Ion:276 Resp: 13679

Ion	Ratio	Lower	Upper
276	100		
138	30.6	24.9	37.3
227	0.0	0.0	0.0

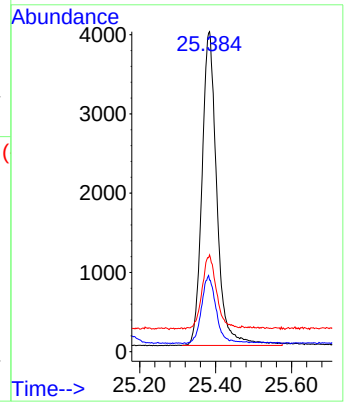




#28
Dibenzo(a,h)anthracene
Concen: 0.43 ng/ul
RT: 25.384 min Scan# 6739
Delta R.T. 0.000 min
Lab File: BM032584.D
Acq: 19 Oct 2021 15:10

Tgt Ion:278 Resp: 10763

Ion	Ratio	Lower	Upper
278	100		
139	22.4	18.6	28.0
279	30.3	22.0	33.0



Instrument :
BNA_M
ClientSampleId :
SLCS923

Manual Integrations APPROVED
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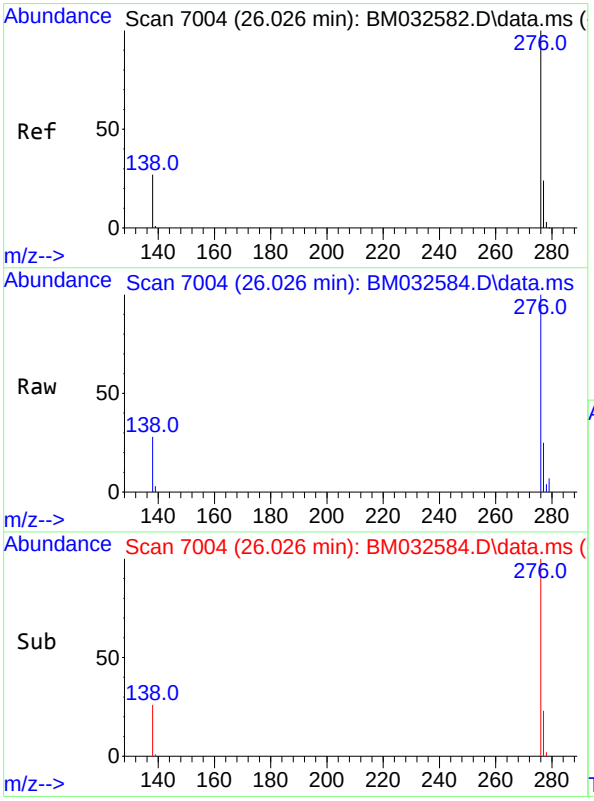

#29
Benzo(g,h,i)perylene
Concen: 0.45 ng/ul
RT: 26.026 min Scan# 7004
Delta R.T. 0.000 min
Lab File: BM032584.D
Acq: 19 Oct 2021 15:10

Tgt Ion:276 Resp: 12374

Ion	Ratio	Lower	Upper
276	100		
138	28.3	22.6	33.8
277	25.2	19.9	29.9