Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043336.D
Acq On : 14 Dec 2023 12:38
Operator : MA/JU
Sample : 05690-08DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 14 22:57:14 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	7.998	152	383189	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	1791005	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.621	164	1062420	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.362	188	2071760	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.533	240	1444959	20.000	ng/ul	# 0.00
88) Perylene-d12	23.950	264	1347832	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	11949	1.224	ng/uL	0.00
4) Pyridine-d5	3.822	84	110544	3.816	ng/ul	0.00
7) Phenol-d5	7.151	99	253530	6.664	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	160814	6.829	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	194413	6.704	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	192498	6.396	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	95245	6.239	ng/ul	0.00
24) 2-Nitrophenol-d4	9.886	143	89540	6.083	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	188380	5.741	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	177004	3.749	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	594484	6.383	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	676958	6.283	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	70731	4.238	ng/ul	0.00
60) Fluorene-d10	15.610	176	534320	6.582	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	23029	2.020	ng/ul	0.00
73) Anthracene-d10	17.462	188	778524	6.946	ng/ul	0.00
81) Pyrene-d10	19.745	212	812879	8.792	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.797	264	570898	7.259	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.828	105	55761	1.153	ng/ul	93
52) Acenaphthene	14.686	153	160568	1.999	ng/ul	98
56) Dibenzofuran	15.021	168	120946	1.102	ng/ul	93
61) Fluorene	15.668	166	149908	1.578	ng/ul	97
72) Phenanthrene	17.404	178	834313	6.458	ng/ul	99
74) Anthracene	17.498	178	1199976	9.221	ng/ul	100
80) Fluoranthene	19.415	202	2331734	21.985	ng/ul#	93
82) Pyrene	19.774	202	2019591	18.306	ng/ul#	91
85) Benzo(a)anthracene	21.521	228	388547	3.507	ng/ul	97
87) Chrysene	21.574	228	535221	5.409	ng/ul	99
90) Benzo(b)fluoranthene	23.215	252	567465	5.901	ng/ul#	91
93) Benzo(a)pyrene	23.844	252	210730	2.371	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	26.468	276	159351	1.574	ng/ul#	93
96) Benzo(g,h,i)perylene	27.238	276	132785	1.741	ng/ul#	91

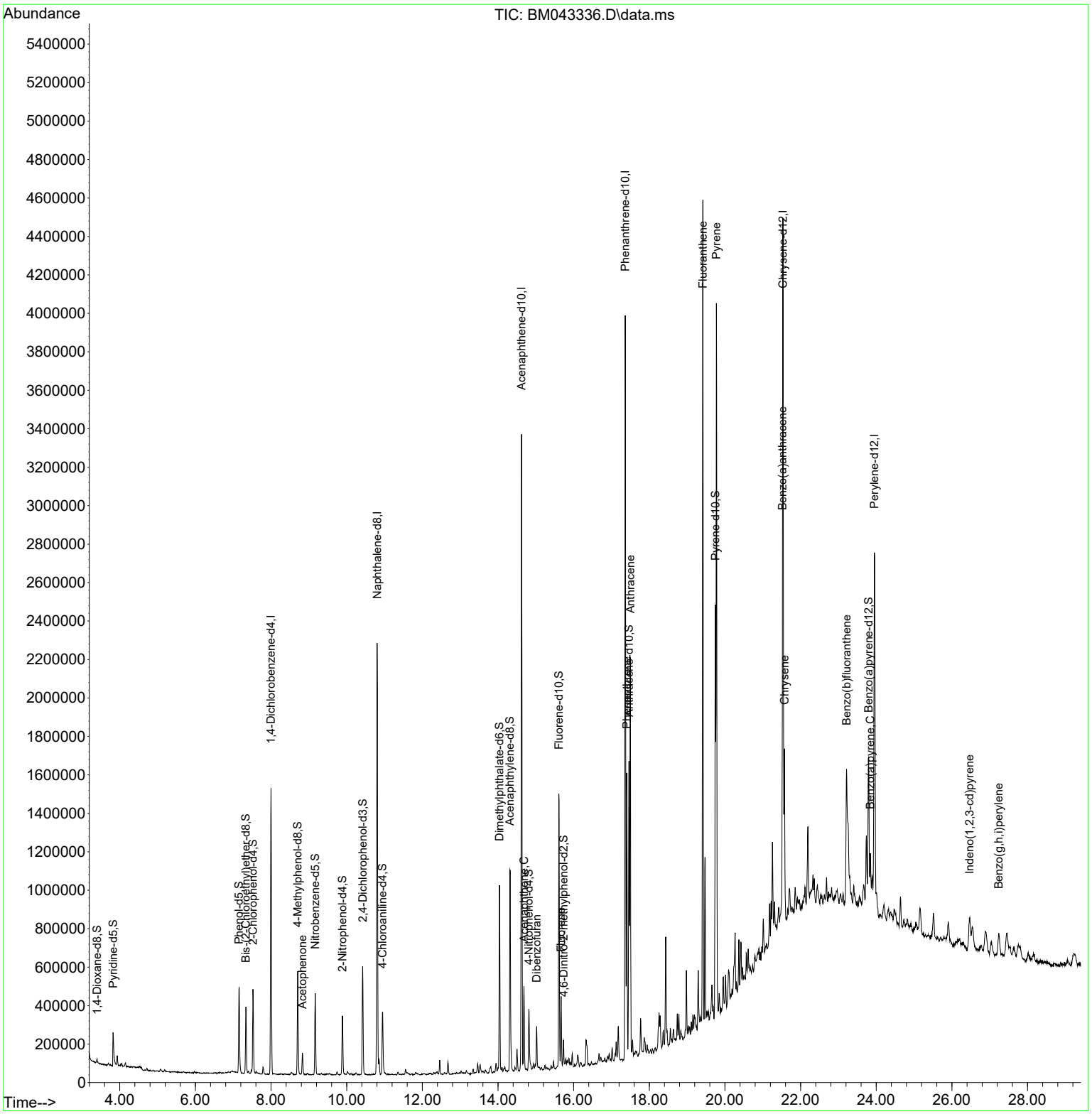
(#) = qualifier out of range (m) = manual integration (+) = signals summed

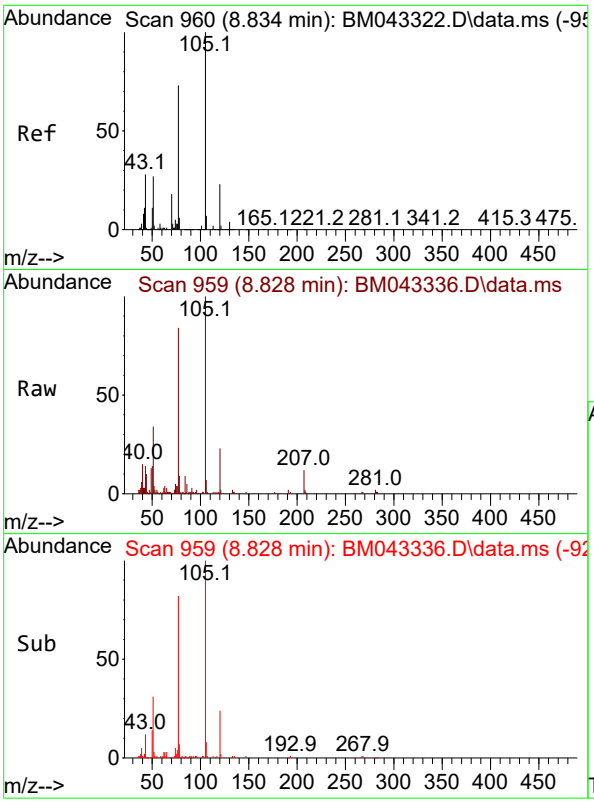
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043336.D
Acq On : 14 Dec 2023 12:38
Operator : MA/JU
Sample : 05690-08DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 14 22:57:14 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



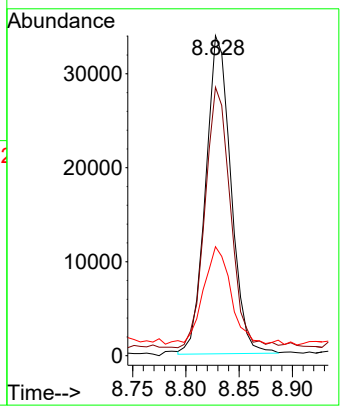


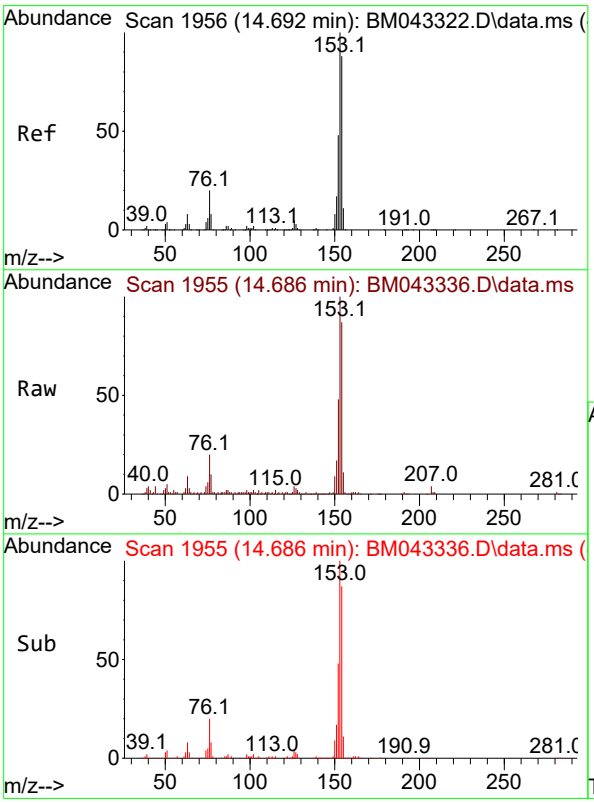
#16
Acetophenone
Concen: 1.153 ng/ul
RT: 8.828 min Scan# 9
Delta R.T. -0.006 min
Lab File: BM043336.D
Acq: 14 Dec 2023 12:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:105 Resp: 55761

Ion	Ratio	Lower	Upper
105	100		
77	83.9	62.7	94.1
51	34.1	23.8	35.8

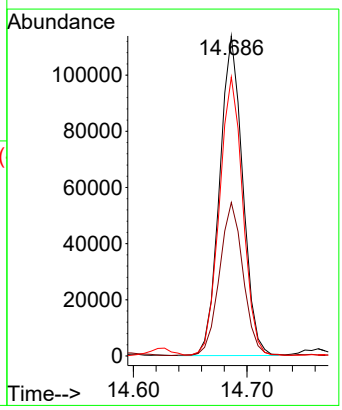


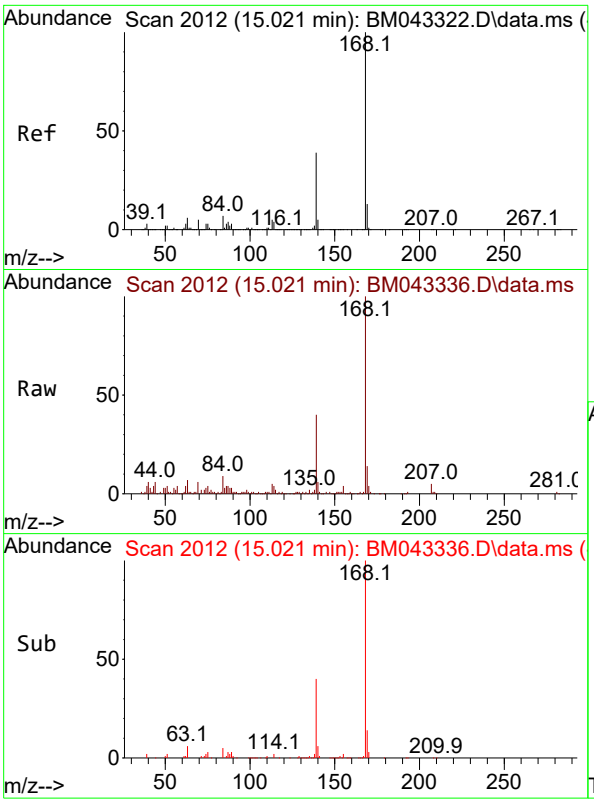


#52
Acenaphthene
Concen: 1.999 ng/ul
RT: 14.686 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BM043336.D
Acq: 14 Dec 2023 12:38

Tgt Ion:153 Resp: 160568

Ion	Ratio	Lower	Upper
153	100		
152	47.9	38.6	58.0
154	87.2	71.6	107.4



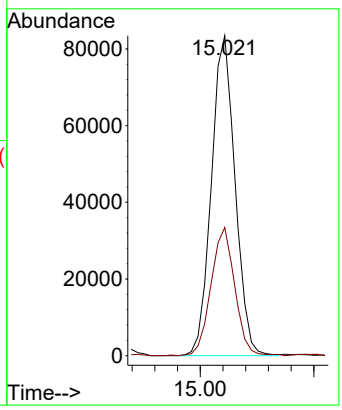


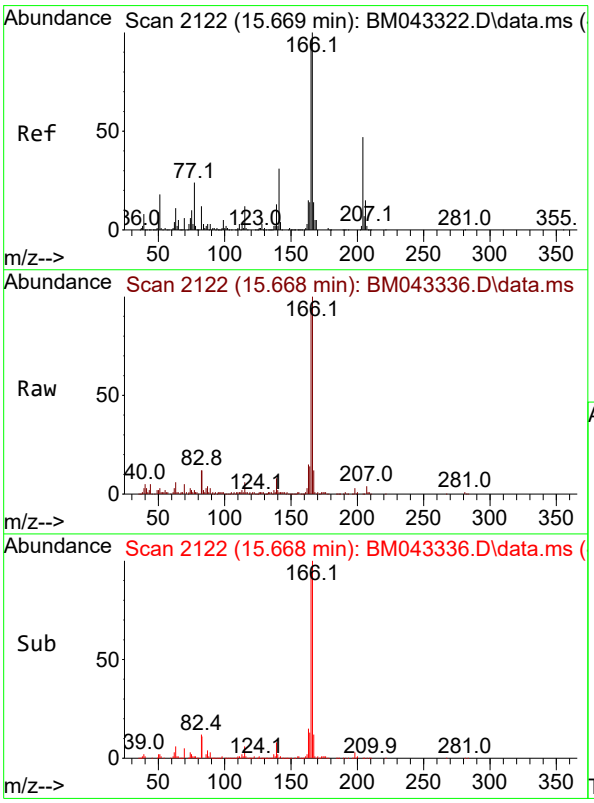
#56
Dibenzofuran
Concen: 1.102 ng/ul
RT: 15.021 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BM043336.D
Acq: 14 Dec 2023 12:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:168 Resp: 120946

Ion	Ratio	Lower	Upper
168	100		
139	40.0	28.6	43.0

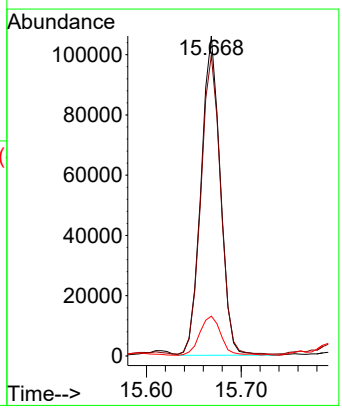


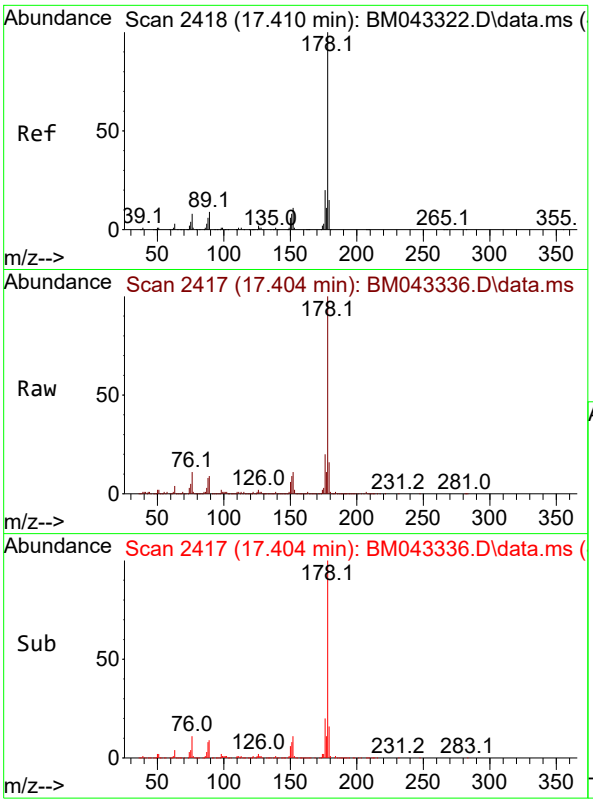


#61
Fluorene
Concen: 1.578 ng/ul
RT: 15.668 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM043336.D
Acq: 14 Dec 2023 12:38

Tgt Ion:166 Resp: 149908

Ion	Ratio	Lower	Upper
166	100		
165	94.0	77.5	116.3
167	12.5	10.7	16.1



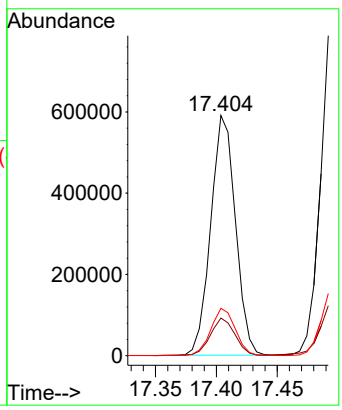


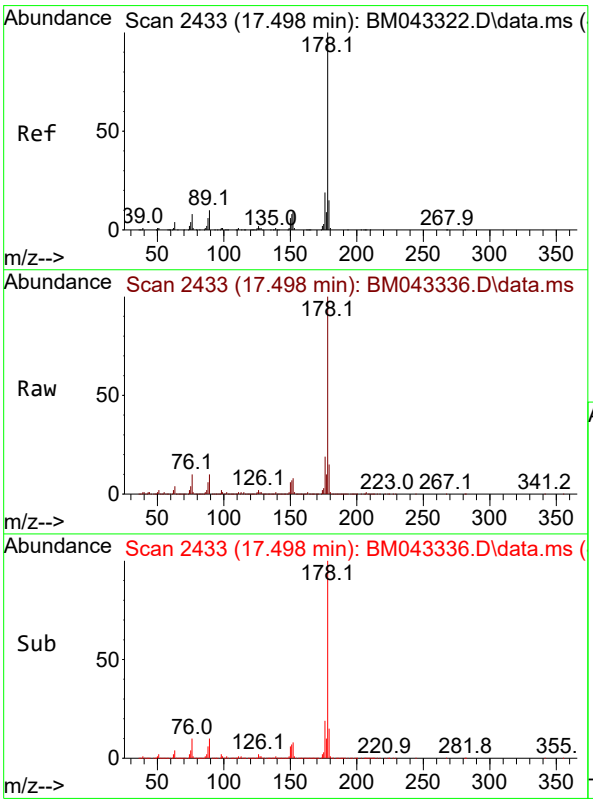
#72
Phenanthrene
Concen: 6.458 ng/ul
RT: 17.404 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM043336.D
Acq: 14 Dec 2023 12:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 834313

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	19.7	15.7	23.5

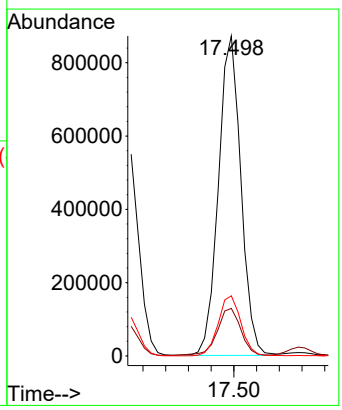


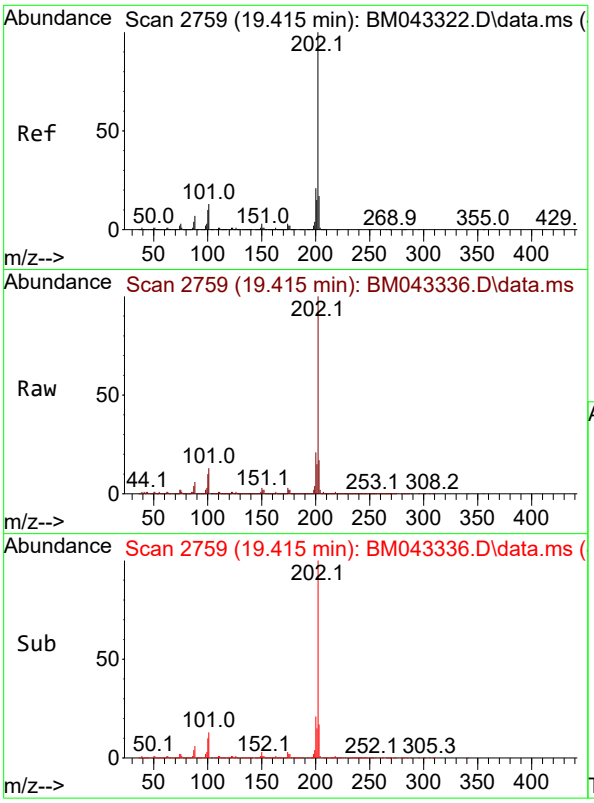


#74
Anthracene
Concen: 9.221 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BM043336.D
Acq: 14 Dec 2023 12:38

Tgt Ion:178 Resp: 1199976

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.1	18.1
176	18.8	15.1	22.7



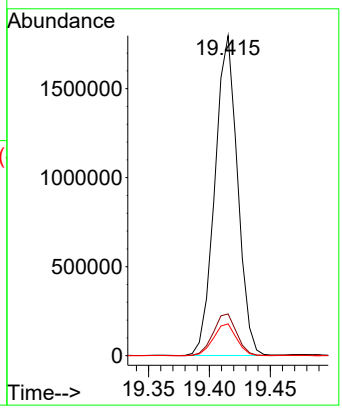


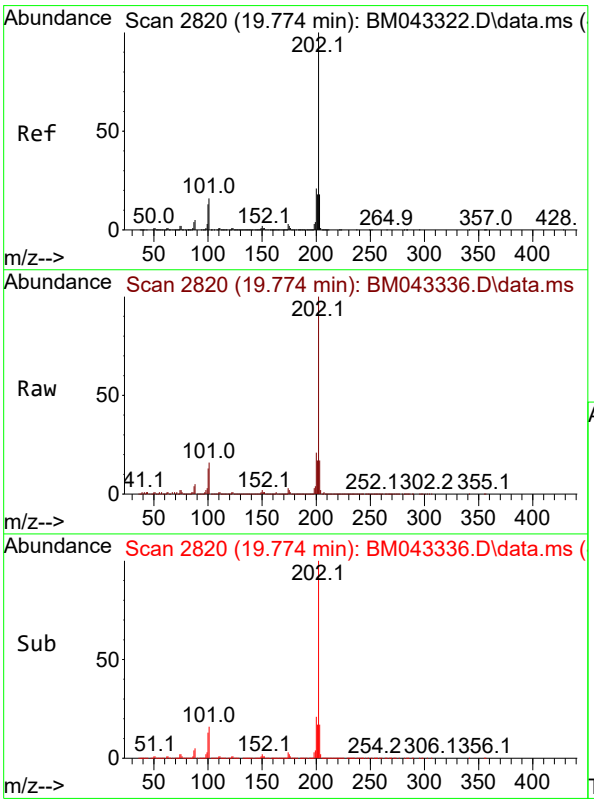
#80
Fluoranthene
Concen: 21.985 ng/ul
RT: 19.415 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM043336.D
Acq: 14 Dec 2023 12:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 2331734

Ion	Ratio	Lower	Upper
202	100		
101	13.1	8.2	12.2#
100	10.0	6.1	9.1#

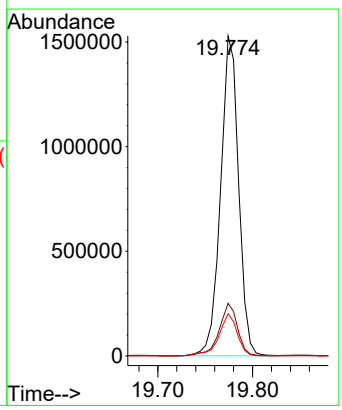


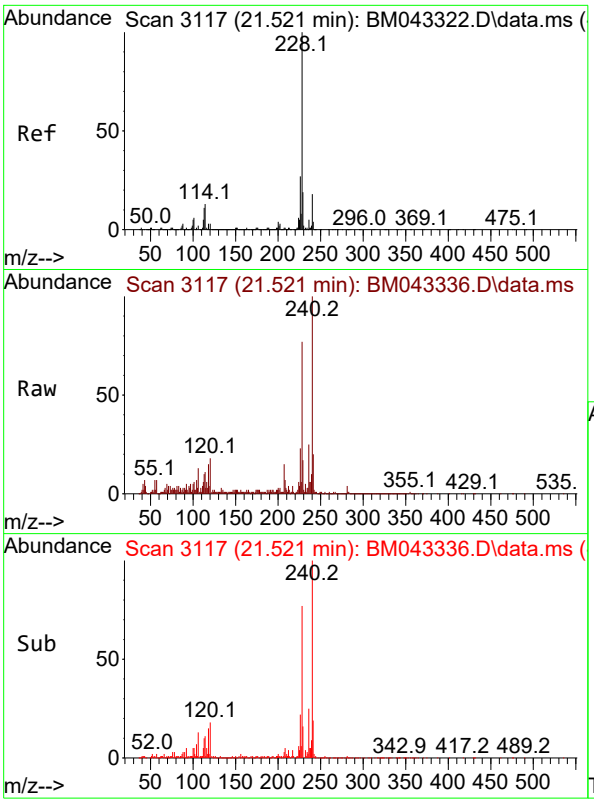


#82
Pyrene
Concen: 18.306 ng/ul
RT: 19.774 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BM043336.D
Acq: 14 Dec 2023 12:38

Tgt Ion:202 Resp: 2019591

Ion	Ratio	Lower	Upper
202	100		
101	16.5	10.2	15.2#
100	13.2	8.2	12.2#



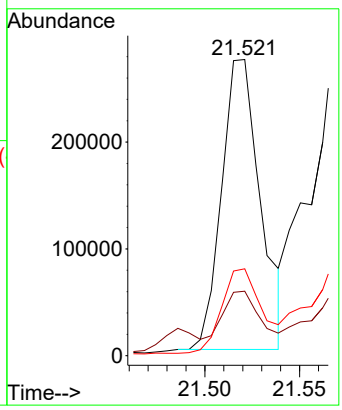


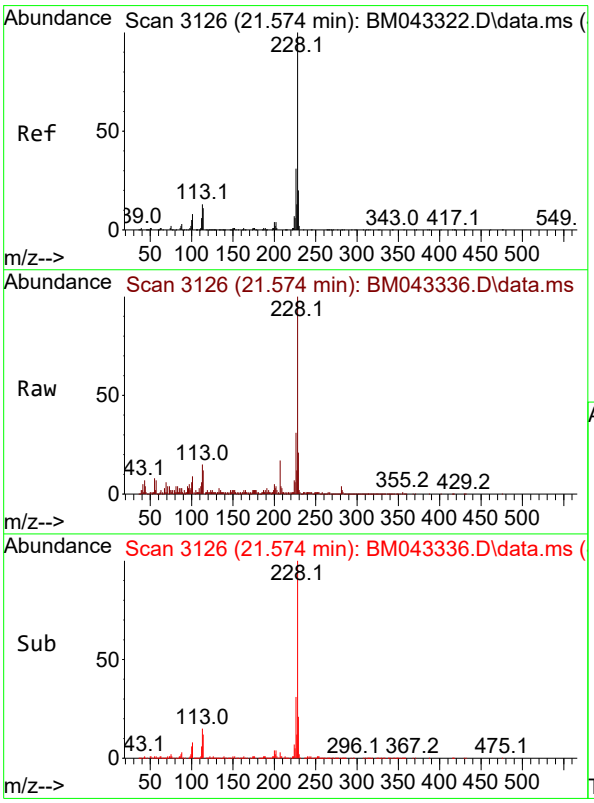
#85
Benzo(a)anthracene
Concen: 3.507 ng/ul
RT: 21.521 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM043336.D
Acq: 14 Dec 2023 12:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 388547

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.8	23.8
226	29.3	22.2	33.4

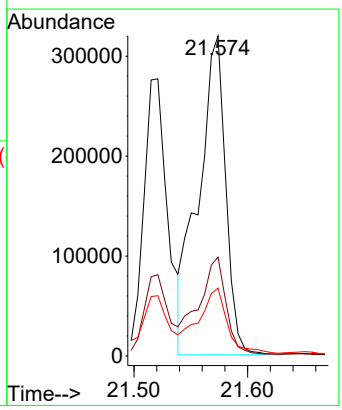


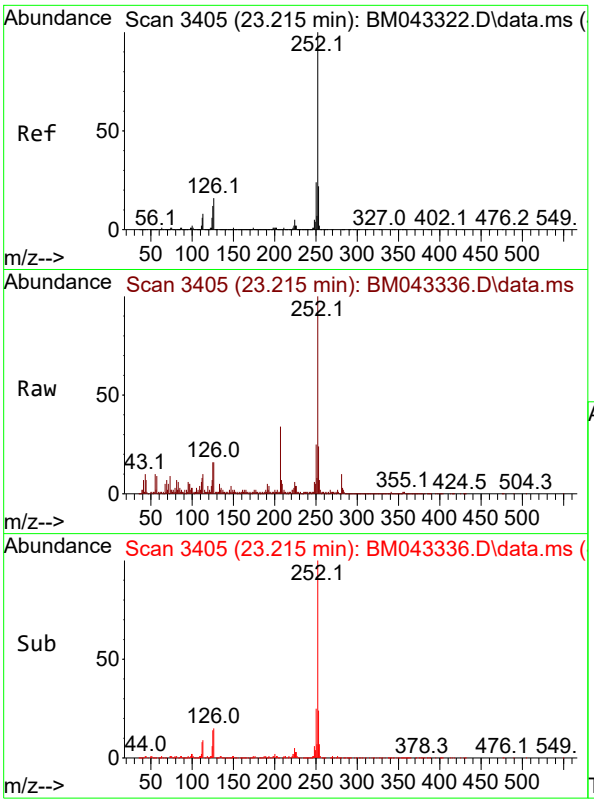


#87
Chrysene
Concen: 5.409 ng/ul
RT: 21.574 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BM043336.D
Acq: 14 Dec 2023 12:38

Tgt Ion:228 Resp: 535221

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.8	37.2
229	21.2	16.2	24.2



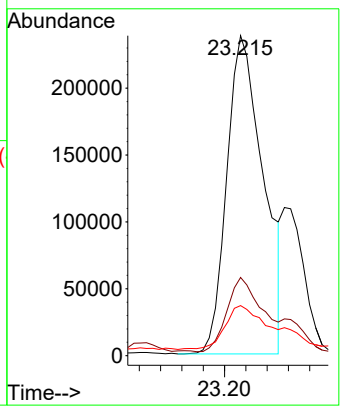


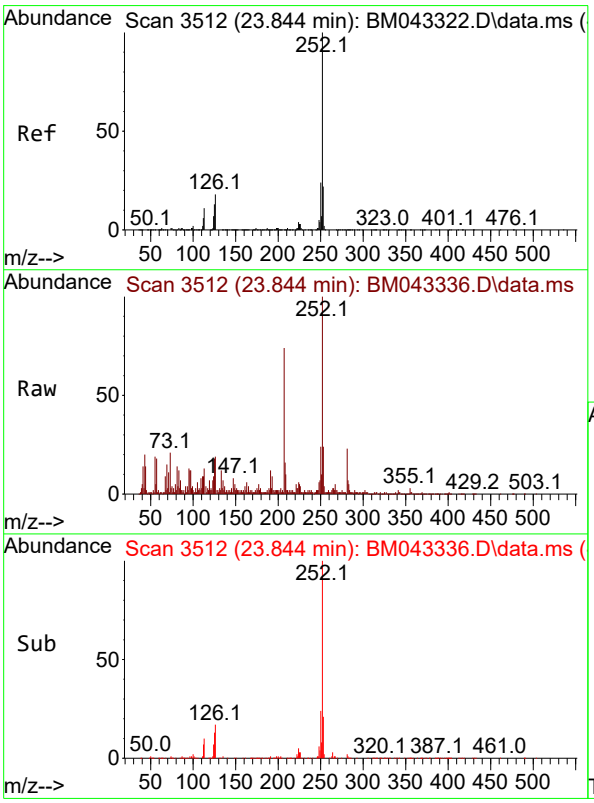
#90
Benzo(b)fluoranthene
Concen: 5.901 ng/ul
RT: 23.215 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM043336.D
Acq: 14 Dec 2023 12:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 567465

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.2
125	15.7	7.2	10.8#

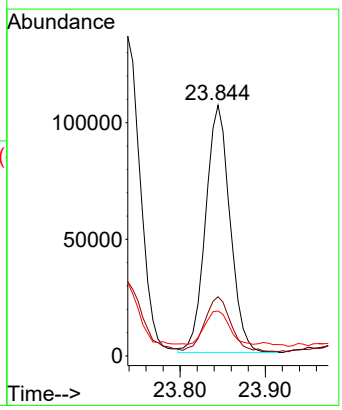


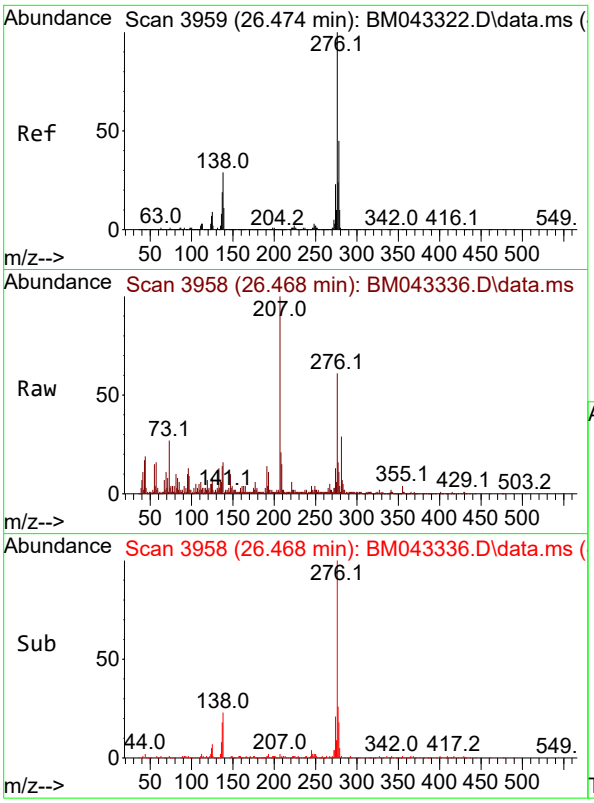


#93
Benzo(a)pyrene
Concen: 2.371 ng/ul
RT: 23.844 min Scan# 3512
Delta R.T. -0.000 min
Lab File: BM043336.D
Acq: 14 Dec 2023 12:38

Tgt Ion:252 Resp: 210730

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	18.0	8.4	12.6#



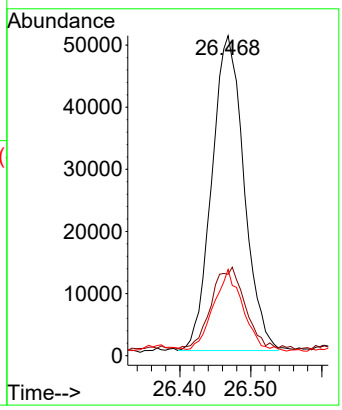


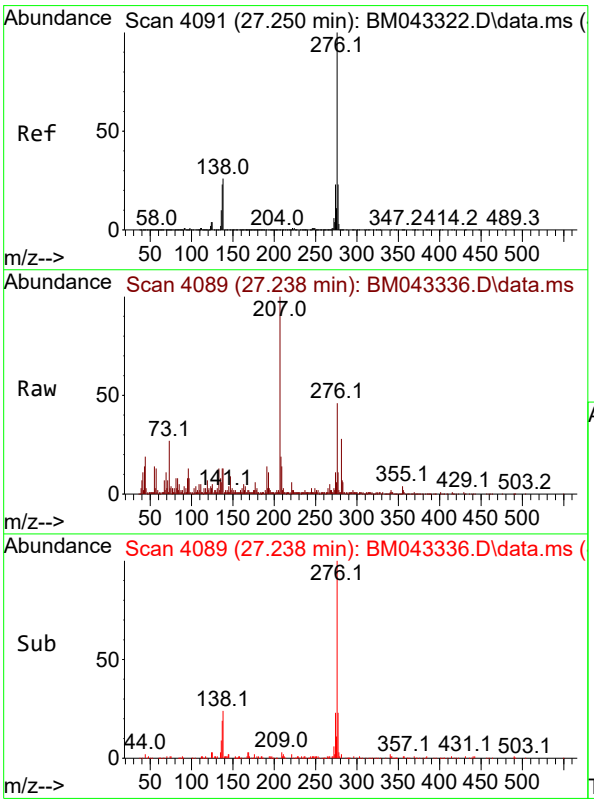
#94
Indeno(1,2,3-cd)pyrene
Concen: 1.574 ng/ul
RT: 26.468 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM043336.D
Acq: 14 Dec 2023 12:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 159351

Ion	Ratio	Lower	Upper
276	100		
138	25.4	16.9	25.3#
277	27.0	19.5	29.3





#96
Benzo(g,h,i)perylene
Concen: 1.741 ng/ul
RT: 27.238 min Scan# 4089
Delta R.T. -0.006 min
Lab File: BM043336.D
Acq: 14 Dec 2023 12:38

Tgt Ion:276 Resp: 132785

Ion	Ratio	Lower	Upper
276	100		
138	27.6	16.2	24.2#
277	24.7	18.7	28.1