Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121423\
Data File : BM043344.D
Acq On : 14 Dec 2023 20:08
Operator : MA/JU
Sample : 05626-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCLG5

Quant Time: Dec 14 23:27:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 22:33:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	298932	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.792	136	1246685	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.616	164	689433	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.357	188	1309608	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.527	240	1037549	20.000	ng/ul	# 0.00
88) Perylene-d12	23.944	264	1200311	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	37417	4.912	ng/uL	0.00
4) Pyridine-d5	3.810	84	238064	10.534	ng/ul	0.00
7) Phenol-d5	7.145	99	750542	25.290	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.322	67	477066	25.967	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.510	132	582761	25.758	ng/ul	-0.02
15) 4-Methylphenol-d8	8.692	113	568604	24.218	ng/ul	-0.02
21) Nitrobenzene-d5	9.157	128	284722	26.795	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.875	143	299900	29.268	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.410	165	530737	23.238	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.939	131	651929	19.839	ng/ul	-0.01
46) Dimethylphthalate-d6	14.033	166	1519330	25.140	ng/ul	-0.01
49) Acenaphthylene-d8	14.310	160	1833352	26.221	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.810	143	260326	24.039	ng/ul	-0.01
60) Fluorene-d10	15.604	176	1301051	24.696	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.727	200	161485	22.404	ng/ul	0.00
73) Anthracene-d10	17.457	188	1917579	27.065	ng/ul	0.00
81) Pyrene-d10	19.739	212	2016687	30.377	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	1905475	27.206	ng/ul	-0.01
Target Compounds						Qvalue
16) Acetophenone	8.822	105	76477	2.027	ng/ul#	94
52) Acenaphthene	14.680	153	178468	3.424	ng/ul	100
56) Dibenzofuran	15.010	168	119128	1.673	ng/ul	95
61) Fluorene	15.663	166	161740	2.624	ng/ul	97
72) Phenanthrene	17.398	178	586130	7.177	ng/ul	100
74) Anthracene	17.492	178	1140355	13.862	ng/ul	99
77) Carbazole	17.762	167	253050	3.745	ng/ul	99
80) Fluoranthene	19.409	202	957746	12.576	ng/ul#	93
82) Pyrene	19.768	202	831684	10.499	ng/ul#	92
85) Benzo(a)anthracene	21.509	228	167929	2.111	ng/ul	95
87) Chrysene	21.562	228	200592	2.823	ng/ul	98
90) Benzo(b)fluoranthene	23.203	252	405179	4.731	ng/ul#	94
91) Benzo(k)fluoranthene	23.203	252	405179	4.750	ng/ul#	95
93) Benzo(a)pyrene	23.839	252	211503	2.672	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.450	276	129588	1.437	ng/ul#	93

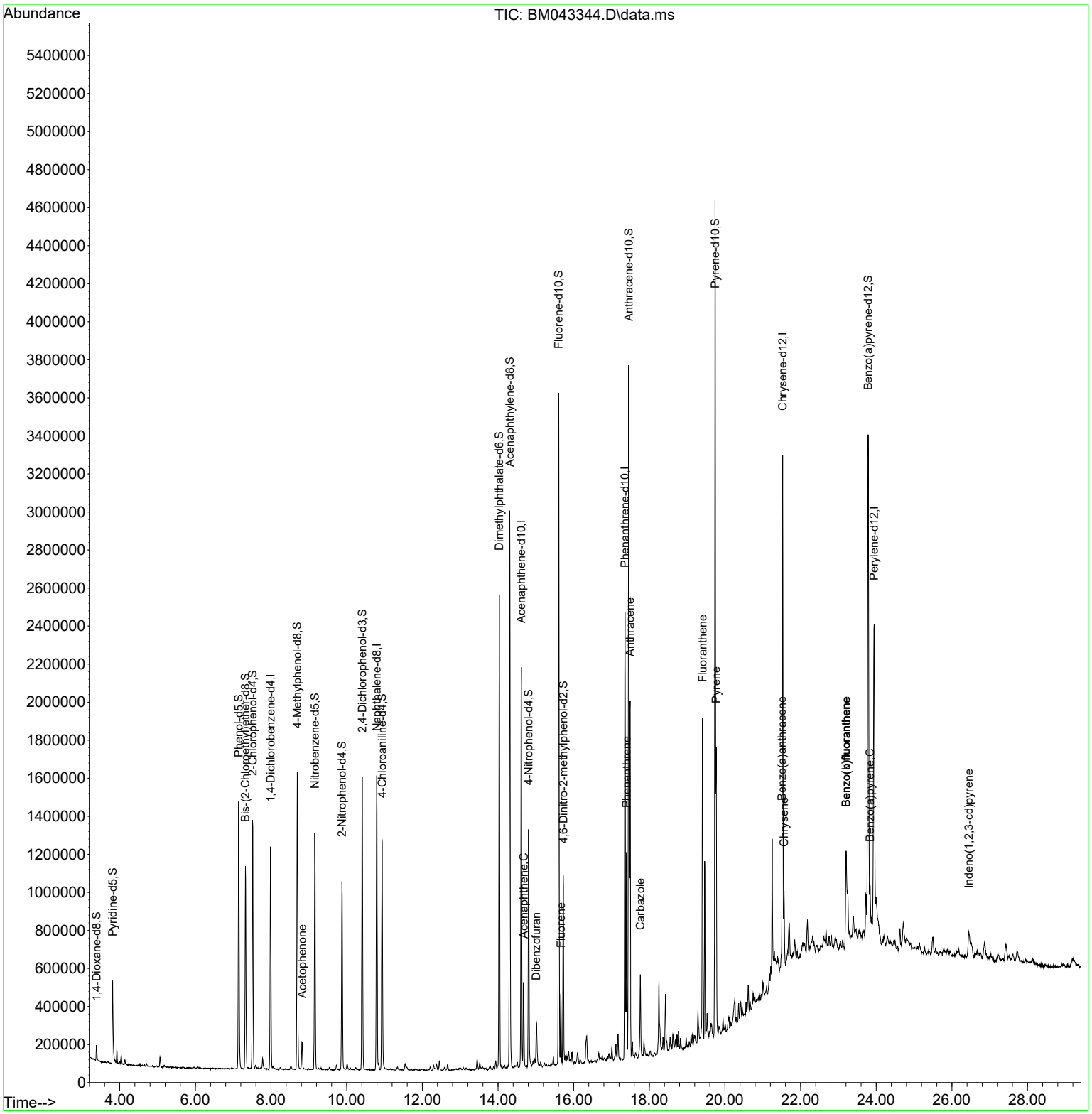
(#) = qualifier out of range (m) = manual integration (+) = signals summed

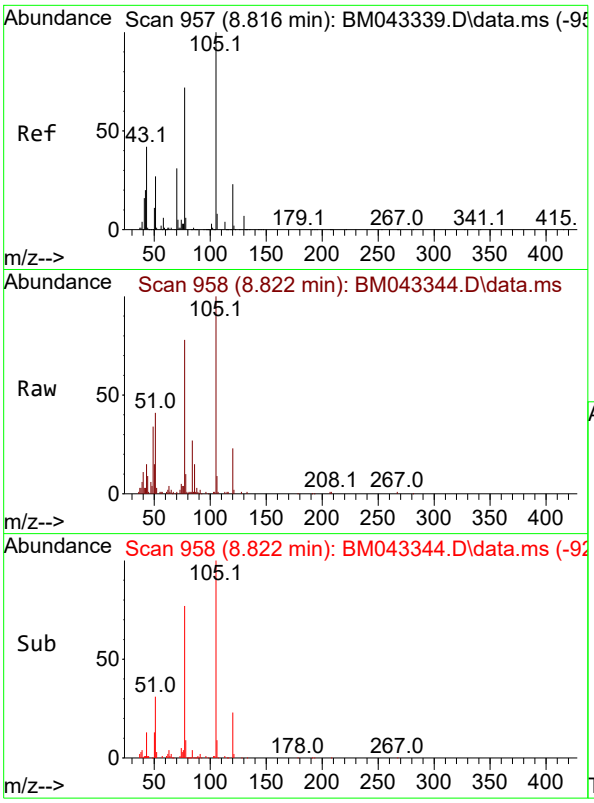
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121423\
Data File : BM043344.D
Acq On : 14 Dec 2023 20:08
Operator : MA/JU
Sample : 05626-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCLG5

Quant Time: Dec 14 23:27:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 22:33:14 2023
Response via : Initial Calibration



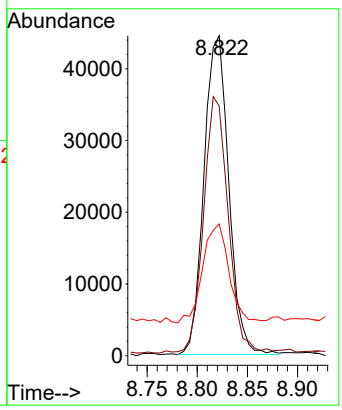


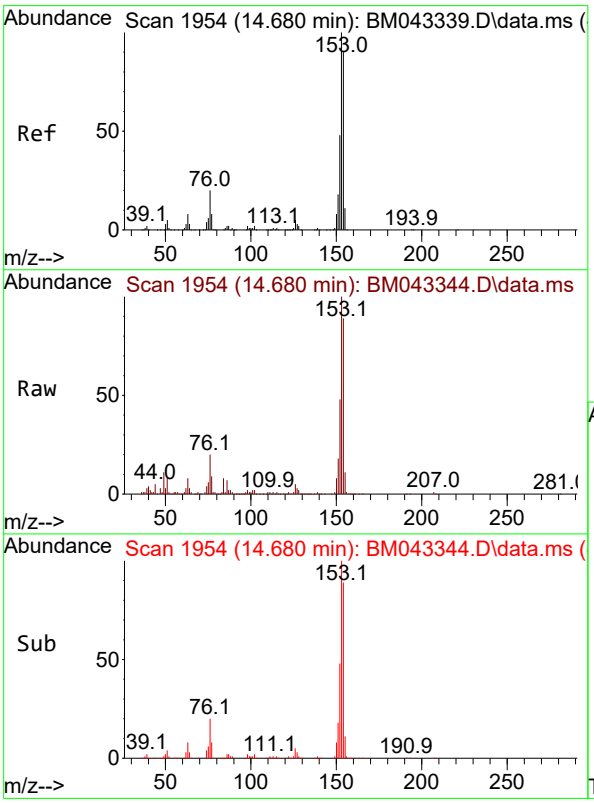
#16
Acetophenone
Concen: 2.027 ng/ul
RT: 8.822 min Scan# 9
Delta R.T. -0.012 min
Lab File: BM043344.D
Acq: 14 Dec 2023 20:08

Instrument :
BNA_P
ClientSampleId :
DCLG5

Tgt Ion:105 Resp: 76477

Ion	Ratio	Lower	Upper
105	100		
77	78.0	62.7	94.1
51	41.2	23.8	35.8#

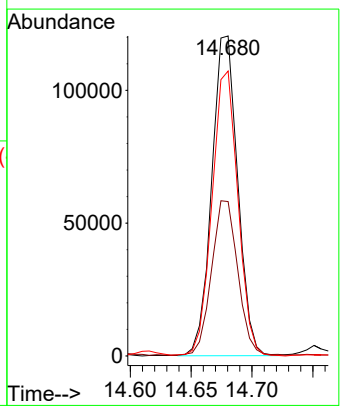


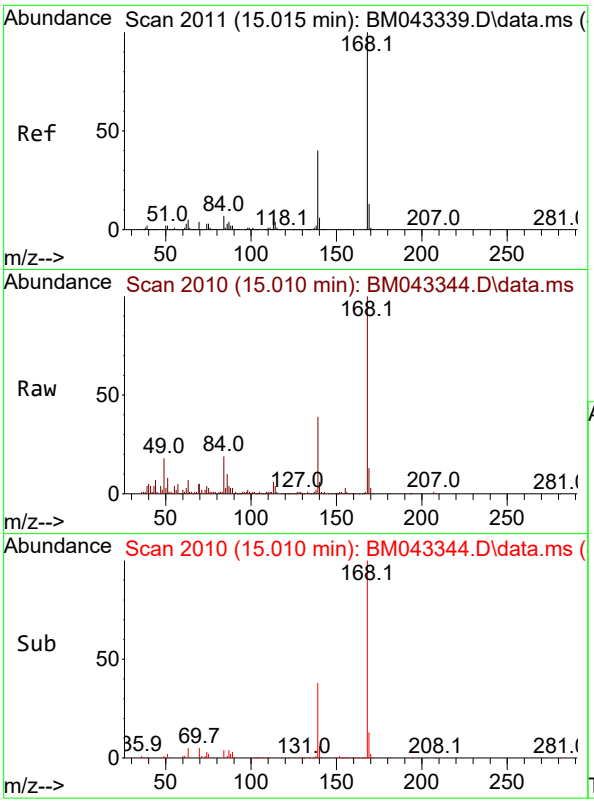


#52
Acenaphthene
Concen: 3.424 ng/ul
RT: 14.680 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM043344.D
Acq: 14 Dec 2023 20:08

Tgt Ion:153 Resp: 178468

Ion	Ratio	Lower	Upper
153	100		
152	48.3	38.6	58.0
154	89.0	71.6	107.4



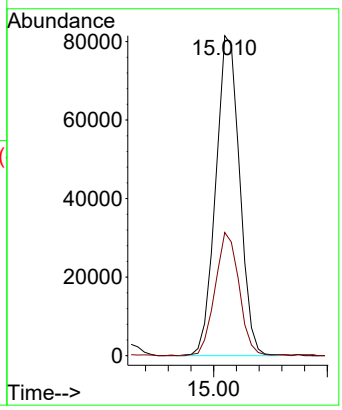


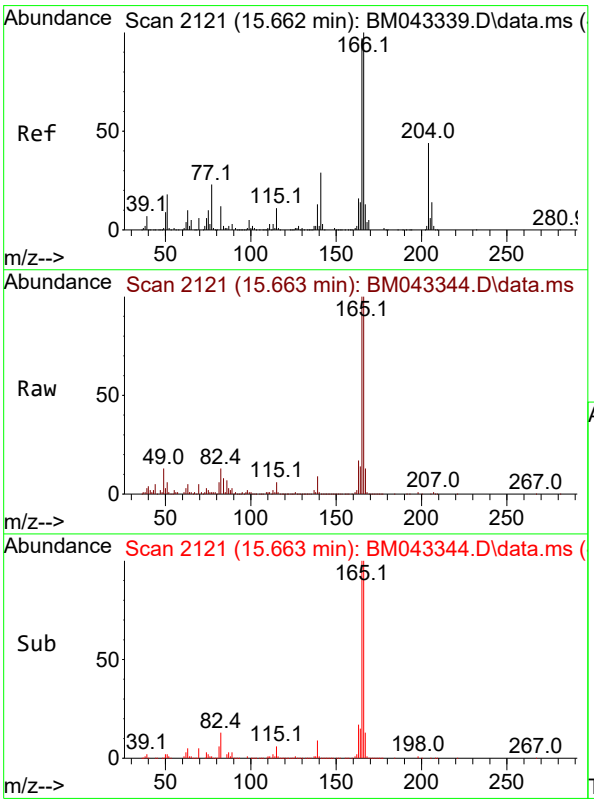
#56
Dibenzofuran
Concen: 1.673 ng/ul
RT: 15.010 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BM043344.D
Acq: 14 Dec 2023 20:08

Instrument :
BNA_P
ClientSampleId :
DCLG5

Tgt Ion:168 Resp: 119128

Ion	Ratio	Lower	Upper
168	100		
139	38.5	28.6	43.0

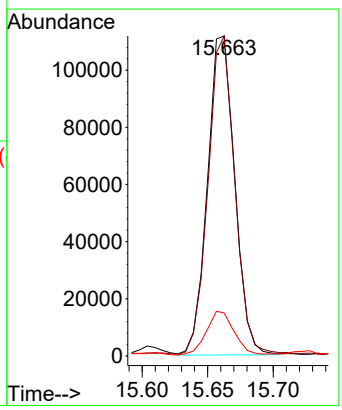


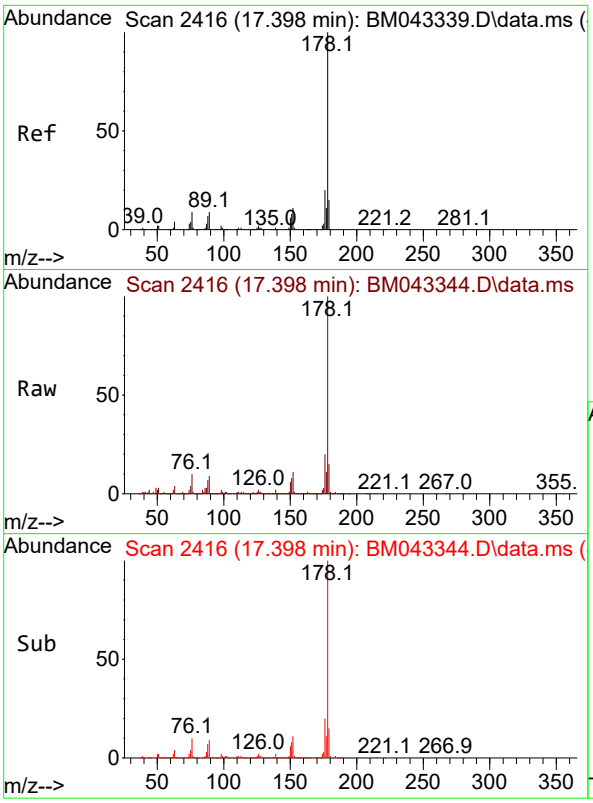


#61
Fluorene
Concen: 2.624 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM043344.D
Acq: 14 Dec 2023 20:08

Tgt Ion:166 Resp: 161740

Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.5	116.3
167	13.4	10.7	16.1



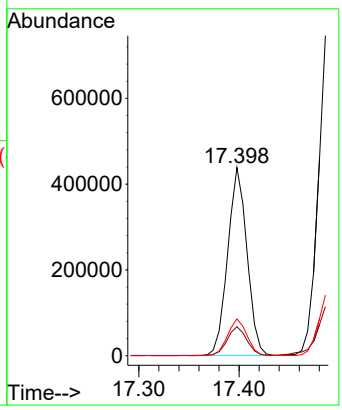


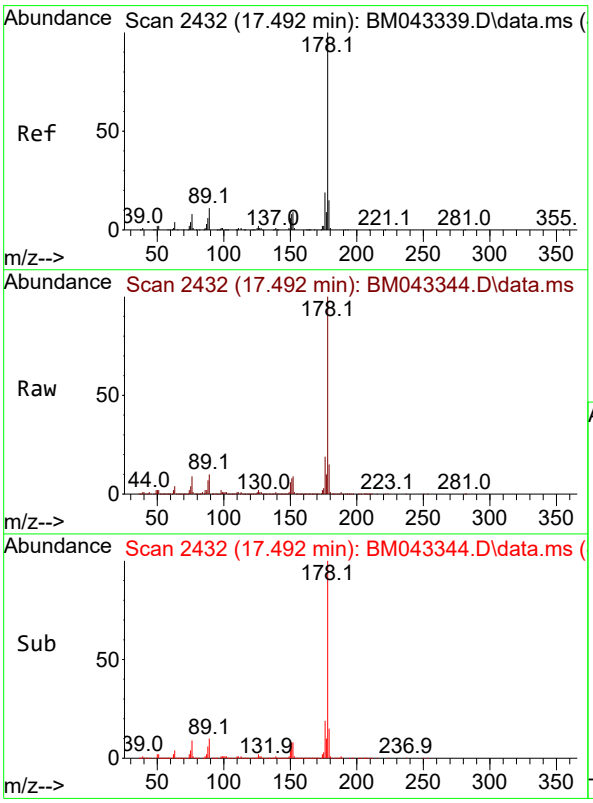
#72
Phenanthrene
Concen: 7.177 ng/ul
RT: 17.398 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM043344.D
Acq: 14 Dec 2023 20:08

Instrument :
BNA_P
ClientSampleId :
DCLG5

Tgt Ion:178 Resp: 586130

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	19.6	15.7	23.5

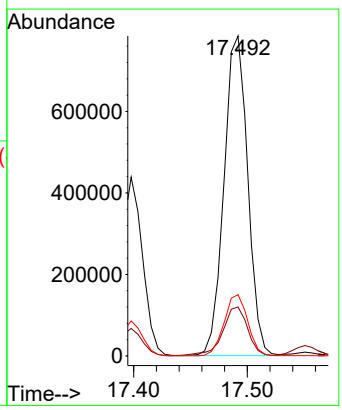


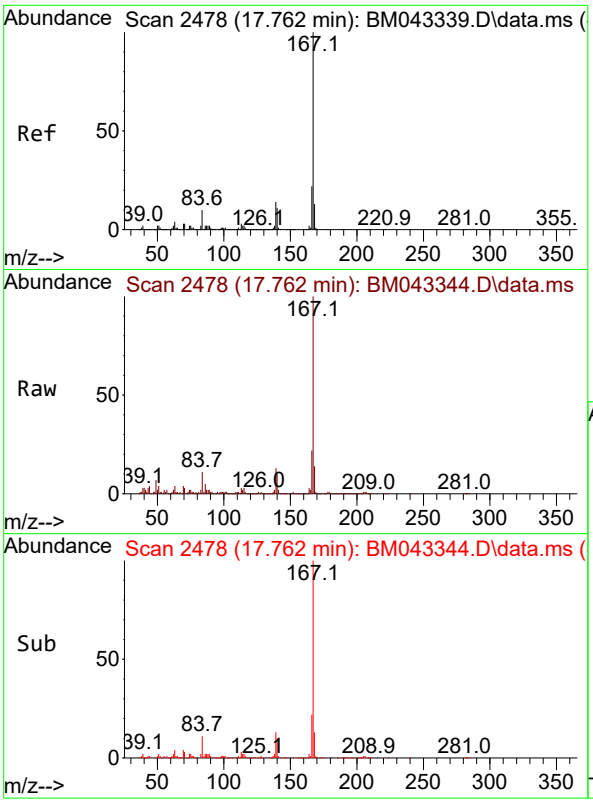


#74
Anthracene
Concen: 13.862 ng/ul
RT: 17.492 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BM043344.D
Acq: 14 Dec 2023 20:08

Tgt Ion:178 Resp: 1140355

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	19.2	15.1	22.7



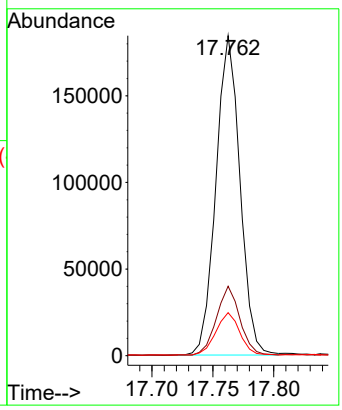


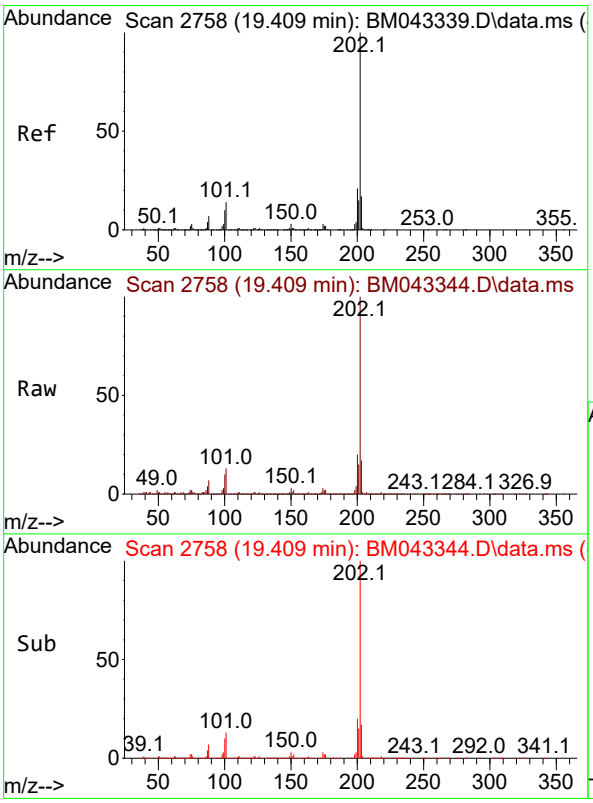
#77
Carbazole
Concen: 3.745 ng/ul
RT: 17.762 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM043344.D
Acq: 14 Dec 2023 20:08

Instrument :
BNA_P
ClientSampleId :
DCLG5

Tgt Ion:167 Resp: 253050

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	13.5	9.9	14.9

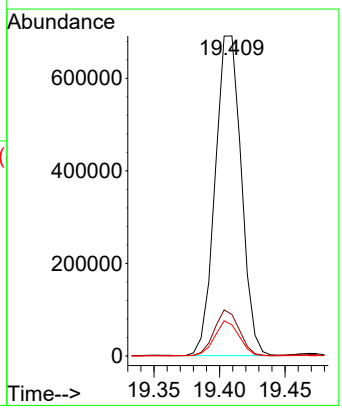


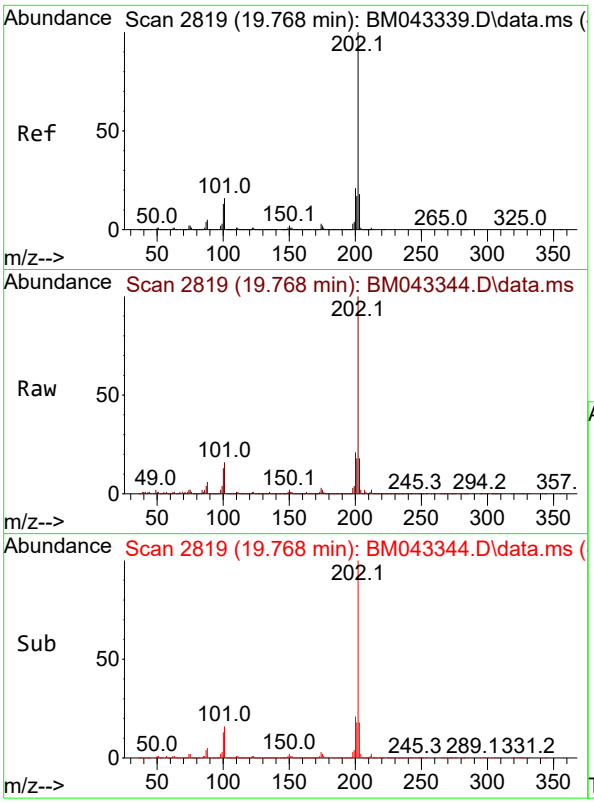


#80
Fluoranthene
Concen: 12.576 ng/ul
RT: 19.409 min Scan# 2758
Delta R.T. -0.006 min
Lab File: BM043344.D
Acq: 14 Dec 2023 20:08

Tgt Ion:202 Resp: 957746

Ion	Ratio	Lower	Upper
202	100		
101	13.0	8.2	12.2#
100	9.7	6.1	9.1#



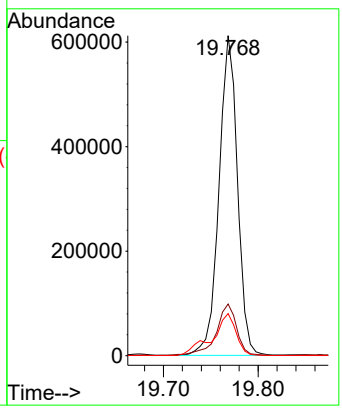


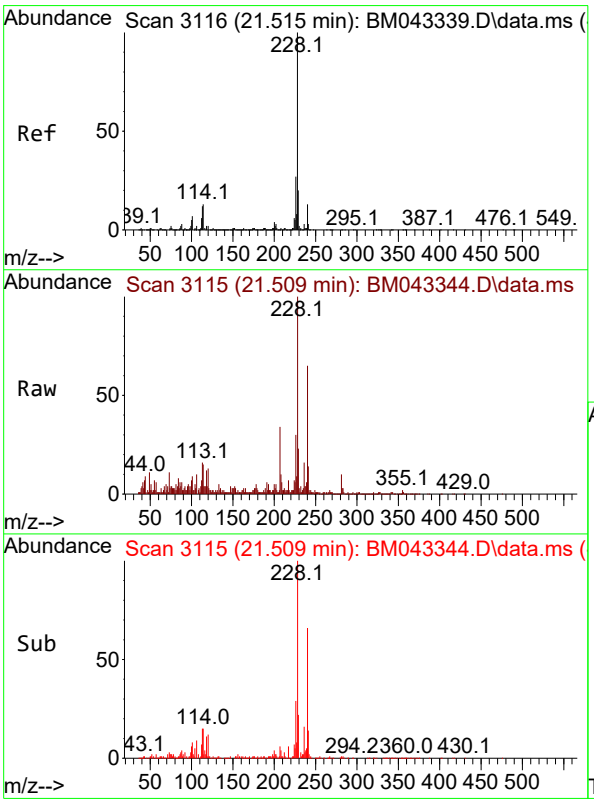
#82
Pyrene
Concen: 10.499 ng/ul
RT: 19.768 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM043344.D
Acq: 14 Dec 2023 20:08

Instrument :
BNA_P
ClientSampleId :
DCLG5

Tgt Ion:202 Resp: 831684

Ion	Ratio	Lower	Upper
202	100		
101	16.2	10.2	15.2#
100	13.1	8.2	12.2#

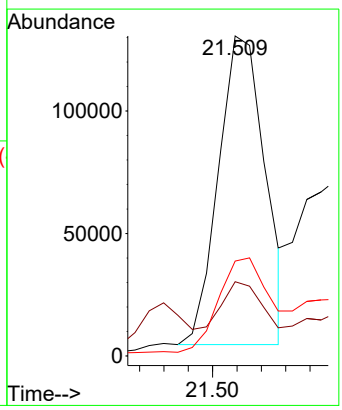


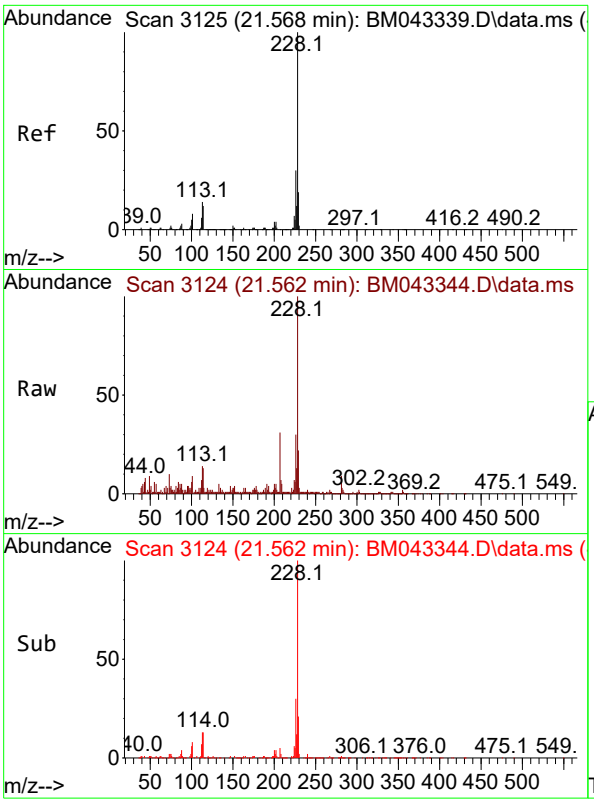


#85
Benzo(a)anthracene
Concen: 2.111 ng/ul
RT: 21.509 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BM043344.D
Acq: 14 Dec 2023 20:08

Tgt Ion:228 Resp: 167929

Ion	Ratio	Lower	Upper
228	100		
229	23.2	15.8	23.8
226	29.6	22.2	33.4



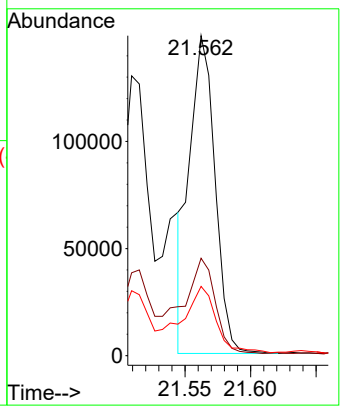


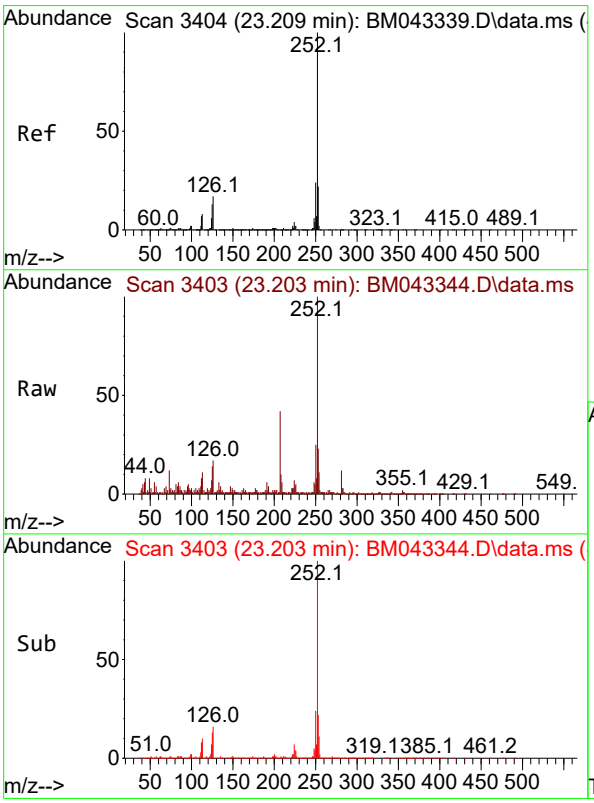
#87
Chrysene
Concen: 2.823 ng/ul
RT: 21.562 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM043344.D
Acq: 14 Dec 2023 20:08

Instrument :
BNA_P
ClientSampleId :
DCLG5

Tgt Ion:228 Resp: 200592

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.8	37.2
229	21.7	16.2	24.2

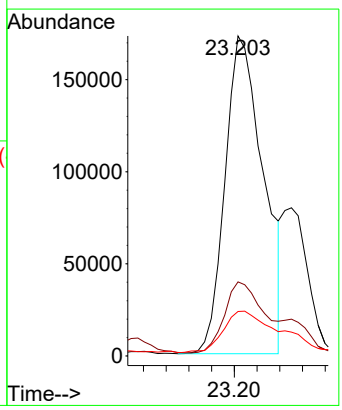


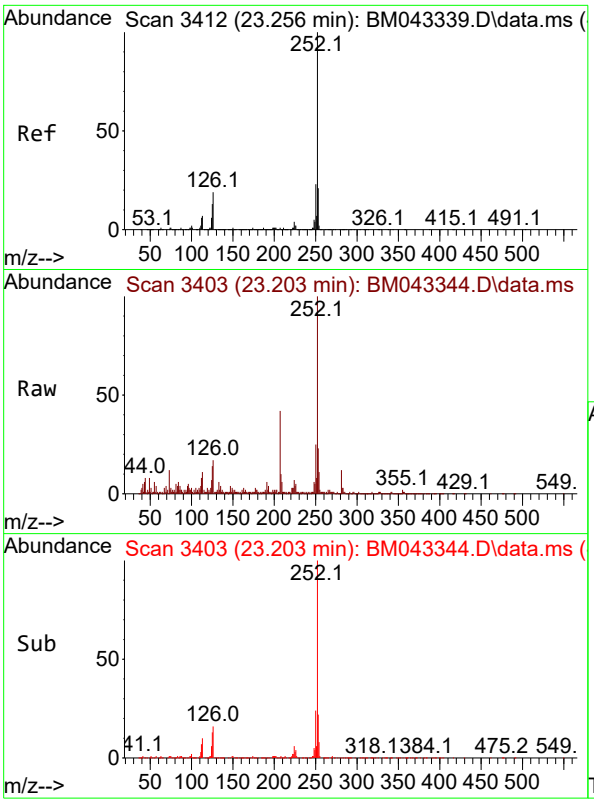


#90
Benzo(b)fluoranthene
Concen: 4.731 ng/ul
RT: 23.203 min Scan# 3403
Delta R.T. -0.012 min
Lab File: BM043344.D
Acq: 14 Dec 2023 20:08

Tgt Ion:252 Resp: 405179

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	13.9	7.2	10.8#



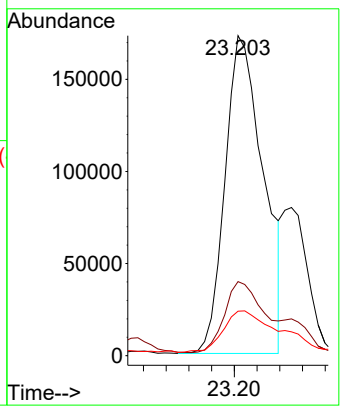


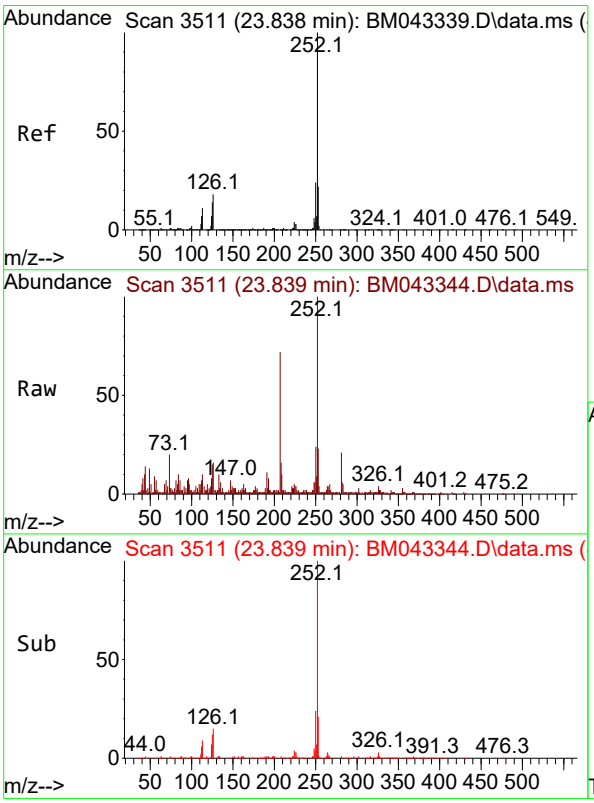
#91
Benzo(k)fluoranthene
Concen: 4.750 ng/ul
RT: 23.203 min Scan# 34
Delta R.T. -0.065 min
Lab File: BM043344.D
Acq: 14 Dec 2023 20:08

Instrument :
BNA_P
ClientSampleId :
DCLG5

Tgt Ion:252 Resp: 405179

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	13.9	7.7	11.5#

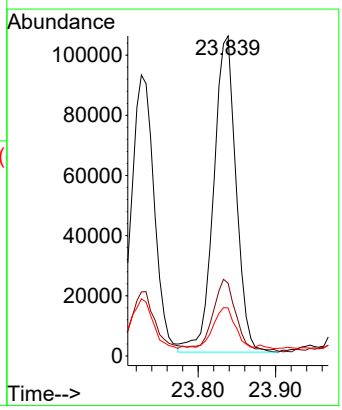


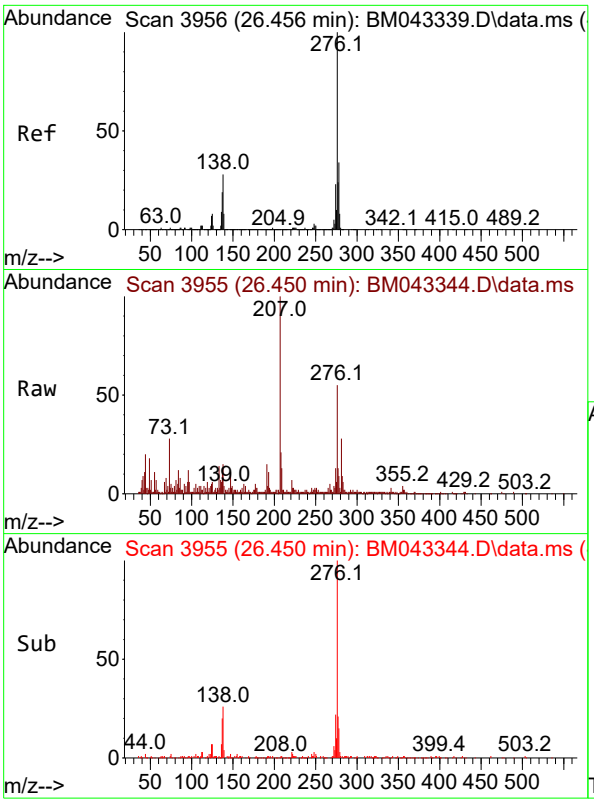


#93
Benzo(a)pyrene
Concen: 2.672 ng/ul
RT: 23.839 min Scan# 3511
Delta R.T. -0.006 min
Lab File: BM043344.D
Acq: 14 Dec 2023 20:08

Tgt Ion:252 Resp: 211503

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	15.0	8.4	12.6#





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.437 ng/ul
RT: 26.450 min Scan# 3
Delta R.T. -0.024 min
Lab File: BM043344.D
Acq: 14 Dec 2023 20:08

Instrument :
BNA_P
ClientSampleId :
DCLG5

Tgt Ion:276 Resp: 129588

Ion	Ratio	Lower	Upper
276	100		
138	26.8	16.9	25.3#
277	23.2	19.5	29.3