Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
Data File : BM032375.D
Acq On : 08 Oct 2021 02:59
Operator : CG/JU
Sample : PB139633BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS633

Quant Time: Oct 08 03:37:33 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 Oct 07 15:38:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.626	152	6249	0.40	ng/ul	0.00
4) Naphthalene-d8	10.411	136	20755	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.266	164	10959	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.995	188	22823	0.40	ng/ul	0.00
17) Chrysene-d12	21.157	240	18675	0.40	ng/ul	0.00
23) Perylene-d12	23.295	264	15245	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.968	96	4717	0.70	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.003	152	8765	0.32	ng/ul	0.00
18) Fluoranthene-d10	19.015	212	18190	0.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.003	88	13223	1.91	ng/ul	89
5) Naphthalene	10.461	128	19219	0.31	ng/ul	99
7) 2-Methylnaphthalene	12.075	142	12524	0.32	ng/ul	99
8) 1-Methylnaphthalene	12.300	142	11985	0.31	ng/ul	100
10) Acenaphthylene	13.987	152	12067	0.27	ng/ul#	86
11) Acenaphthene	14.331	153	13470	0.33	ng/ul	98
12) Fluorene	15.313	166	15014	0.33	ng/ul	100
14) Pentachlorophenol	16.662	266	3296	0.57	ng/ul	99
15) Phenanthrene	17.036	178	24234	0.33	ng/ul	99
16) Anthracene	17.123	178	19076	0.31	ng/ul	99
19) Fluoranthene	19.042	202	27337	0.35	ng/ul	97
20) Pyrene	19.404	202	27504	0.35	ng/ul	99
21) Benzo(a)anthracene	21.140	228	21695	0.33	ng/ul	100
22) Chrysene	21.188	228	26282	0.34	ng/ul	100
24) Benzo(b)fluoranthene	22.658	252	25173	0.32	ng/ul	98
25) Benzo(k)fluoranthene	22.699	252	25210	0.33	ng/ul	99
26) Benzo(a)pyrene	23.203	252	19242	0.32	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.413	276	23533	0.31	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.415	278	19109	0.31	ng/ul	99
29) Benzo(g,h,i)perylene	26.065	276	21265	0.30	ng/ul	99

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

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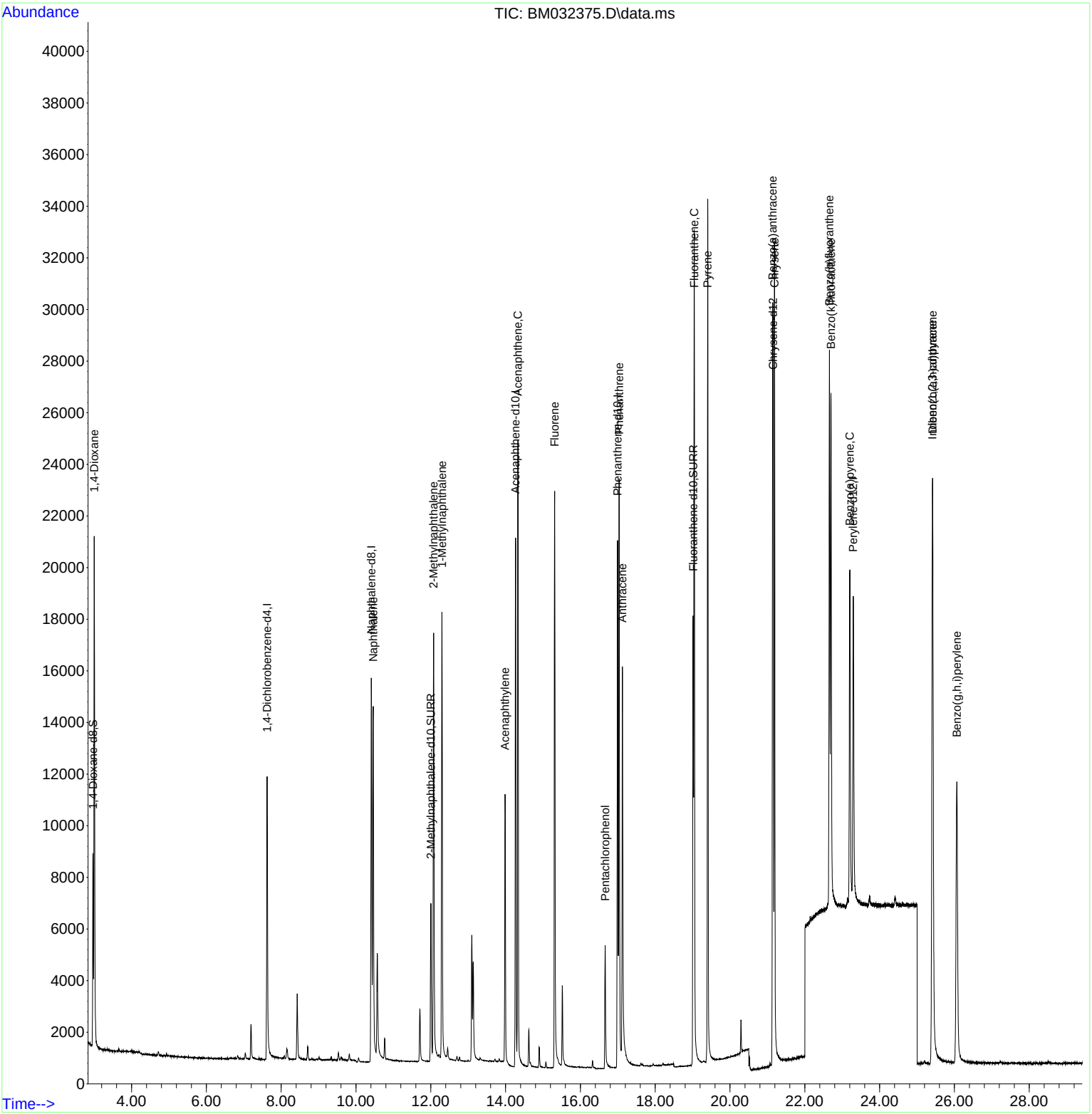

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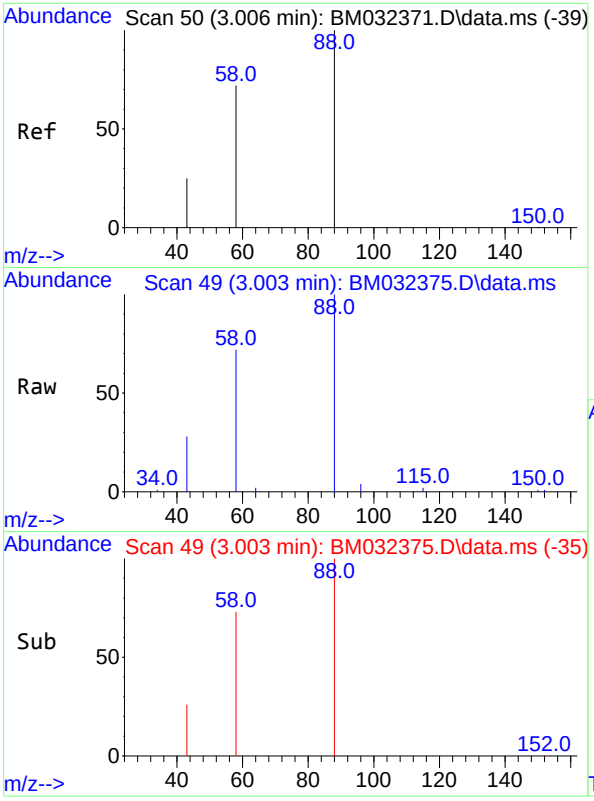
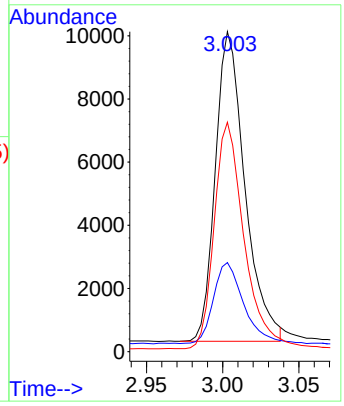
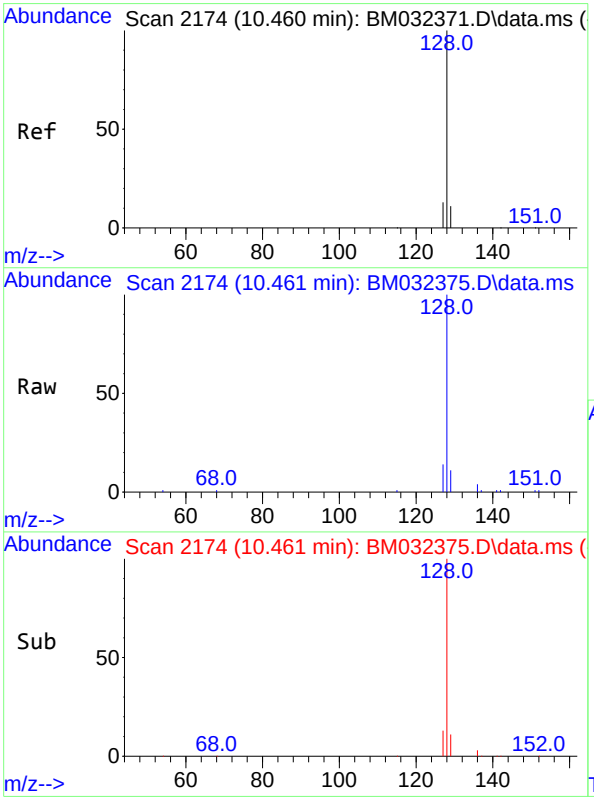


#2
1,4-Dioxane
Concen: 1.91 ng/ul
RT: 3.003 min Scan# 49
Delta R.T. 0.000 min
Lab File: BM032375.D
Acq: 08 Oct 2021 02:59

Tgt Ion: 88 Resp: 13223

Ion	Ratio	Lower	Upper
88	100		
43	27.9	26.1	39.1
58	71.7	50.2	75.2

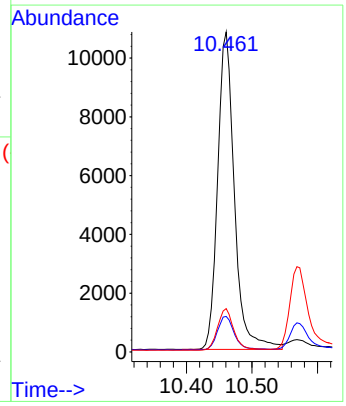




#5
Naphthalene
Concen: 0.31 ng/ul
RT: 10.461 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BM032375.D
Acq: 08 Oct 2021 02:59

Tgt Ion:128 Resp: 19219

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.6	10.5	15.7



Instrument :
BNA_M
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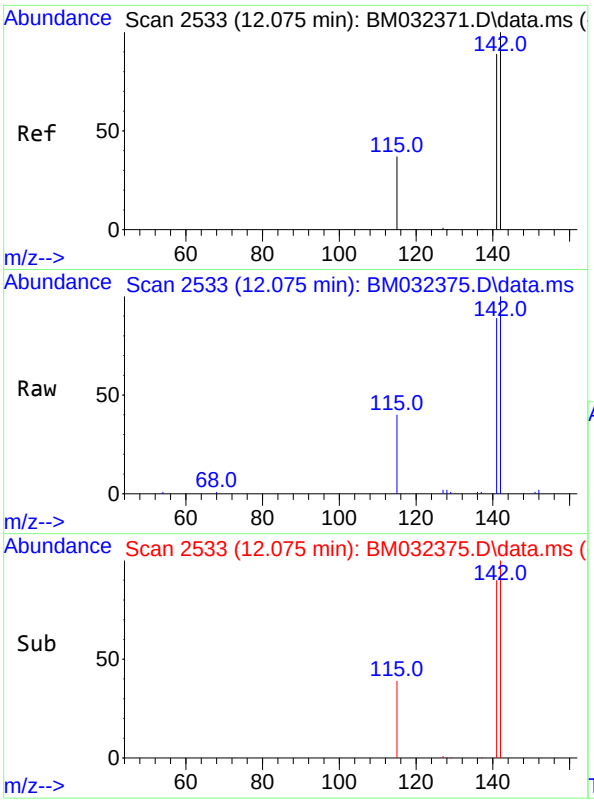
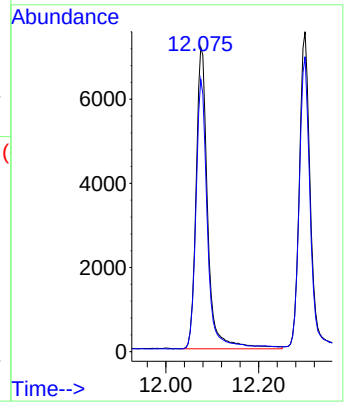
SLCS633

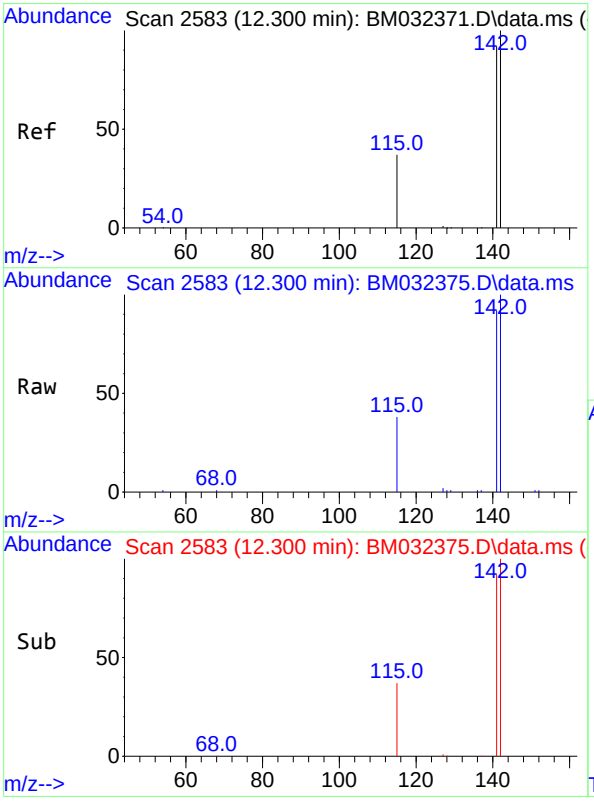


#7
2-Methylnaphthalene
Concen: 0.32 ng/ul
RT: 12.075 min Scan# 2533
Delta R.T. -0.004 min
Lab File: BM032375.D
Acq: 08 Oct 2021 02:59

Tgt Ion:142 Resp: 12524

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.2	106.8

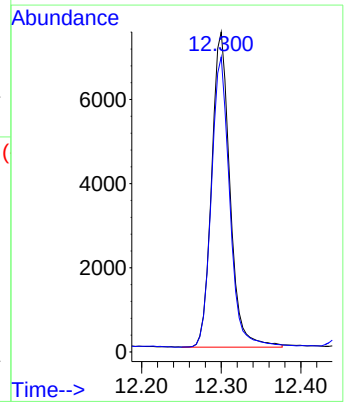


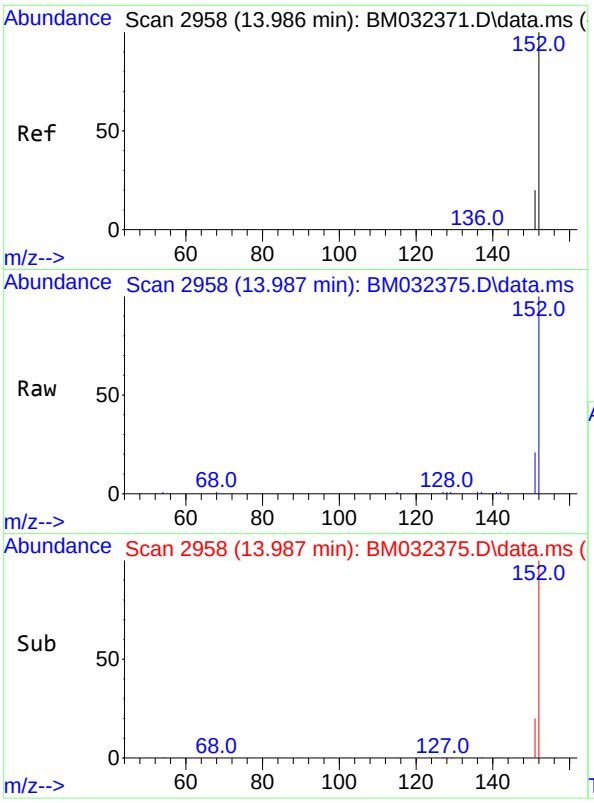


#8
1-Methylnaphthalene
Concen: 0.31 ng/ul
RT: 12.300 min Scan# 2583
Delta R.T. 0.000 min
Lab File: BM032375.D
Acq: 08 Oct 2021 02:59

Tgt Ion:142 Resp: 11985

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.8	110.6

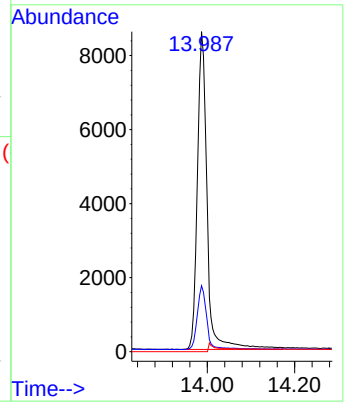




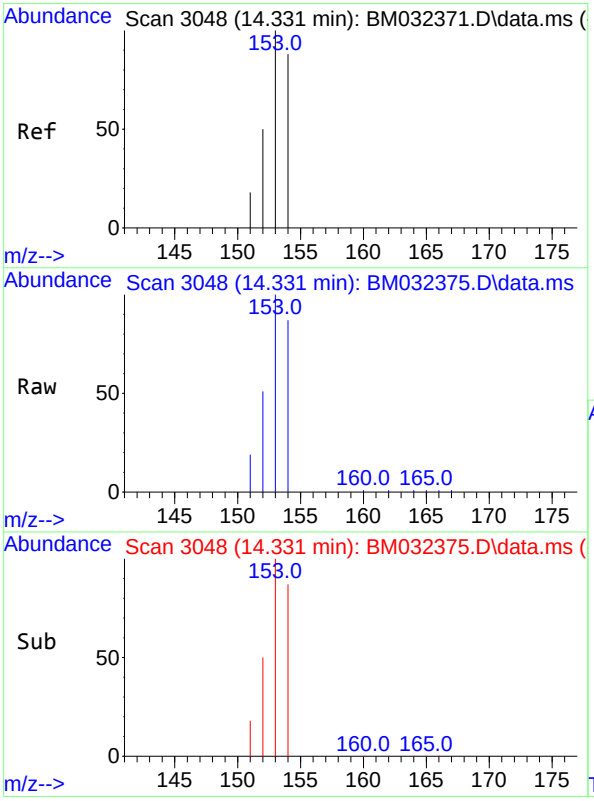
#10
Acenaphthylene
Concen: 0.27 ng/ul
RT: 13.987 min Scan# 2958
Delta R.T. -0.004 min
Lab File: BM032375.D
Acq: 08 Oct 2021 02:59

Tgt Ion:152 Resp: 12067

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.0	24.0
153	0.0	10.7	16.1#



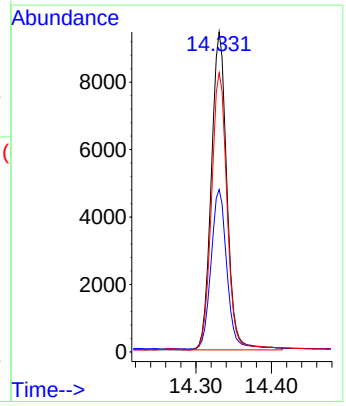
Instrument :
BNA_M
ClientSampleId :
SLCS633



#11
Acenaphthene
Concen: 0.33 ng/ul
RT: 14.331 min Scan# 3048
Delta R.T. -0.004 min
Lab File: BM032375.D
Acq: 08 Oct 2021 02:59

Tgt Ion:153 Resp: 13470

Ion	Ratio	Lower	Upper
153	100		
152	50.8	41.6	62.4
154	87.3	71.2	106.8



Instrument :
BNA_M
ClientSampleId :
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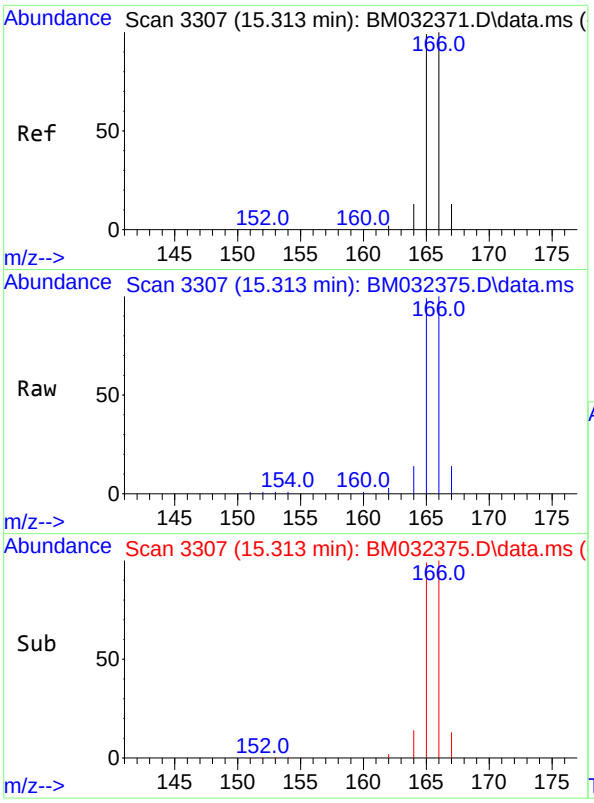
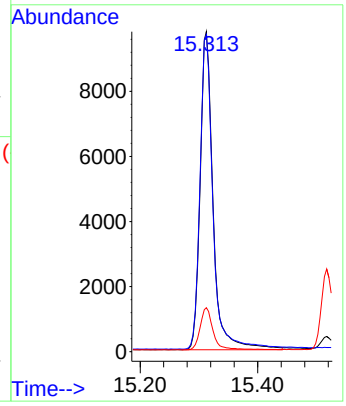
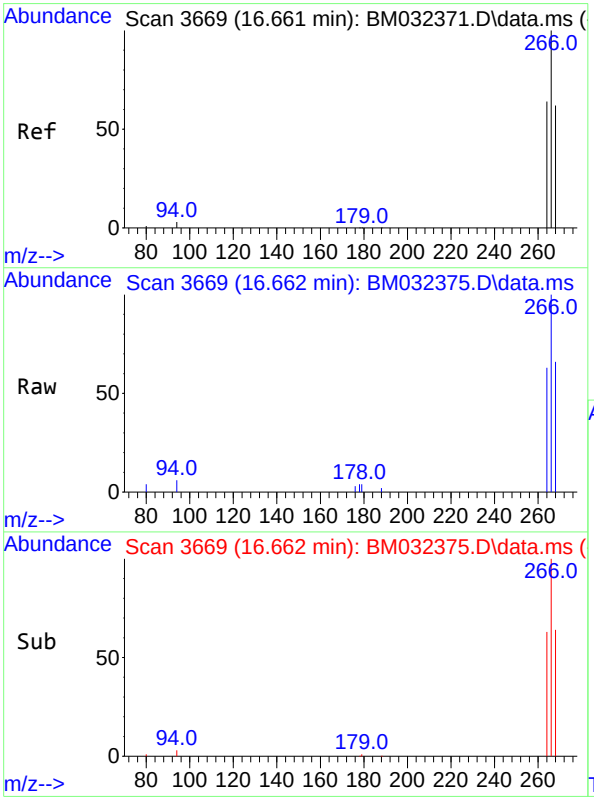


#12
Fluorene
Concen: 0.33 ng/ul
RT: 15.313 min Scan# 3307
Delta R.T. 0.000 min
Lab File: BM032375.D
Acq: 08 Oct 2021 02:59

Tgt Ion:166 Resp: 15014

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.4	119.2
167	13.7	10.8	16.2

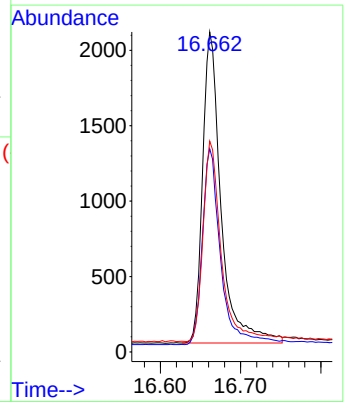




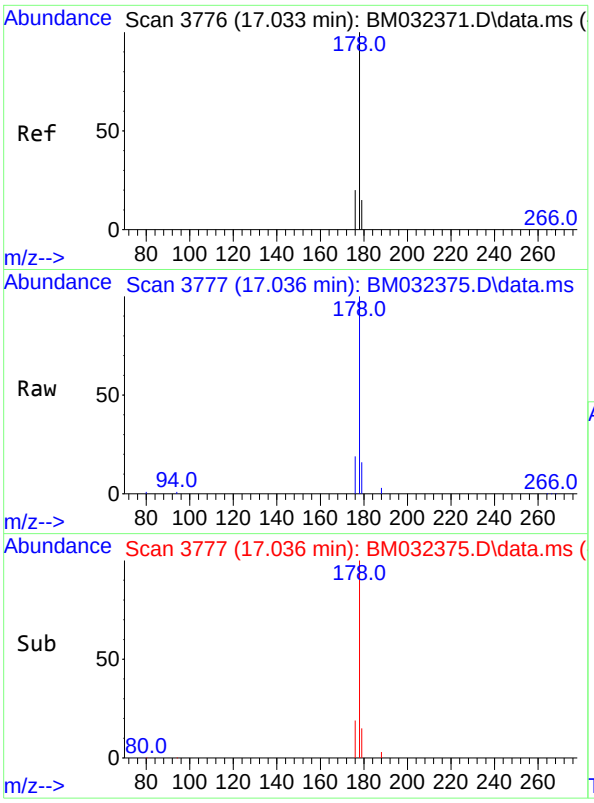
#14
Pentachlorophenol
Concen: 0.57 ng/ul
RT: 16.662 min Scan# 3669
Delta R.T. -0.003 min
Lab File: BM032375.D
Acq: 08 Oct 2021 02:59

Tgt Ion:266 Resp: 3296

Ion	Ratio	Lower	Upper
266	100		
264	62.4	49.8	74.8
268	63.7	50.4	75.6



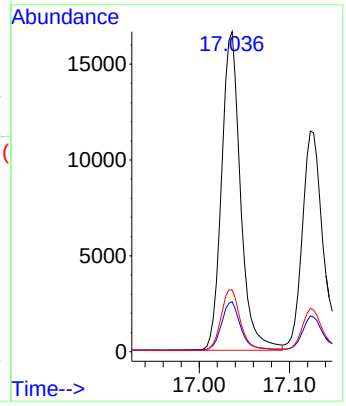
Instrument :
BNA_M
ClientSampleId :
SLCS633

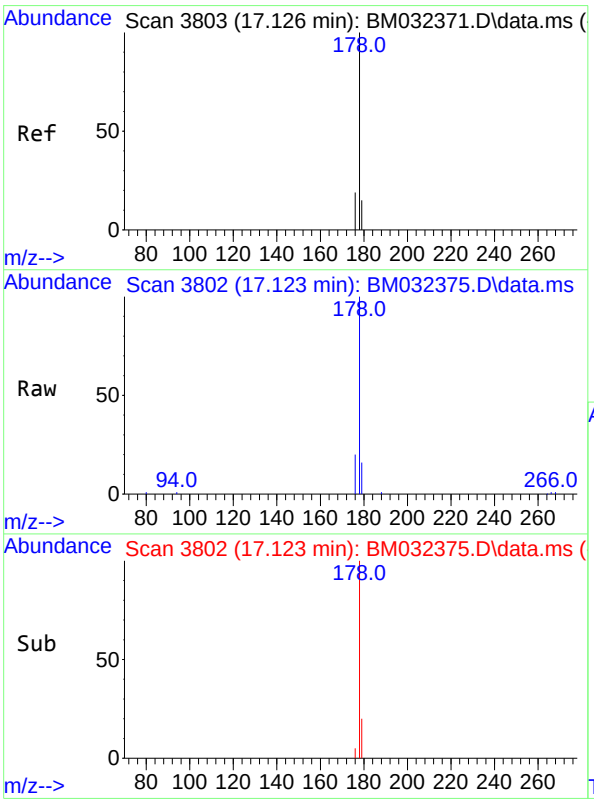


#15
Phenanthrene
Concen: 0.33 ng/ul
RT: 17.036 min Scan# 3777
Delta R.T. 0.000 min
Lab File: BM032375.D
Acq: 08 Oct 2021 02:59

Tgt Ion:178 Resp: 24234

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	19.3	15.8	23.6

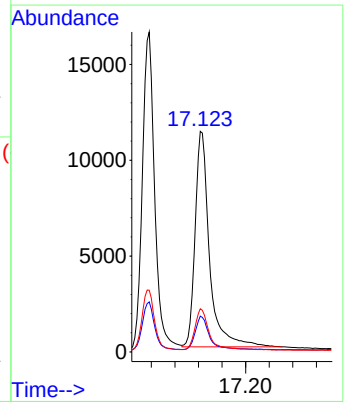




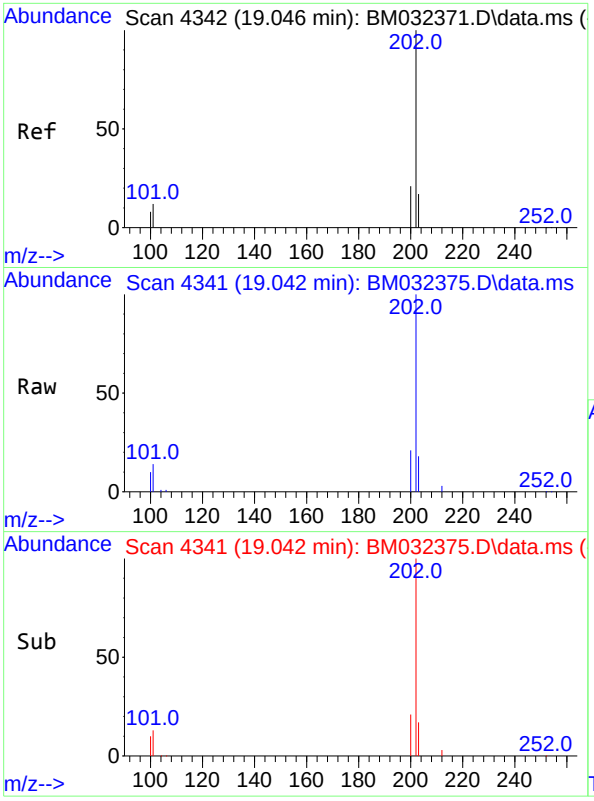
#16
Anthracene
Concen: 0.31 ng/ul
RT: 17.123 min Scan# 3802
Delta R.T. -0.003 min
Lab File: BM032375.D
Acq: 08 Oct 2021 02:59

Tgt Ion:178 Resp: 19076

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.7	19.1
176	19.6	15.3	22.9



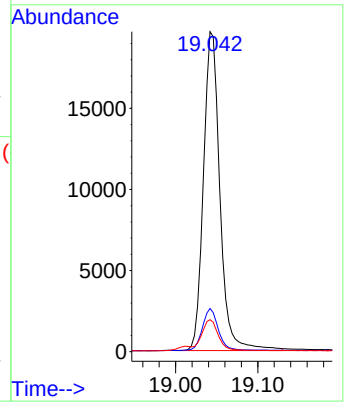
Instrument :
BNA_M
ClientSampleId :
SLCS633

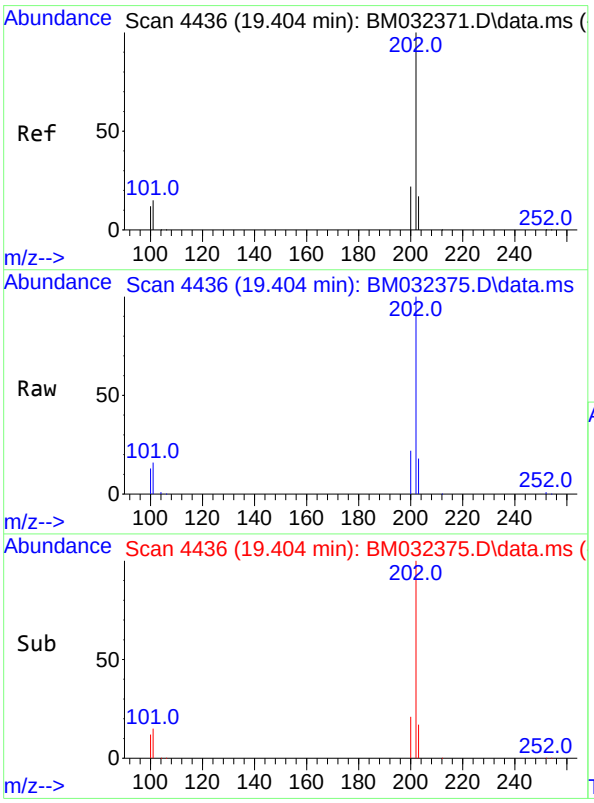


#19
Fluoranthene
Concen: 0.35 ng/ul
RT: 19.042 min Scan# 4341
Delta R.T. -0.004 min
Lab File: BM032375.D
Acq: 08 Oct 2021 02:59

Tgt Ion:202 Resp: 27337

Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.8	14.8
100	10.0	7.2	10.8

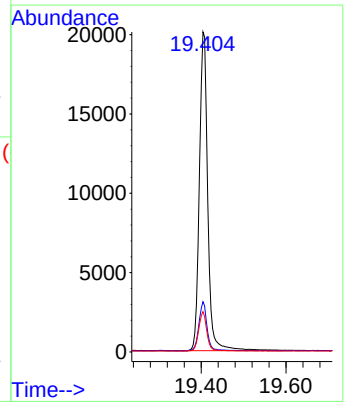




#20
Pyrene
Concen: 0.35 ng/ul
RT: 19.404 min Scan# 4436
Delta R.T. -0.004 min
Lab File: BM032375.D
Acq: 08 Oct 2021 02:59

Tgt Ion:202 Resp: 27504

Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.1	18.1
100	12.6	9.8	14.6



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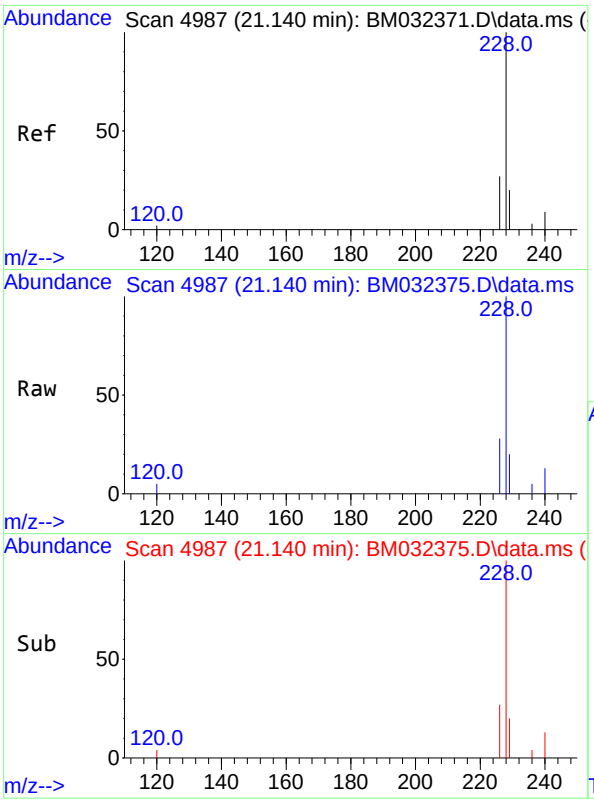
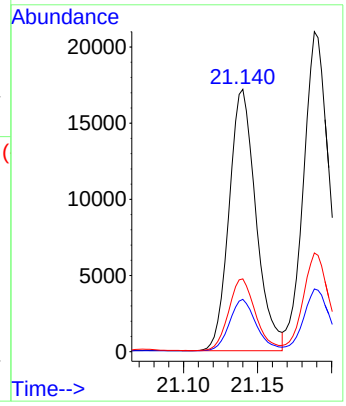
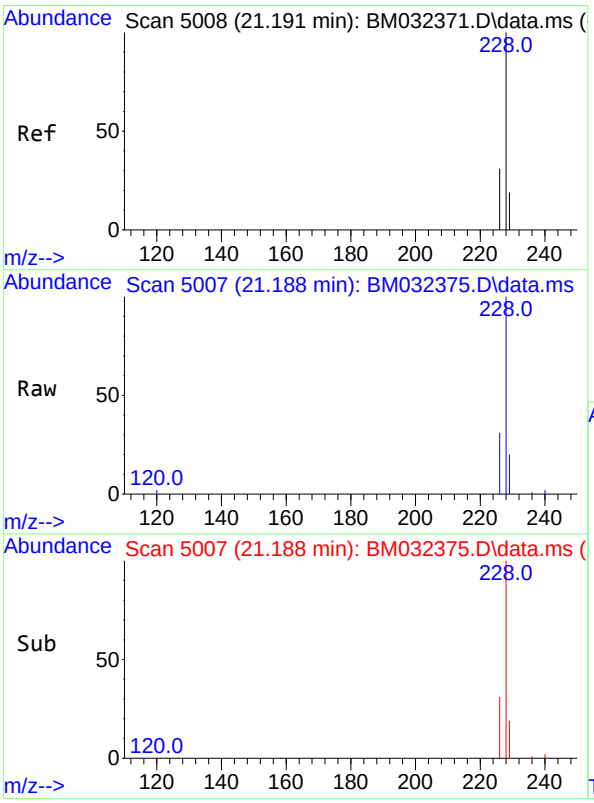


#21
Benzo(a)anthracene
Concen: 0.33 ng/ul
RT: 21.140 min Scan# 4987
Delta R.T. -0.002 min
Lab File: BM032375.D
Acq: 08 Oct 2021 02:59

Tgt Ion:228 Resp: 21695

Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.0	24.0
226	27.7	22.3	33.5

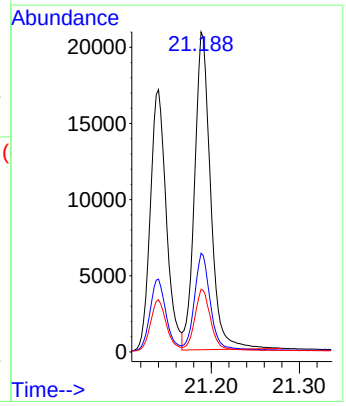


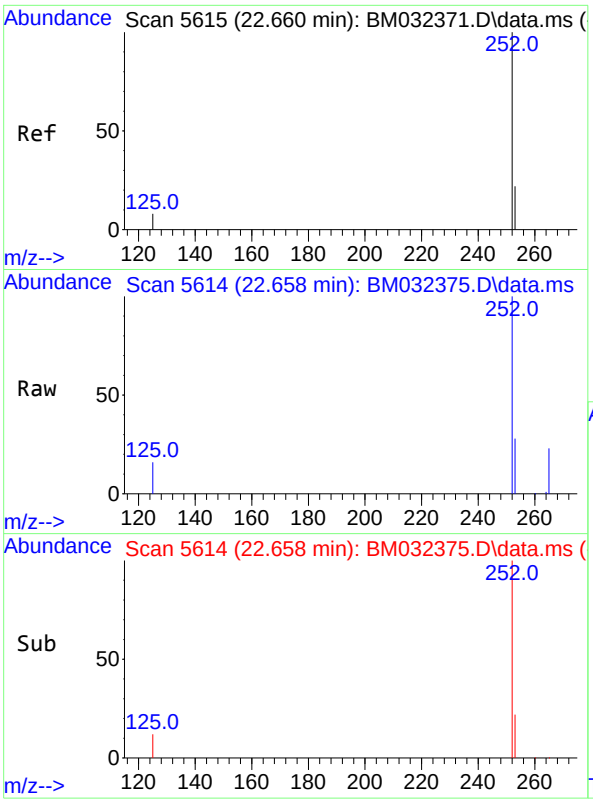


#22
Chrysene
Concen: 0.34 ng/ul
RT: 21.188 min Scan# 5007
Delta R.T. -0.007 min
Lab File: BM032375.D
Acq: 08 Oct 2021 02:59

Tgt Ion:228 Resp: 26282

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	37.0
229	19.6	15.6	23.4

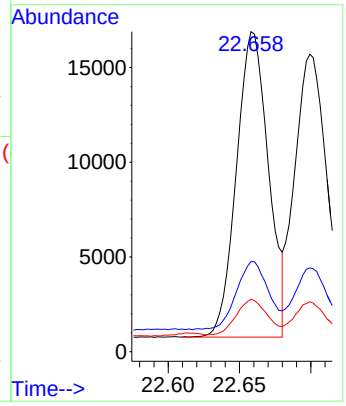




#24
Benzo(b)fluoranthene
Concen: 0.32 ng/ul
RT: 22.658 min Scan# 5614
Delta R.T. -0.007 min
Lab File: BM032375.D
Acq: 08 Oct 2021 02:59

Tgt Ion:252 Resp: 25173

Ion	Ratio	Lower	Upper
252	100		
253	28.2	0.0	58.0
125	16.4	0.0	31.4



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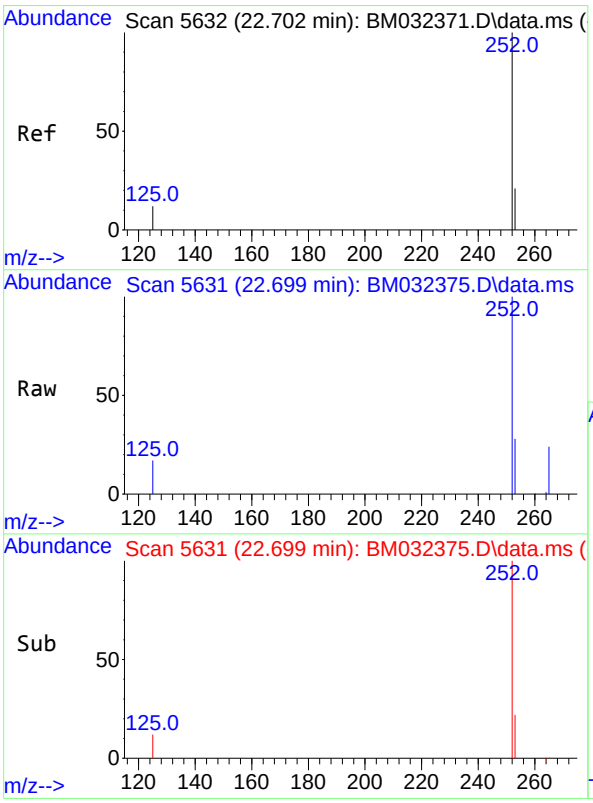
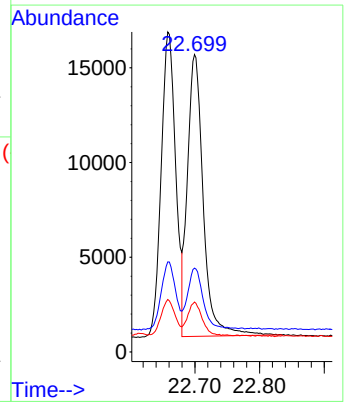


#25
Benzo(k)fluoranthene
Concen: 0.33 ng/ul
RT: 22.699 min Scan# 5631
Delta R.T. -0.005 min
Lab File: BM032375.D
Acq: 08 Oct 2021 02:59

Tgt Ion:252 Resp: 25210

Ion	Ratio	Lower	Upper
252	100		
253	28.2	22.9	34.3
125	16.8	12.9	19.3



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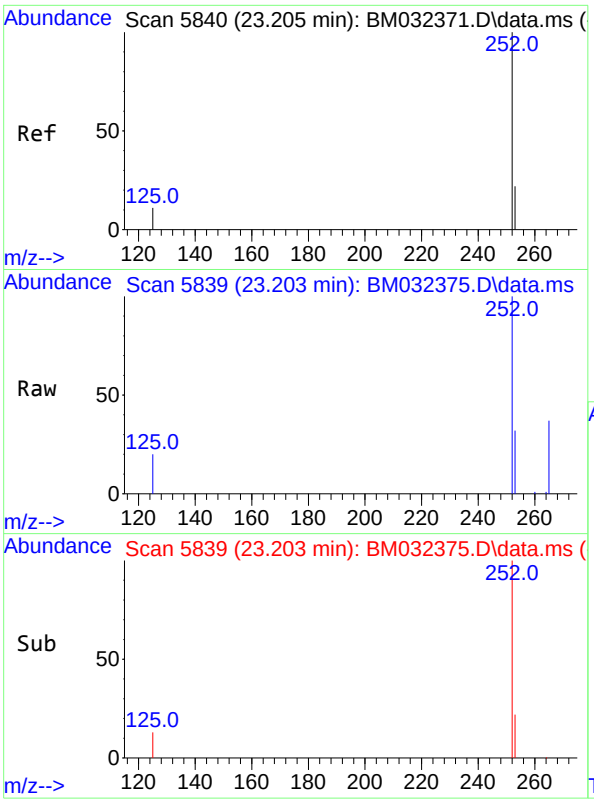
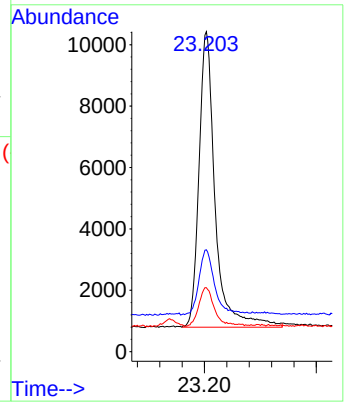
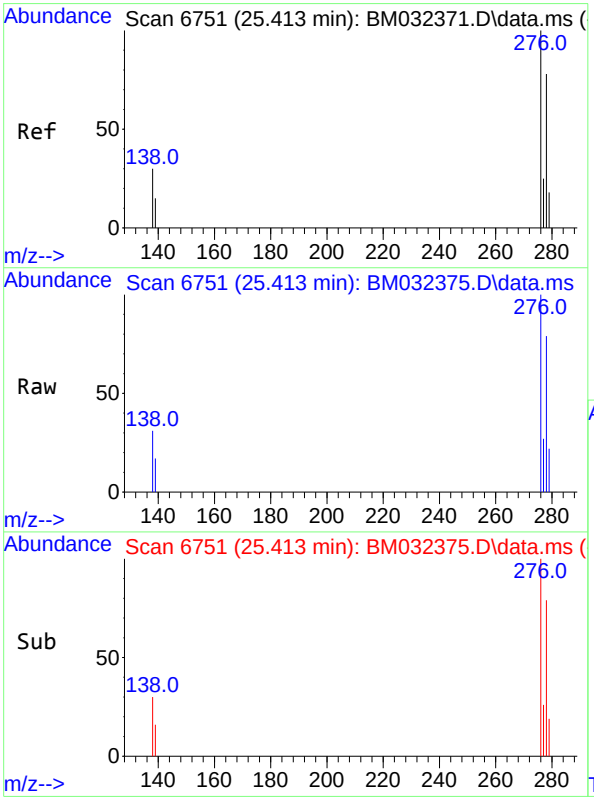


#26
Benzo(a)pyrene
Concen: 0.32 ng/ul
RT: 23.203 min Scan# 5839
Delta R.T. -0.005 min
Lab File: BM032375.D
Acq: 08 Oct 2021 02:59

Tgt Ion:252 Resp: 19242

Ion	Ratio	Lower	Upper
252	100		
253	31.9	25.8	38.8
125	20.0	15.4	23.2

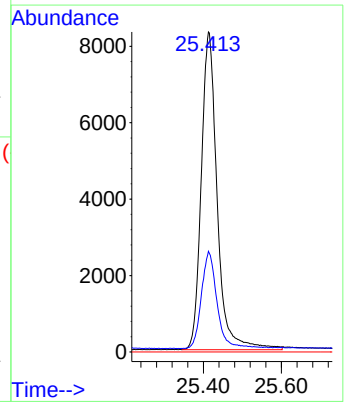




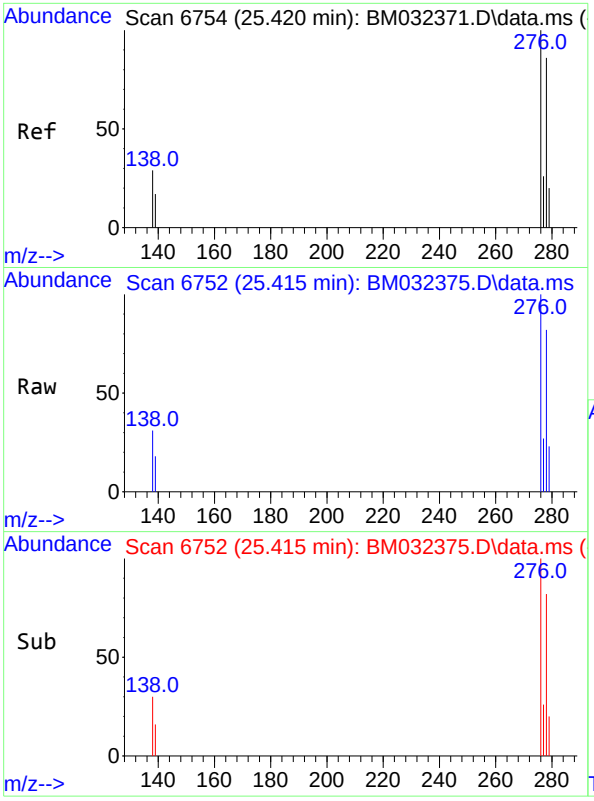
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.31 ng/ul
RT: 25.413 min Scan# 6751
Delta R.T. -0.007 min
Lab File: BM032375.D
Acq: 08 Oct 2021 02:59

Tgt Ion:276 Resp: 23533

Ion	Ratio	Lower	Upper
276	100		
138	30.0	24.3	36.5
227	0.0	0.0	0.0



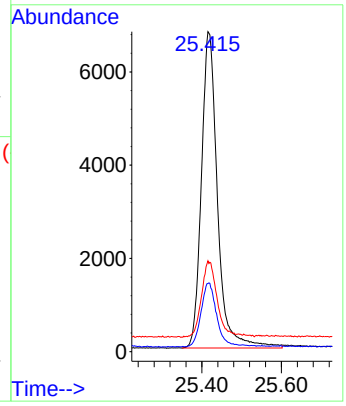
Instrument :
BNA_M
ClientSampleId :
SLCS633

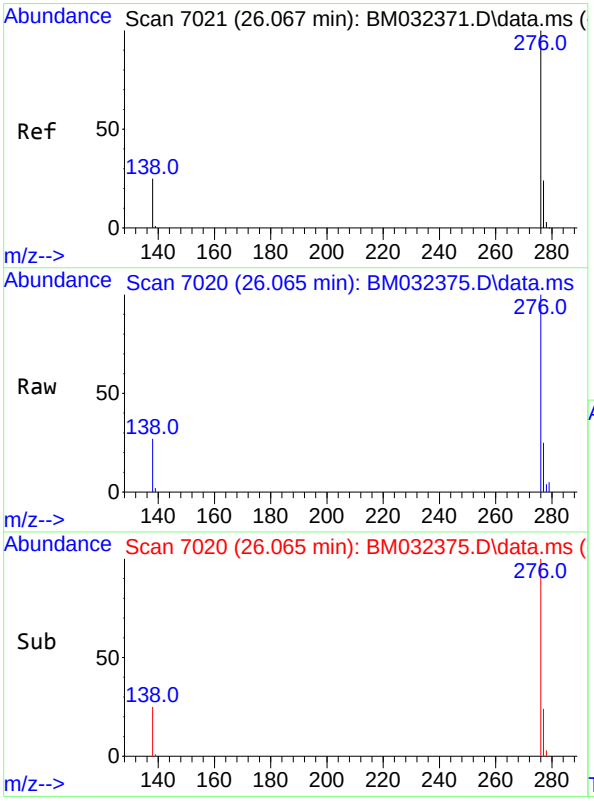


#28
Dibenzo(a,h)anthracene
Concen: 0.31 ng/ul
RT: 25.415 min Scan# 6752
Delta R.T. -0.007 min
Lab File: BM032375.D
Acq: 08 Oct 2021 02:59

Tgt Ion:278 Resp: 19109

Ion	Ratio	Lower	Upper
278	100		
139	21.3	16.6	24.8
279	28.4	23.0	34.6





#29
Benzo(g,h,i)perylene
Concen: 0.30 ng/ul
RT: 26.065 min Scan# 7020
Delta R.T. -0.007 min
Lab File: BM032375.D
Acq: 08 Oct 2021 02:59

Tgt Ion:276 Resp: 21265

Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.0	31.4
277	25.2	19.8	29.8