Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

Quant Time: Dec 08 22:39:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	316509	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	1298063	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.722	164	750471	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.468	188	1295617	20.000	ng/ul	0.01
79) Chrysene-d12	21.639	240	837741	20.000	ng/ul	0.01
88) Perylene-d12	24.121	264	1043291	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	1894	0.272	ng/uL	0.00
4) Pyridine-d5	3.887	84	16352	0.791	ng/ul	0.02
7) Phenol-d5	7.240	99	52063	2.024	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	29240	1.867	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	42837	2.030	ng/ul	0.00
15) 4-Methylphenol-d8	8.798	113	42940	2.139	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	21247	2.067	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	22665	2.104	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	42165	2.061	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	36603	1.296	ng/ul	0.00
46) Dimethylphthalate-d6	14.127	166	134635	2.516	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	149373	2.284	ng/ul	0.00
54) 4-Nitrophenol-d4	14.922	143	16811	1.844	ng/ul	0.01
60) Fluorene-d10	15.710	176	118962	2.496	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	6552	0.946	ng/ul	0.02
73) Anthracene-d10	17.580	188	134055	2.217	ng/ul	0.02
81) Pyrene-d10	19.845	212	131424	2.612	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.962	264	126662	2.431	ng/ul	0.02
Target Compounds						Qvalue
30) Naphthalene	10.963	128	1558742	22.252	ng/ul	100
36) 2-Methylnaphthalene	12.557	142	1473653	32.435	ng/ul	96
37) 1-Methylnaphthalene	12.775	142	1006739	21.670	ng/ul	99
43) 1,1'-Biphenyl	13.557	154	1053481	17.464	ng/ul	98
50) Acenaphthylene	14.445	152	448184	6.233	ng/ul#	95
52) Acenaphthene	14.792	153	8214100	165.163	ng/ul	100
56) Dibenzofuran	15.122	168	9745648	143.530	ng/ul	91
61) Fluorene	15.780	166	12880473	232.609	ng/ul	100
63) 4-Nitroaniline	15.780	138	155179	16.729	ng/ul#	27
66) 4,6-Dinitro-2-methylph...	15.839	198	7907	1.179	ng/ul#	1
67) N-Nitrosodiphenylamine	15.969	169	81741	2.092	ng/ul#	1
71) Pentachlorophenol	17.127	266	18169	1.928	ng/ul	99
72) Phenanthrene	17.615	178	3856186	54.502	ng/ul#	91
74) Anthracene	17.615	178	3856186	53.630	ng/ul#	90
77) Carbazole	17.892	167	16886980	271.078	ng/ul#	94
80) Fluoranthene	19.662	202	95966	1.616	ng/ul	99
82) Pyrene	19.886	202	18864308	305.196	ng/ul	96
85) Benzo(a)anthracene	21.621	228	6056334	107.382	ng/ul	98
87) Chrysene	21.680	228	6925402	130.873	ng/ul	98
90) Benzo(b)fluoranthene	23.368	252	6210760	96.023	ng/ul	98
91) Benzo(k)fluoranthene	23.368	252	6210760	99.079	ng/ul	98
93) Benzo(a)pyrene	24.015	252	2812548	49.449	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.721	276	1432266	19.552	ng/ul	97
95) Dibenzo(a,h)anthracene	26.727	278	398716	6.457	ng/ul#	94

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5

Quant Time: Dec 08 22:39:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) Benzo(g,h,i)perylene	27.527	276	1006662	17.212	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
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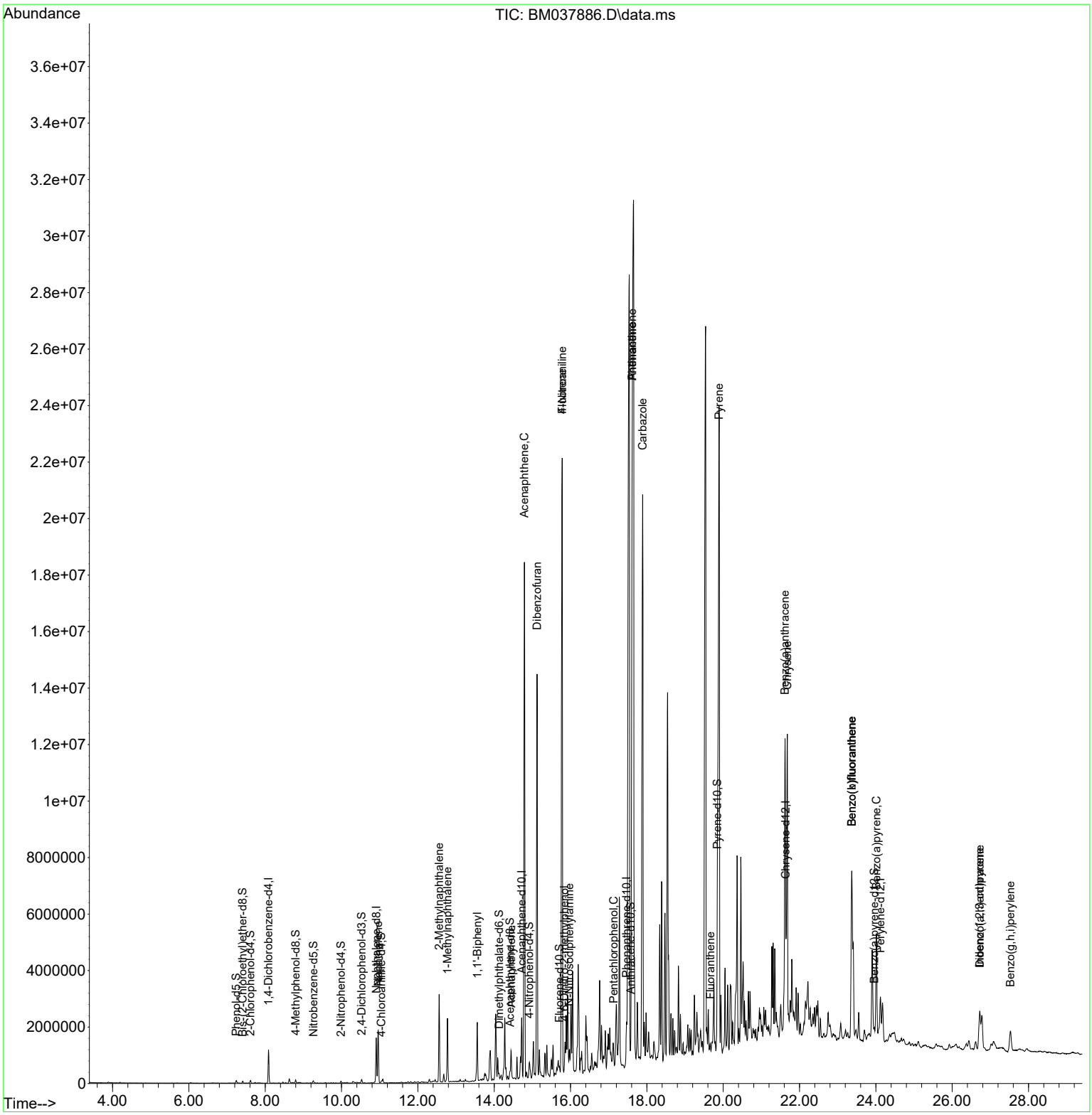
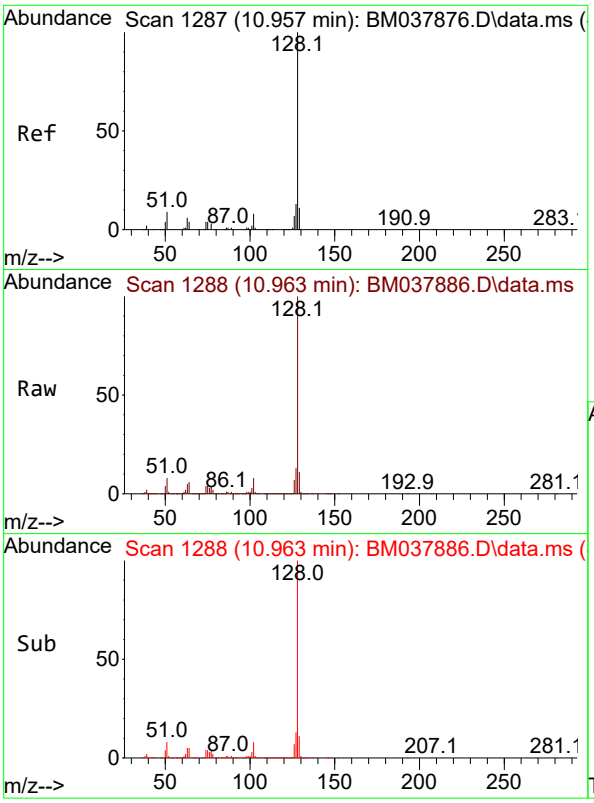
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration



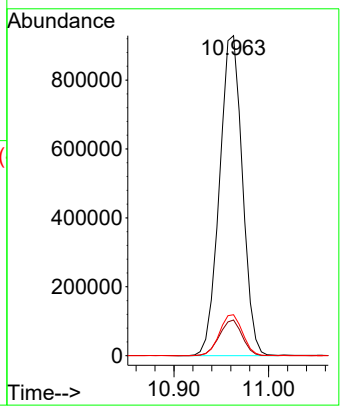


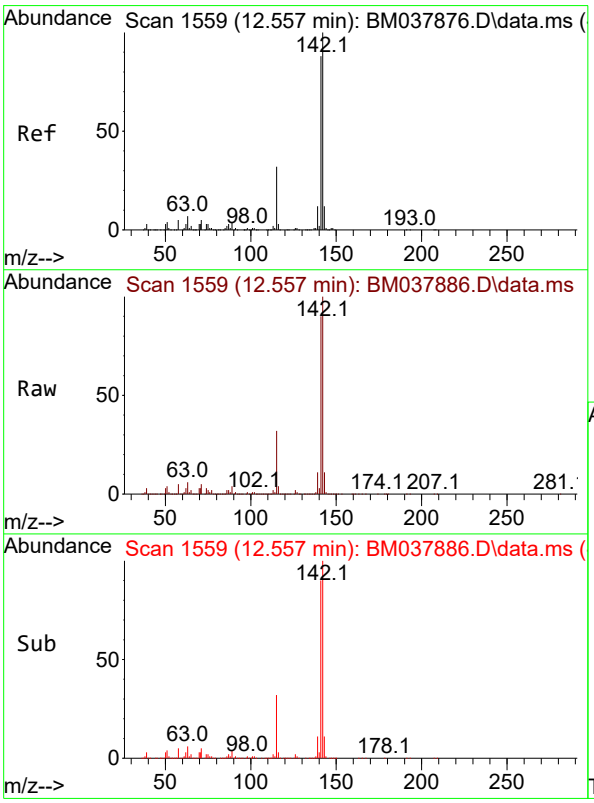
#30
Naphthalene
Concen: 22.252 ng/ul
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Instrument :
BNA_M
ClientSampleId :
DBXL5

Tgt Ion:128 Resp: 1558742

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	12.8	10.4	15.6

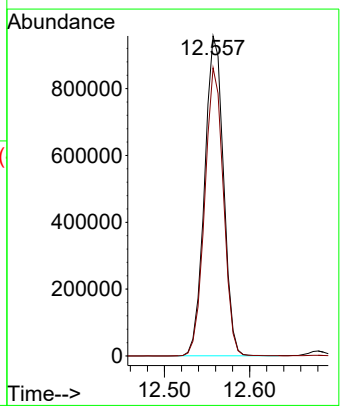


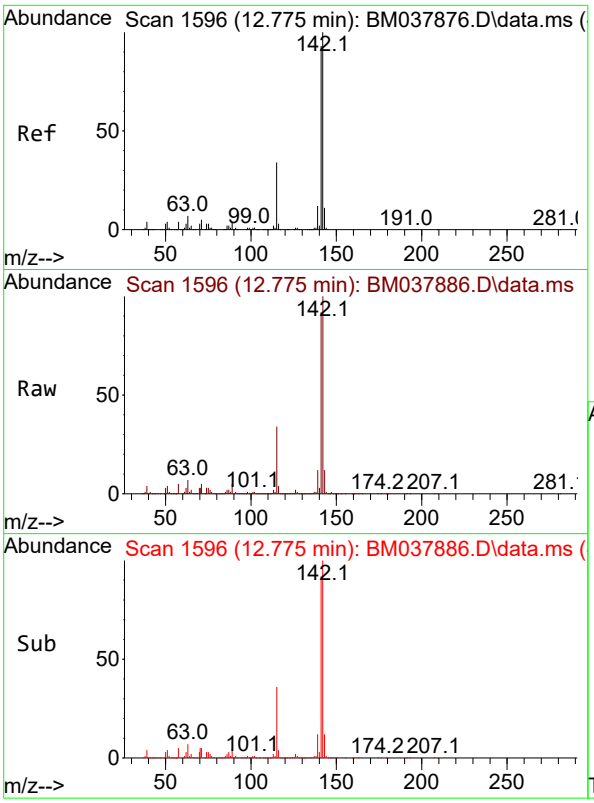


#36
2-Methylnaphthalene
Concen: 32.435 ng/ul
RT: 12.557 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Tgt Ion:142 Resp: 1473653

Ion	Ratio	Lower	Upper
142	100		
141	90.0	69.4	104.0



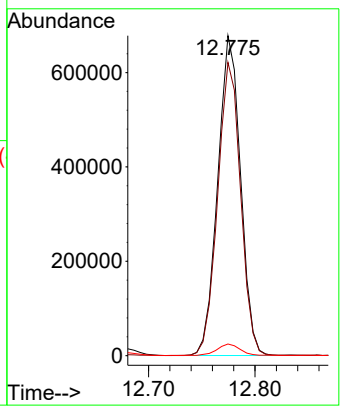


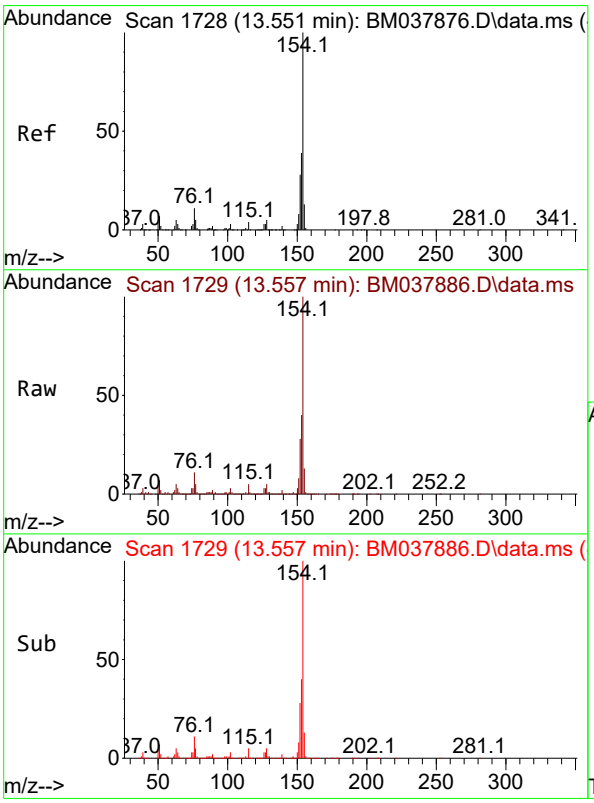
#37
1-Methylnaphthalene
Concen: 21.670 ng/ul
RT: 12.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Instrument :
BNA_M
ClientSampleId :
DBXL5

Tgt Ion:142 Resp: 1006739

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.4	108.6
116	3.6	2.9	4.3

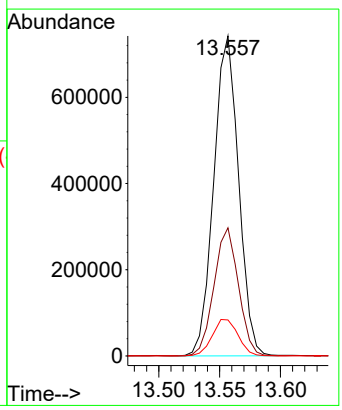


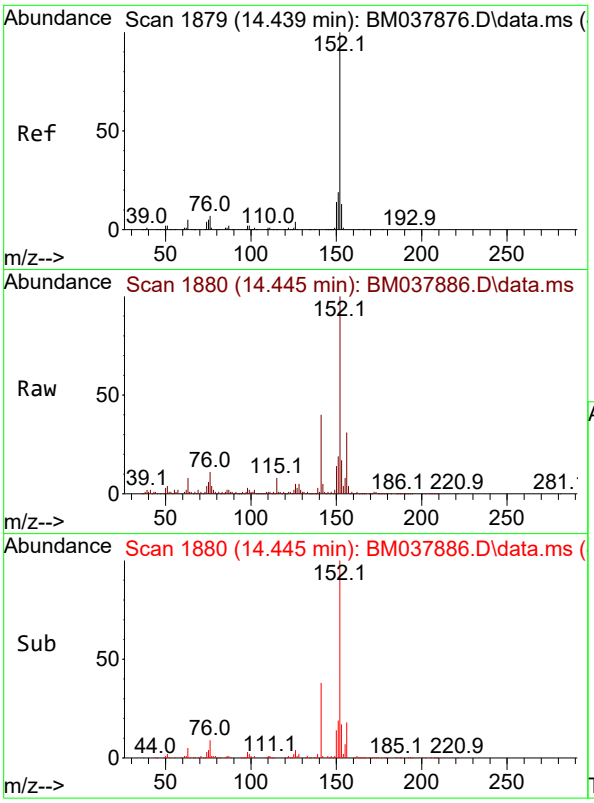


#43
1,1'-Biphenyl
Concen: 17.464 ng/ul
RT: 13.557 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Tgt Ion:154 Resp: 1053481

Ion	Ratio	Lower	Upper
154	100		
153	40.1	31.2	46.8
76	11.2	9.3	13.9



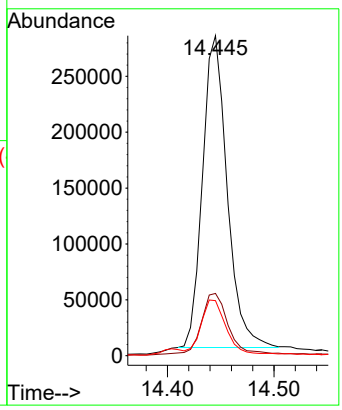


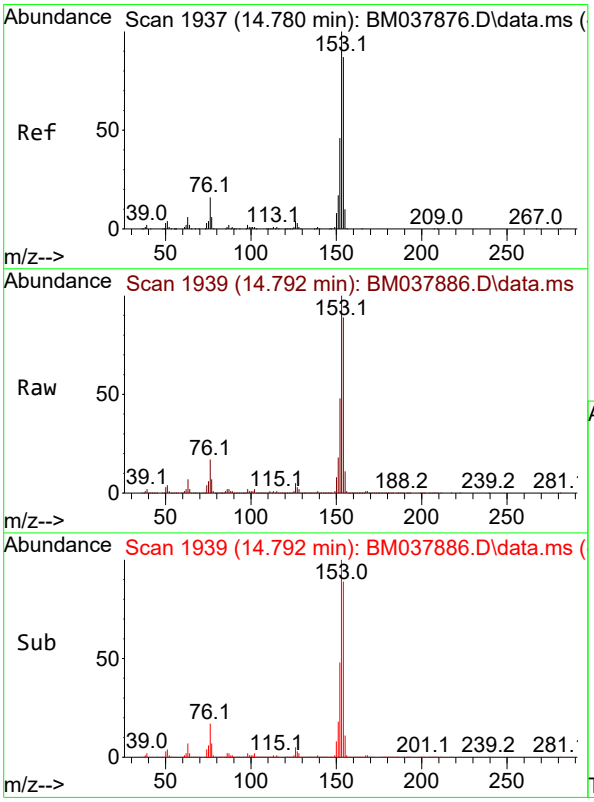
#50
Acenaphthylene
Concen: 6.233 ng/ul
RT: 14.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Instrument :
BNA_M
ClientSampleId :
DBXL5

Tgt Ion:152 Resp: 448184

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.3	22.9
153	17.2	10.2	15.4#

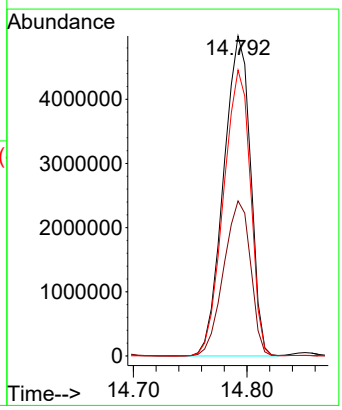


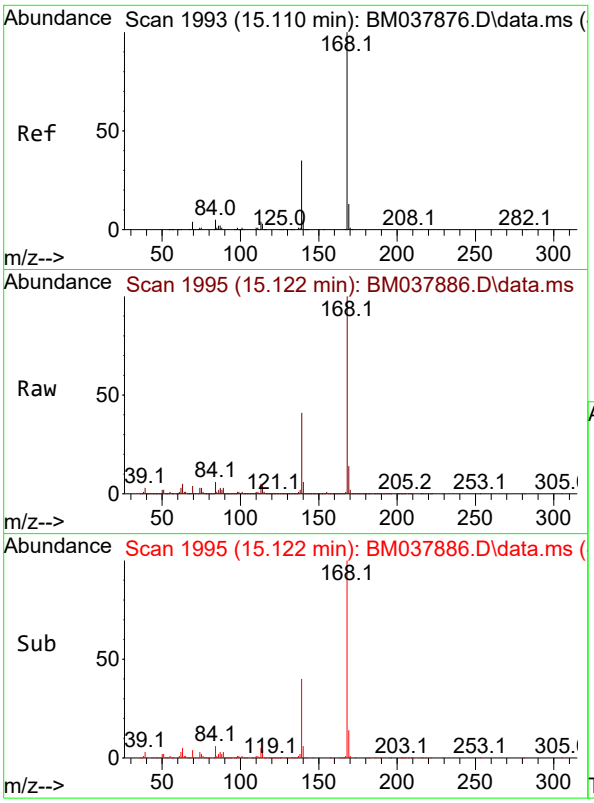


#52
Acenaphthene
Concen: 165.163 ng/ul
RT: 14.792 min Scan# 1939
Delta R.T. 0.012 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Tgt Ion:153 Resp: 8214100

Ion	Ratio	Lower	Upper
153	100		
152	48.4	38.2	57.4
154	89.4	71.4	107.0



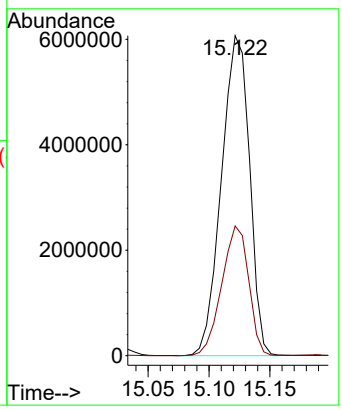


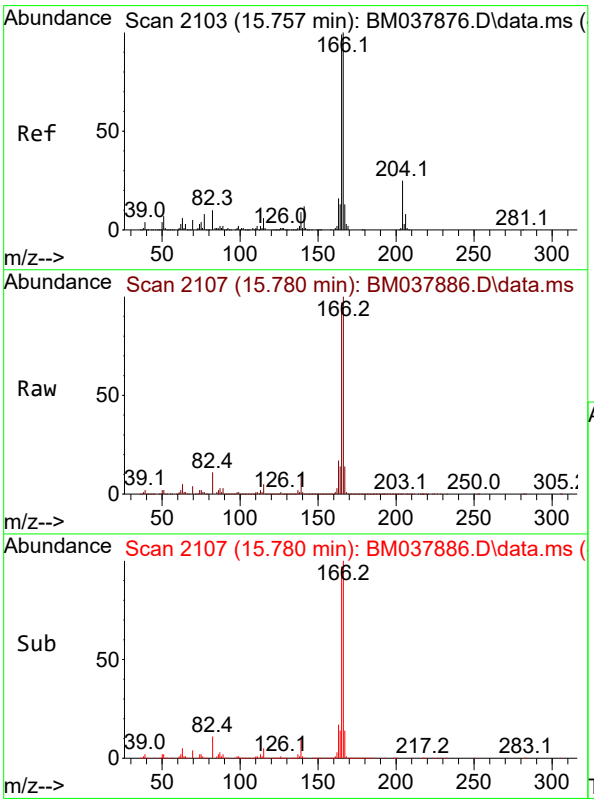
#56
Dibenzofuran
Concen: 143.530 ng/ul
RT: 15.122 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Instrument :
BNA_M
ClientSampleId :
DBXL5

Tgt Ion:168 Resp: 9745648

Ion	Ratio	Lower	Upper
168	100		
139	40.6	28.1	42.1

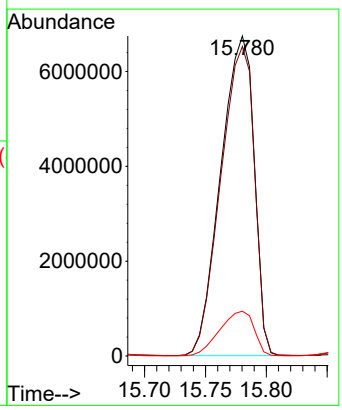


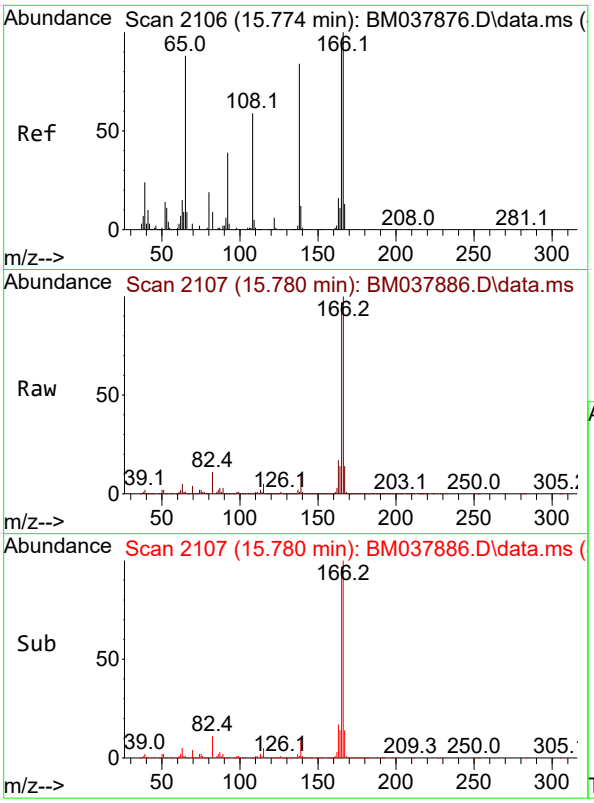


#61
Fluorene
Concen: 232.609 ng/ul
RT: 15.780 min Scan# 2107
Delta R.T. 0.018 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Tgt Ion:166 Resp:12880473

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.2	115.8
167	14.0	10.4	15.6



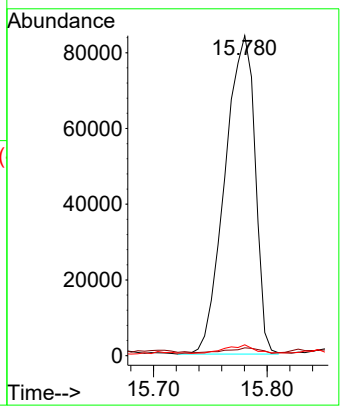


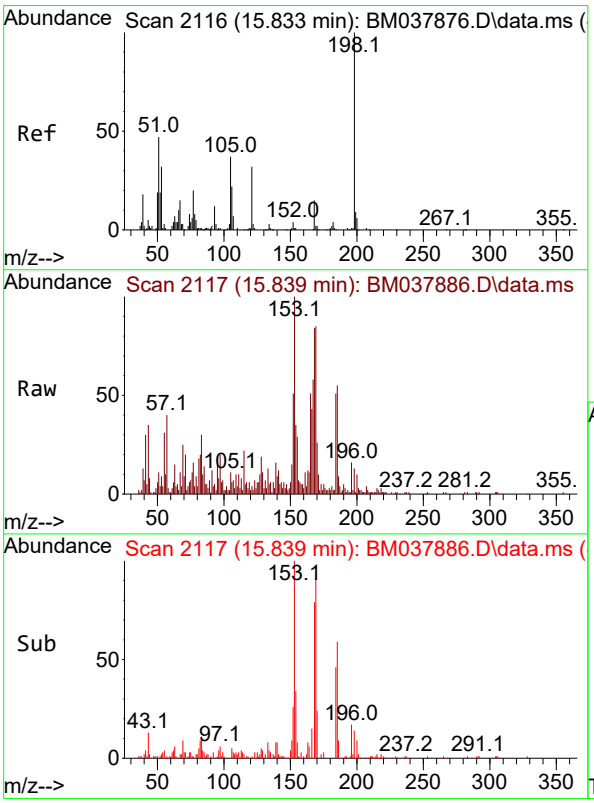
#63
4-Nitroaniline
Concen: 16.729 ng/ul
RT: 15.780 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Instrument :
BNA_M
ClientSampleId :
DBXL5

Tgt Ion:138 Resp: 155179

Ion	Ratio	Lower	Upper
138	100		
92	2.4	36.1	54.1#
108	3.4	51.6	77.4#

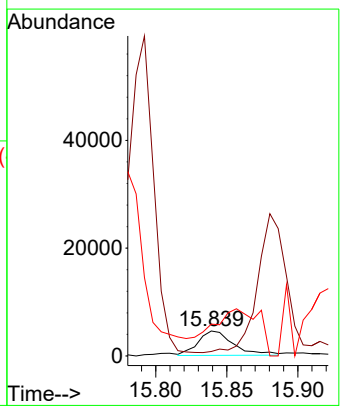


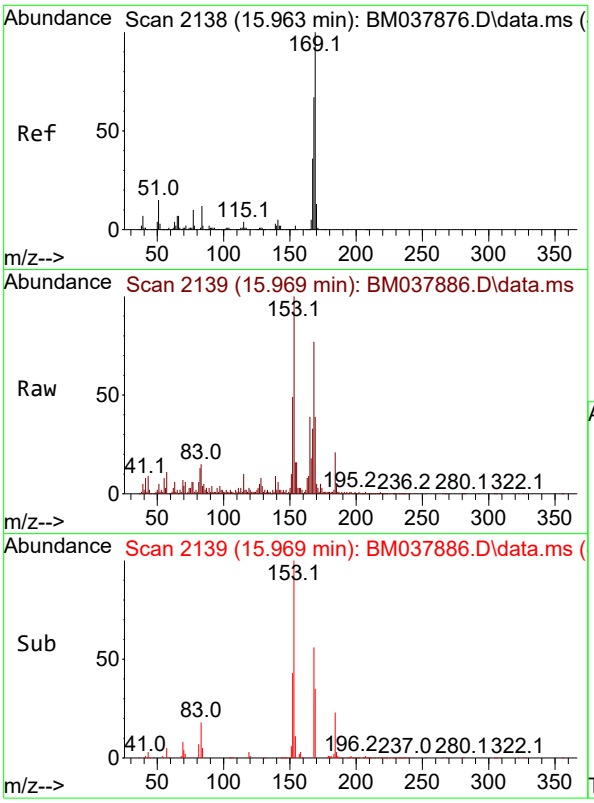


#66
4,6-Dinitro-2-methylphenol
Concen: 1.179 ng/ul
RT: 15.839 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Tgt Ion:198 Resp: 7907

Ion	Ratio	Lower	Upper
198	100		
182	18.2	3.8	5.8#
77	127.1	19.3	28.9#



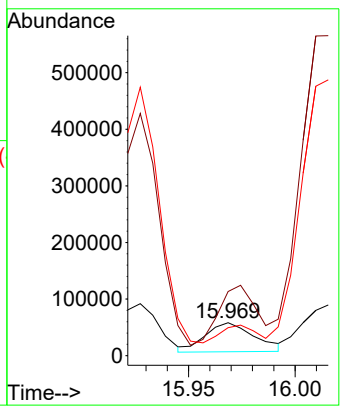


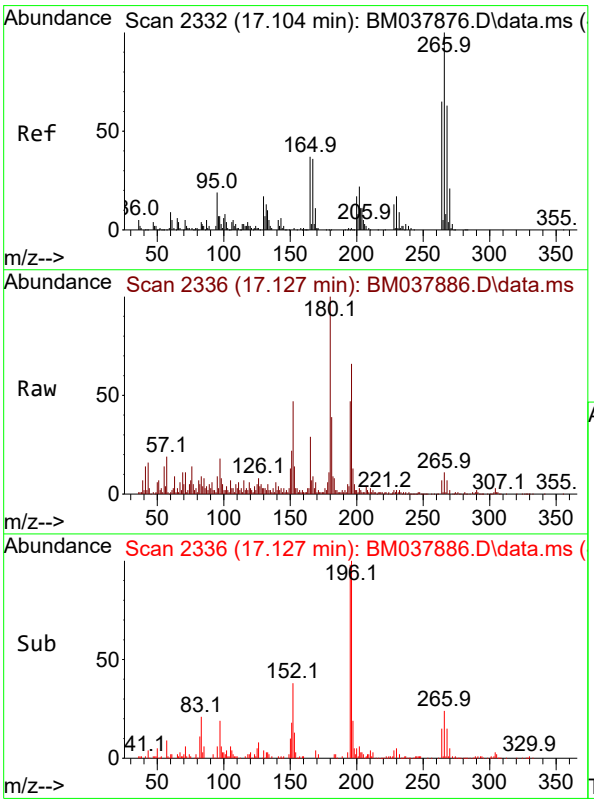
#67
N-Nitrosodiphenylamine
Concen: 2.092 ng/ul
RT: 15.969 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Instrument :
BNA_M
ClientSampleId :
DBXL5

Tgt Ion:169 Resp: 81741

Ion	Ratio	Lower	Upper
169	100		
168	194.6	53.8	80.8#
167	84.9	29.3	43.9#

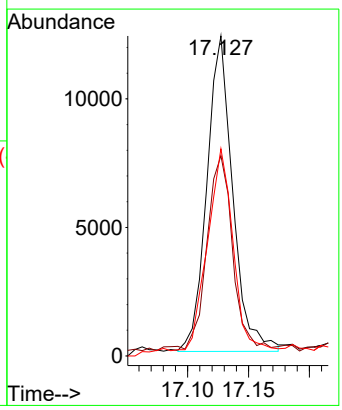


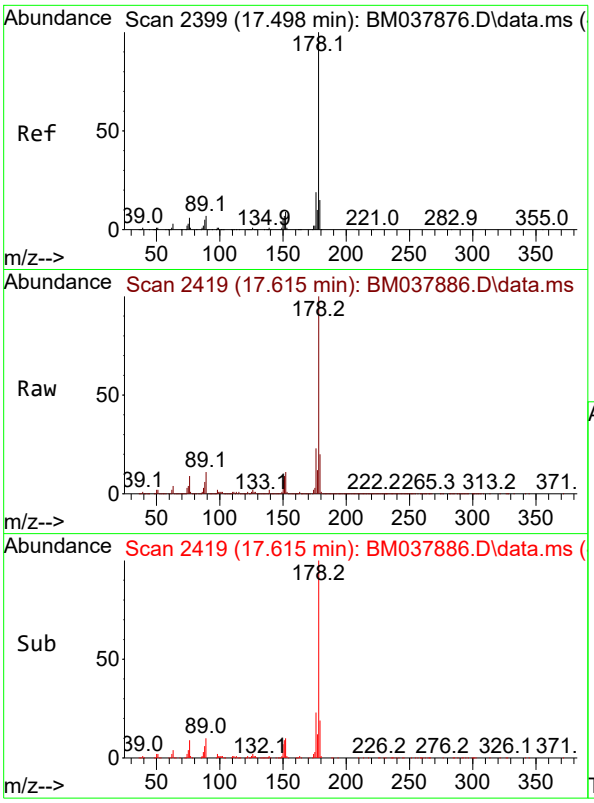


#71
Pentachlorophenol
Concen: 1.928 ng/ul
RT: 17.127 min Scan# 2336
Delta R.T. 0.024 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Tgt Ion:266 Resp: 18169

Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.1	75.1
268	64.8	50.6	75.8



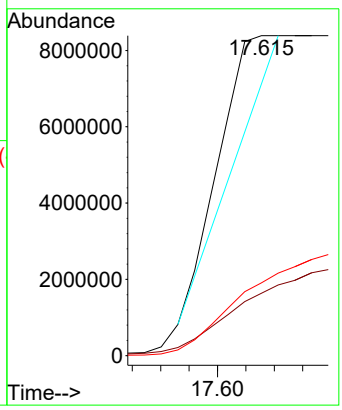


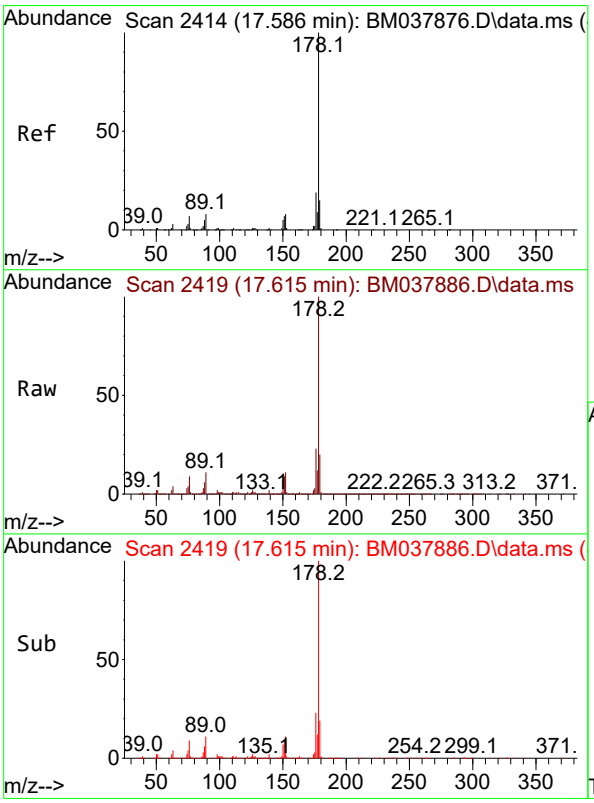
#72
Phenanthrene
Concen: 54.502 ng/ul
RT: 17.615 min Scan# 24
Delta R.T. 0.118 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Instrument :
BNA_M
ClientSampleId :
DBXL5

Tgt Ion:178 Resp: 3856186

Ion	Ratio	Lower	Upper
178	100		
179	19.5	12.2	18.2#
176	22.8	15.4	23.0

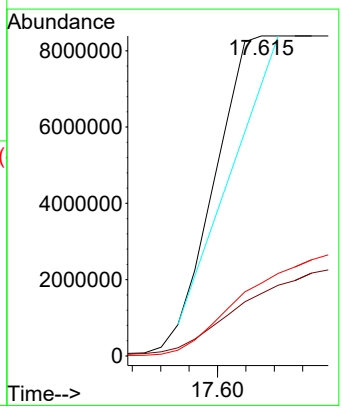


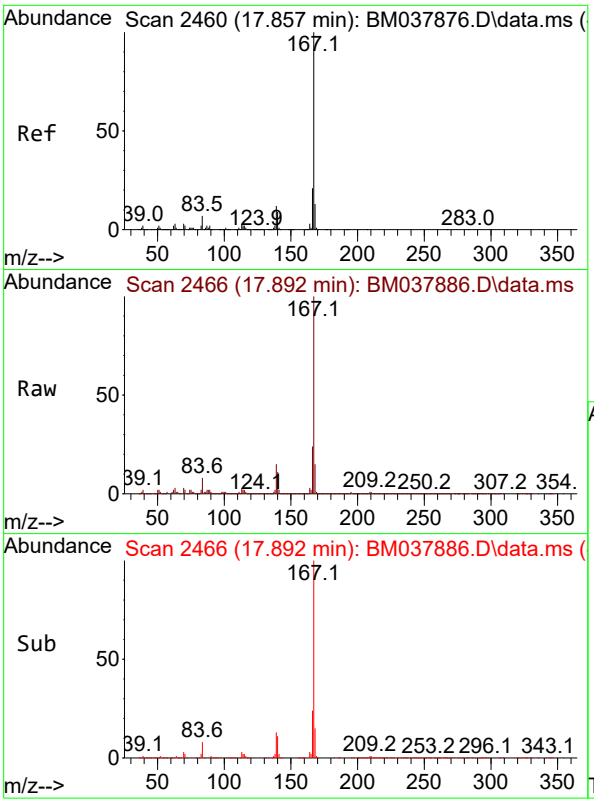


#74
Anthracene
Concen: 53.630 ng/ul
RT: 17.615 min Scan# 2419
Delta R.T. 0.024 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Tgt Ion:178 Resp: 3856186

Ion	Ratio	Lower	Upper
178	100		
179	19.5	11.8	17.8#
176	22.8	15.0	22.6#



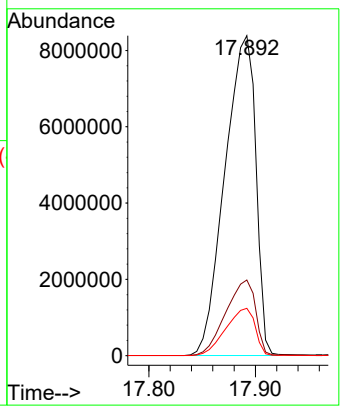


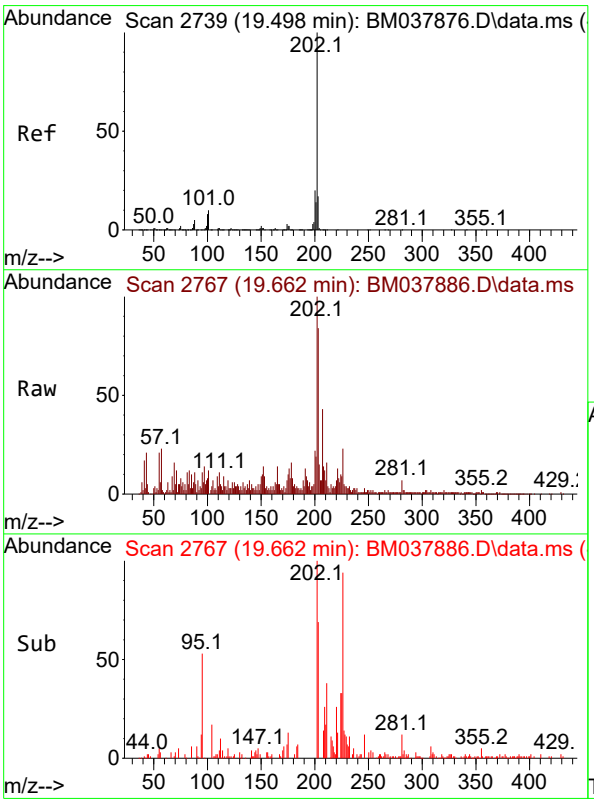
#77
Carbazole
Concen: 271.078 ng/ul
RT: 17.892 min Scan# 24
Delta R.T. 0.035 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Instrument :
BNA_M
ClientSampleId :
DBXL5

Tgt Ion:167 Resp:16886980

Ion	Ratio	Lower	Upper
167	100		
166	23.6	16.7	25.1
139	14.8	9.8	14.6#

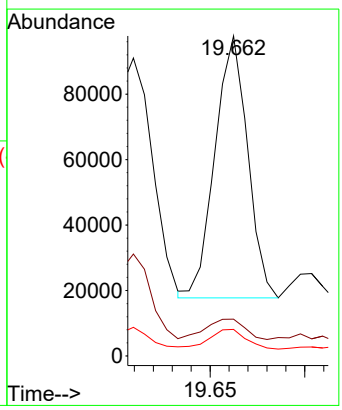


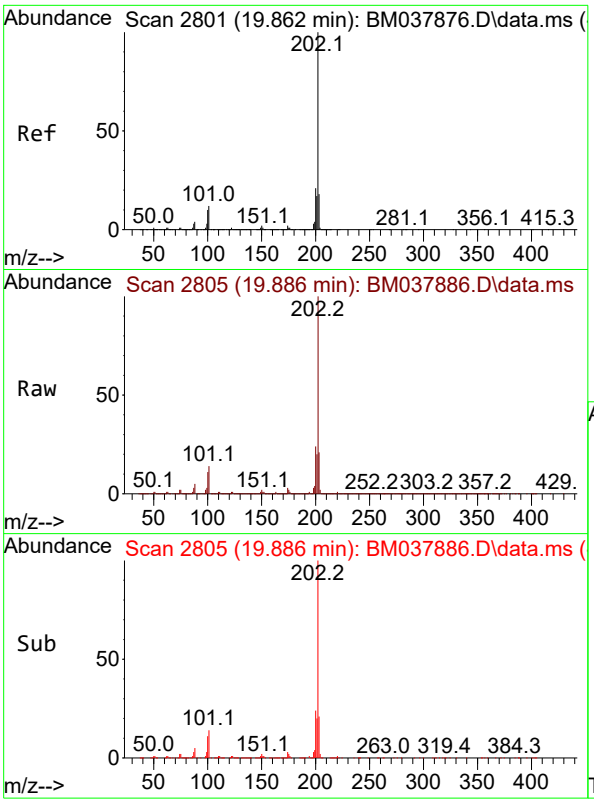


#80
Fluoranthene
Concen: 1.616 ng/ul
RT: 19.662 min Scan# 2767
Delta R.T. 0.159 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Tgt Ion:202 Resp: 95966

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.6	13.0
100	8.3	6.6	10.0



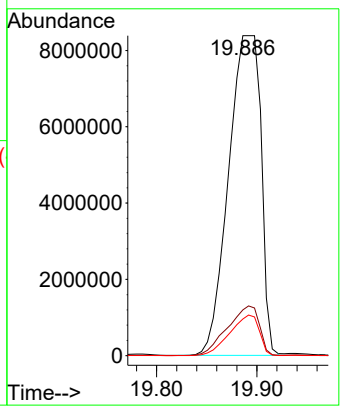


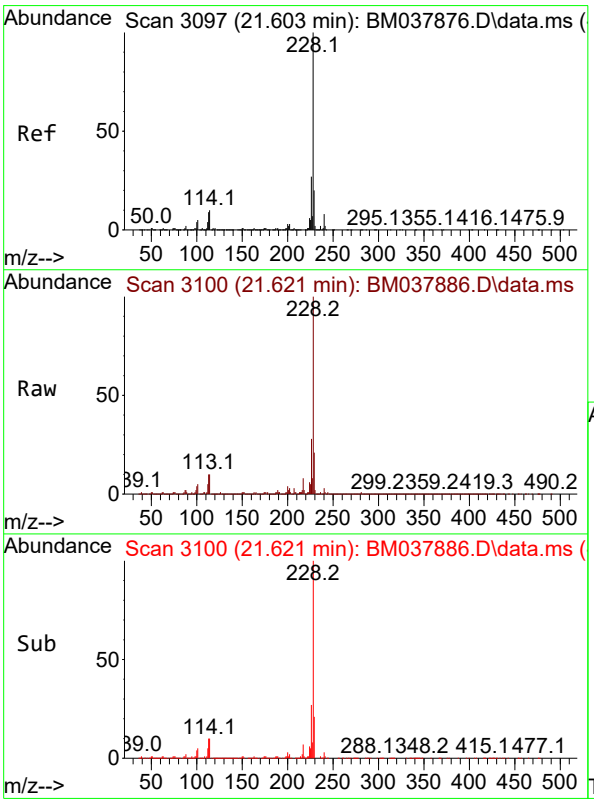
#82
Pyrene
Concen: 305.196 ng/ul
RT: 19.886 min Scan# 2
Delta R.T. 0.018 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Instrument :
BNA_M
ClientSampleId :
DBXL5

Tgt Ion:202 Resp:18864308

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.0	15.0
100	11.4	7.9	11.9

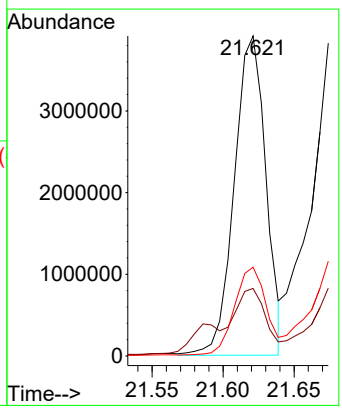


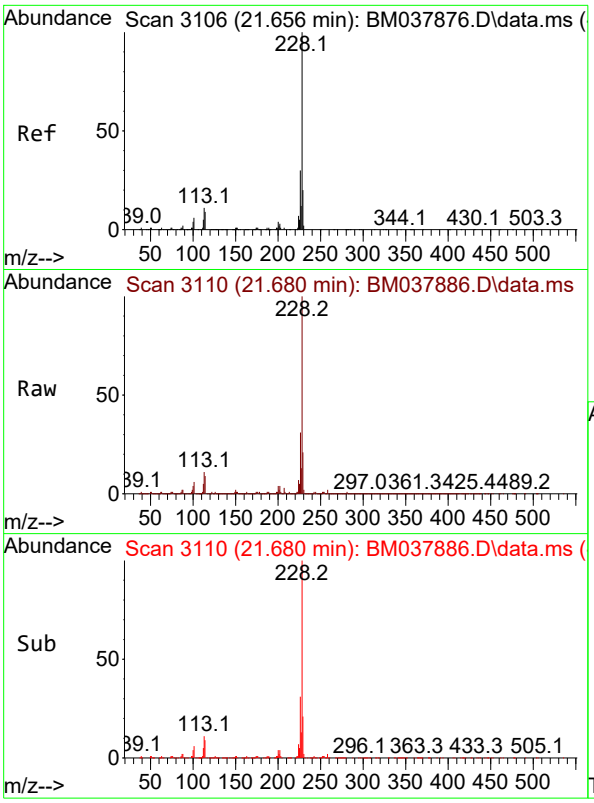


#85
Benzo(a)anthracene
Concen: 107.382 ng/ul
RT: 21.621 min Scan# 3100
Delta R.T. 0.012 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Tgt Ion:228 Resp: 6056334

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.5	23.3
226	27.7	21.8	32.8



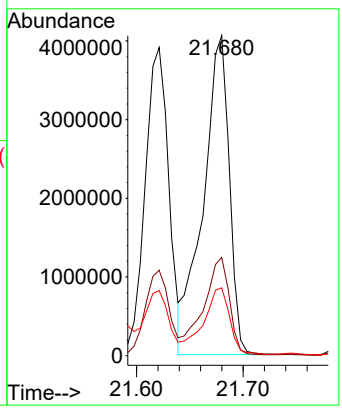


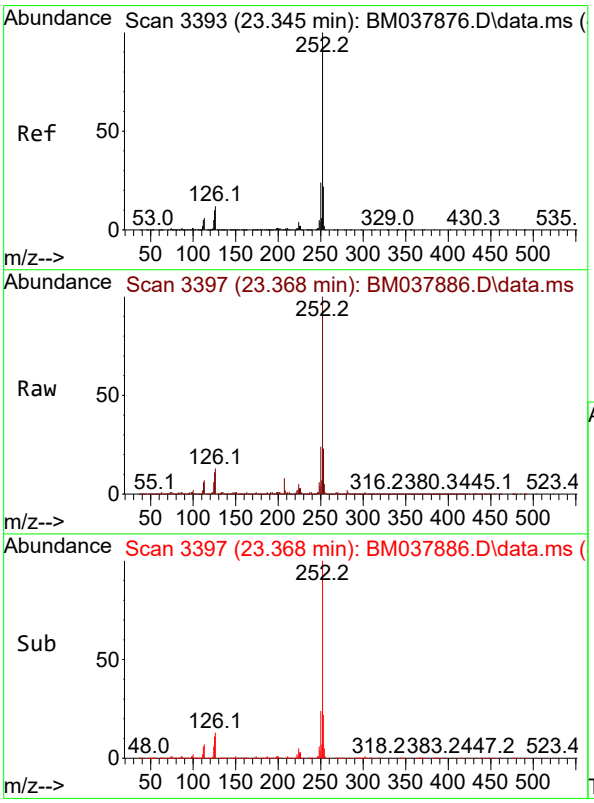
#87
Chrysene
Concen: 130.873 ng/ul
RT: 21.680 min Scan# 3
Delta R.T. 0.018 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Instrument :
BNA_M
ClientSampleId :
DBXL5

Tgt Ion:228 Resp: 6925402

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	21.2	15.6	23.4

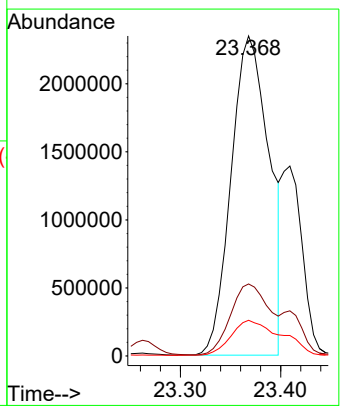


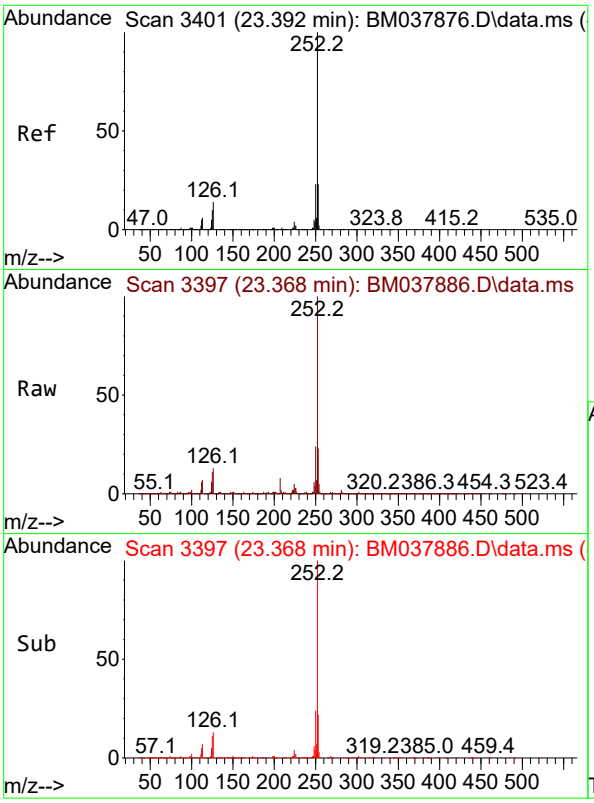


#90
Benzo(b)fluoranthene
Concen: 96.023 ng/ul
RT: 23.368 min Scan# 3397
Delta R.T. 0.024 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Tgt Ion:252 Resp: 6210760

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	11.1	8.0	12.0



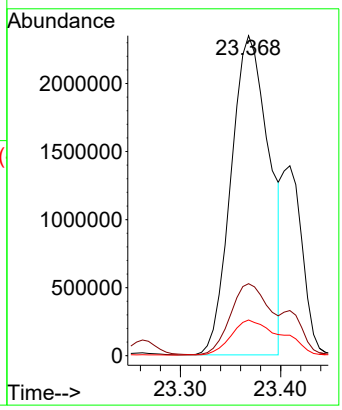


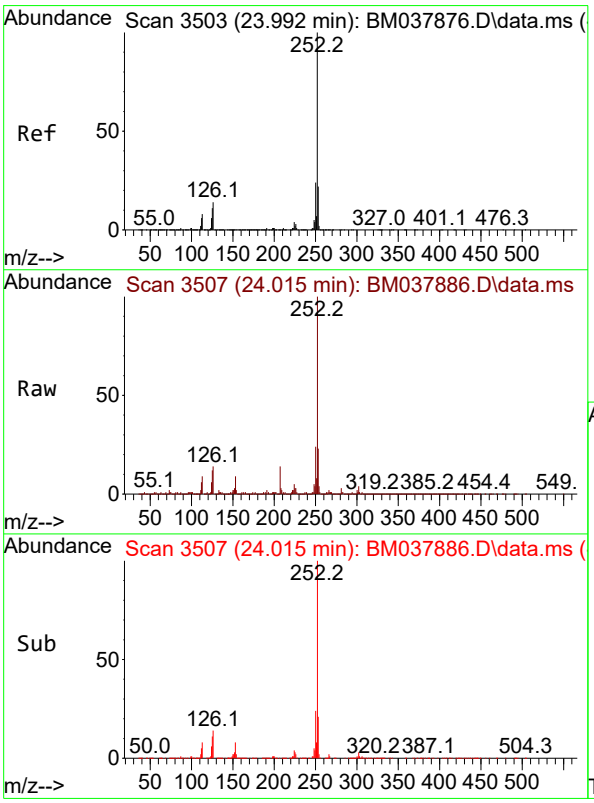
#91
Benzo(k)fluoranthene
Concen: 99.079 ng/ul
RT: 23.368 min Scan# 3
Delta R.T. -0.029 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Instrument :
BNA_M
ClientSampleId :
DBXL5

Tgt Ion:252 Resp: 6210760

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	11.1	8.1	12.1

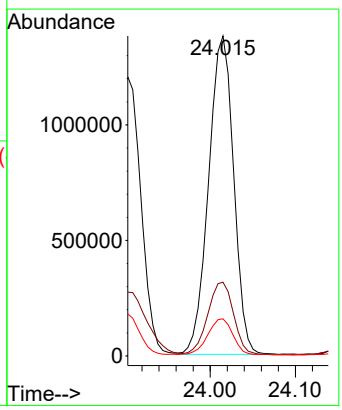


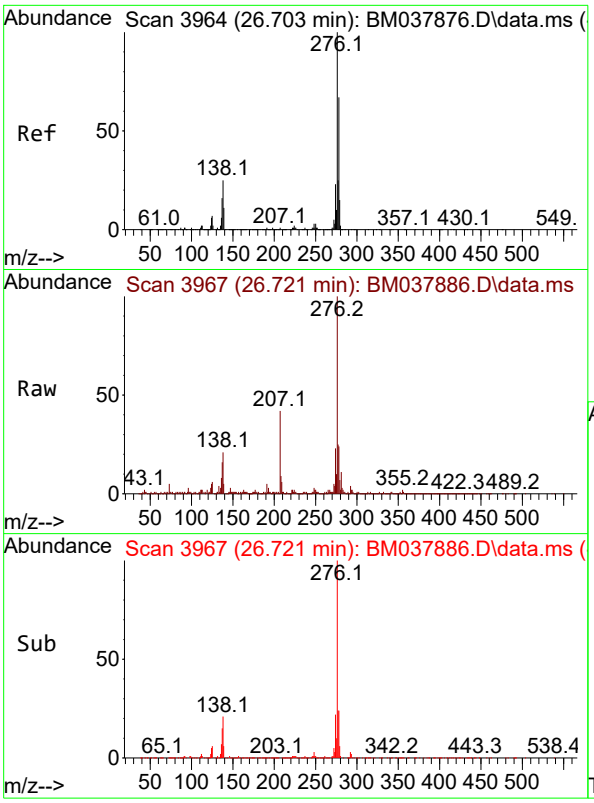


#93
Benzo(a)pyrene
Concen: 49.449 ng/ul
RT: 24.015 min Scan# 3507
Delta R.T. 0.018 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Tgt Ion:252 Resp: 2812548

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	11.6	9.4	14.0



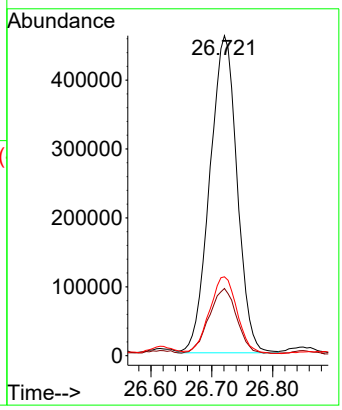


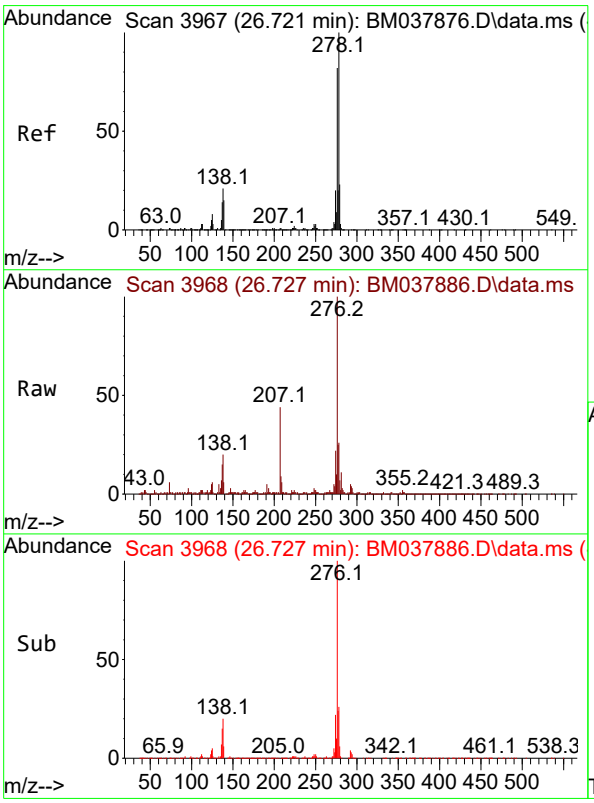
#94
Indeno(1,2,3-cd)pyrene
Concen: 19.552 ng/ul
RT: 26.721 min Scan# 3
Delta R.T. 0.012 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Instrument :
BNA_M
ClientSampleId :
DBXL5

Tgt Ion:276 Resp: 1432266

Ion	Ratio	Lower	Upper
276	100		
138	21.0	19.3	28.9
277	24.7	19.8	29.8

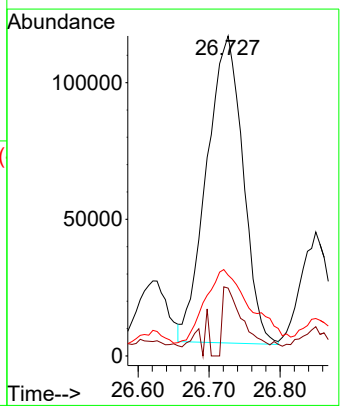


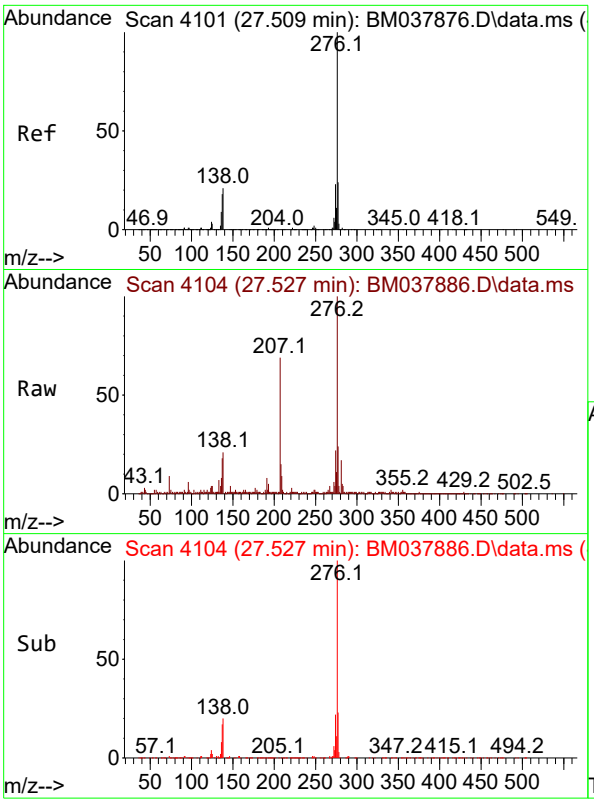


#95
Dibenzo(a,h)anthracene
Concen: 6.457 ng/ul
RT: 26.727 min Scan# 3968
Delta R.T. 0.000 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Tgt Ion:278 Resp: 398716

Ion	Ratio	Lower	Upper
278	100		
139	21.2	12.4	18.6#
279	25.3	19.8	29.6





#96
Benzo(g,h,i)perylene
Concen: 17.212 ng/ul
RT: 27.527 min Scan# 4
Delta R.T. 0.012 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Instrument :
BNA_M
ClientSampleId :
DBXL5

Tgt Ion:276 Resp: 1006662

Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.1	25.7
277	23.8	18.2	27.4