Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

Quant Time: Jun 06 01:11:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	254987	20.000	ng/ul	0.00
20) Naphthalene-d8	10.228	136	1020139	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.104	164	569542	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.857	188	960130	20.000	ng/ul	0.00
79) Chrysene-d12	21.074	240	684017	20.000	ng/ul	0.00
88) Perylene-d12	23.791	264	826418	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	30985	4.711	ng/uL	0.00
4) Pyridine-d5	3.463	84	719	0.042	ng/ul	0.00
7) Phenol-d5	6.722	99	712026	32.870	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.828	67	493935	31.754	ng/ul	0.00
11) 2-Chlorophenol-d4	7.028	132	573383	35.436	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	538296	32.892	ng/ul	0.00
21) Nitrobenzene-d5	8.628	128	284196	35.631	ng/ul	0.00
24) 2-Nitrophenol-d4	9.339	143	307600	38.105	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.886	165	529981	35.011	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	267112	12.750	ng/ul	0.00
46) Dimethylphthalate-d6	13.551	166	1433666	36.360	ng/ul	0.00
49) Acenaphthylene-d8	13.798	160	1637021	35.753	ng/ul	0.00
54) 4-Nitrophenol-d4	14.410	143	141484	16.627	ng/ul	0.00
60) Fluorene-d10	15.104	176	1146981	34.099	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.251	200	91929	18.750	ng/ul	0.00
73) Anthracene-d10	16.951	188	1459392	34.965	ng/ul	0.00
81) Pyrene-d10	19.256	212	1408370	33.108	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.615	264	1053312	27.271	ng/ul	0.01
Target Compounds						Qvalue
8) Phenol	6.746	94	31300	1.393	ng/ul#	82
18) 4-Methylphenol	8.298	108	37512	2.204	ng/ul	94
30) Naphthalene	10.275	128	1466985	26.967	ng/ul	99
36) 2-Methylnaphthalene	11.898	142	531026	14.740	ng/ul	100
37) 1-Methylnaphthalene	12.122	142	472668	13.123	ng/ul	100
43) 1,1'-Biphenyl	12.939	154	169519	4.012	ng/ul	99
50) Acenaphthylene	13.827	152	1507390	28.446	ng/ul	100
52) Acenaphthene	14.169	153	688119	19.459	ng/ul	98
56) Dibenzofuran	14.510	168	1318372	27.646	ng/ul	100
61) Fluorene	15.163	166	1014237	26.396	ng/ul	98
72) Phenanthrene	16.986	178	2310177	45.664	ng/ul	100
74) Anthracene	16.986	178	2310177	45.717	ng/ul	99
77) Carbazole	17.274	167	2856116	66.241	ng/ul	98
80) Fluoranthene	19.068	202	814197	15.789	ng/ul	99
82) Pyrene	19.192	202	116844	2.205	ng/ul	97
85) Benzo(a)anthracene	21.056	228	5401948	114.376	ng/ul	94
87) Chrysene	21.115	228	7272751	166.456	ng/ul	97
90) Benzo(b)fluoranthene	22.962	252	7773458	153.059	ng/ul	99
91) Benzo(k)fluoranthene	23.003	252	2523374	50.869	ng/ul	96
93) Benzo(a)pyrene	23.674	252	2423307	54.300	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.809	276	2178057	44.690	ng/ul	99
95) Dibenzo(a,h)anthracene	26.838	278	724661	18.799	ng/ul	94
96) Benzo(g,h,i)perylene	27.738	276	270631	6.305	ng/ul	97

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

Quant Time: Jun 06 01:11:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

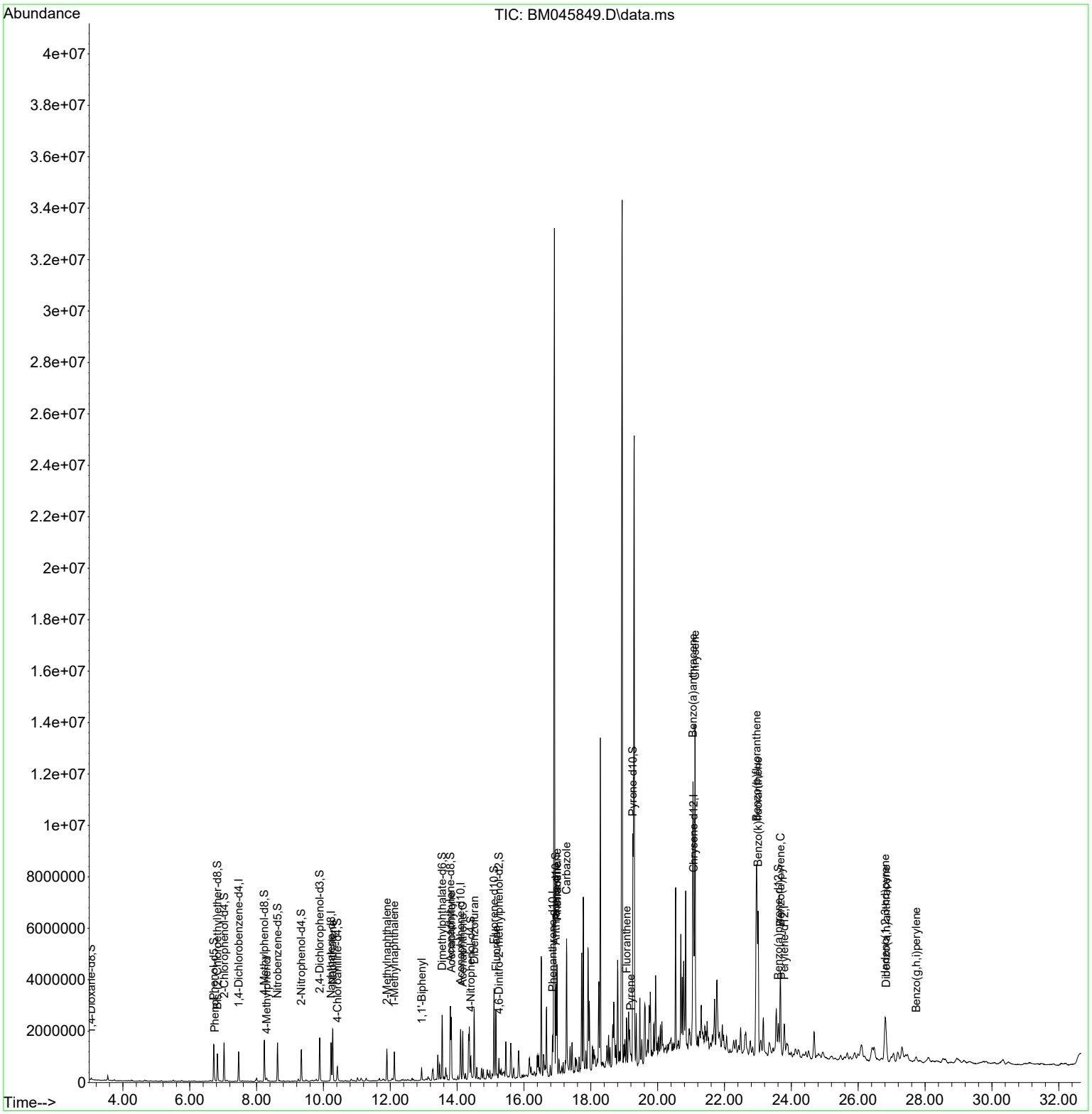
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

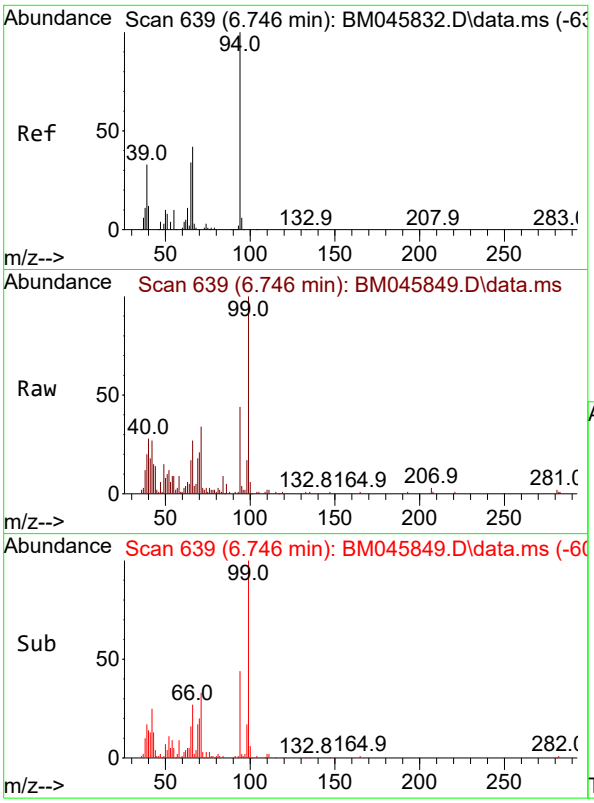
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

Quant Time: Jun 06 01:11:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration



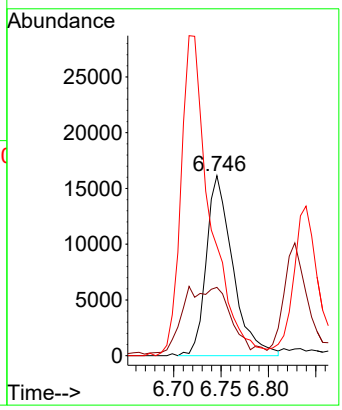


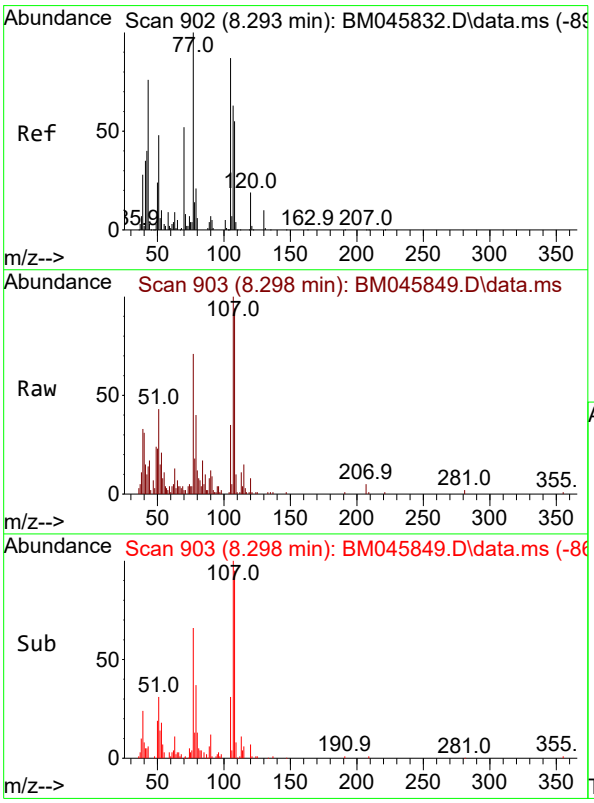
#8
Phenol
Concen: 1.393 ng/ul
RT: 6.746 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM045849.D
Acq: 05 Jun 2024 14:17

Instrument :
BNA_M
ClientSampleId :
A4D15

Tgt Ion: 94 Resp: 31300

Ion	Ratio	Lower	Upper
94	100		
65	37.9	26.8	40.2
66	60.9	35.1	52.7#

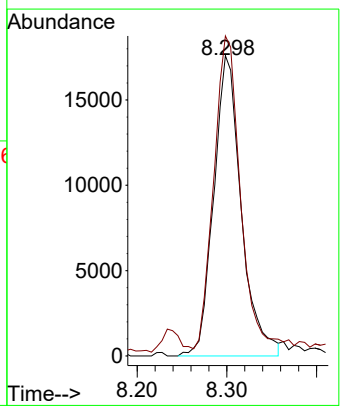


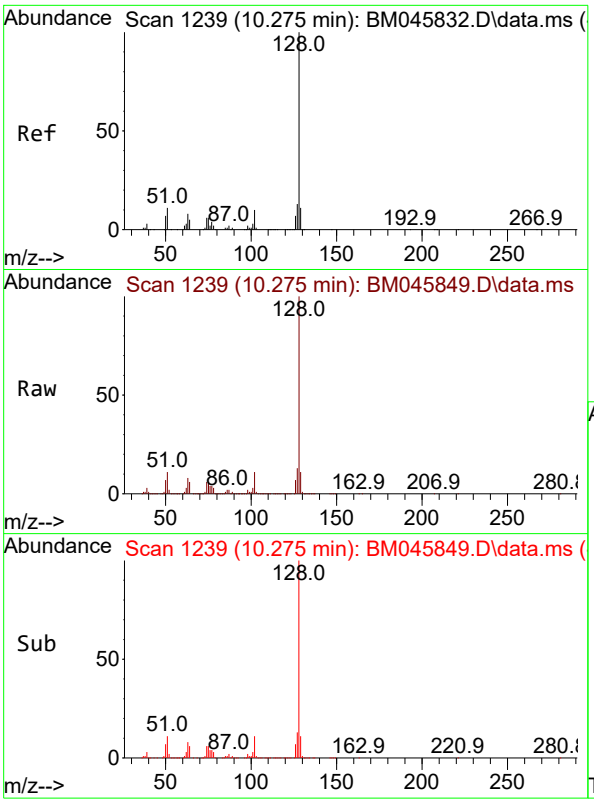


#18
4-Methylphenol
Concen: 2.204 ng/ul
RT: 8.298 min Scan# 903
Delta R.T. 0.000 min
Lab File: BM045849.D
Acq: 05 Jun 2024 14:17

Tgt Ion:108 Resp: 37512

Ion	Ratio	Lower	Upper
108	100		
107	106.5	90.6	136.0



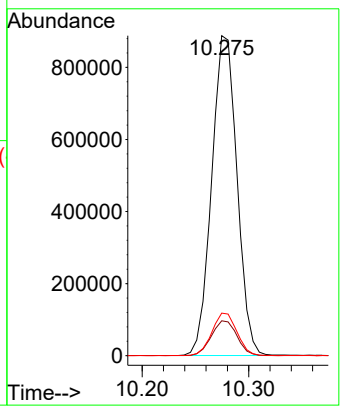


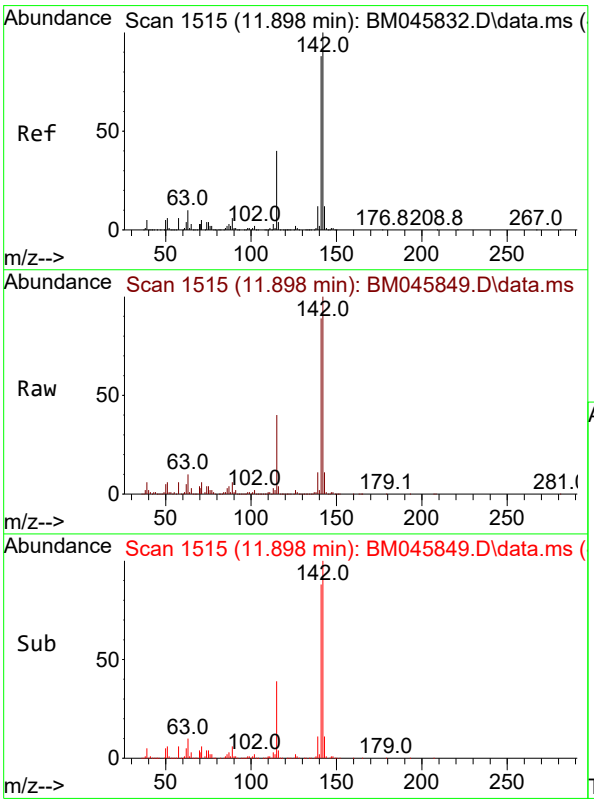
#30
Naphthalene
Concen: 26.967 ng/ul
RT: 10.275 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM045849.D
Acq: 05 Jun 2024 14:17

Instrument :
BNA_M
ClientSampleId :
A4D15

Tgt Ion:128 Resp: 1466985

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	13.3	10.3	15.5

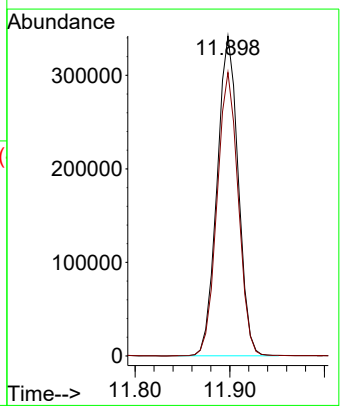


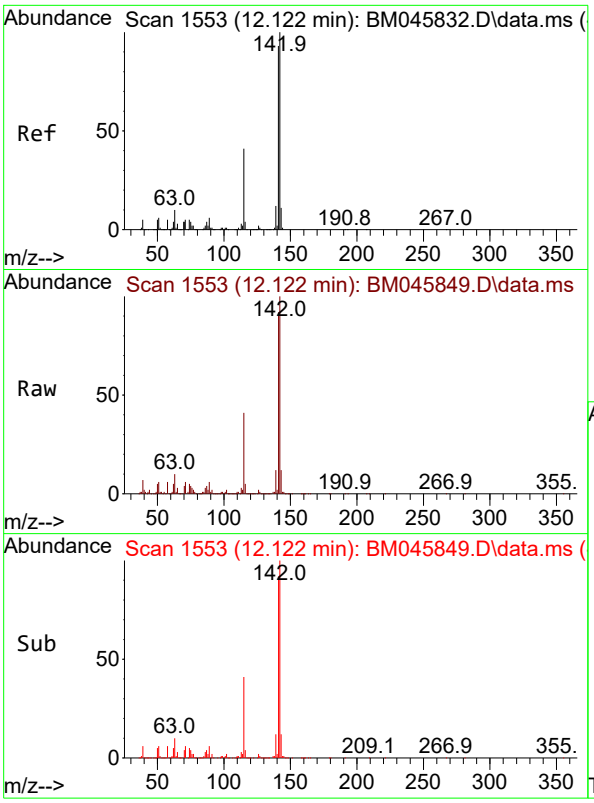


#36
2-Methylnaphthalene
Concen: 14.740 ng/ul
RT: 11.898 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BM045849.D
Acq: 05 Jun 2024 14:17

Tgt Ion:142 Resp: 531026

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.1	106.7



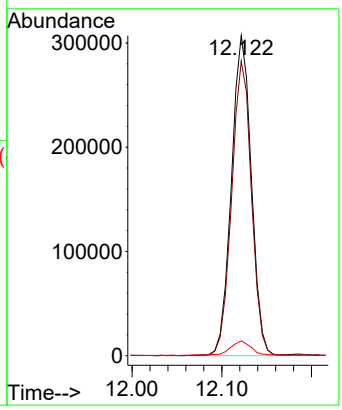


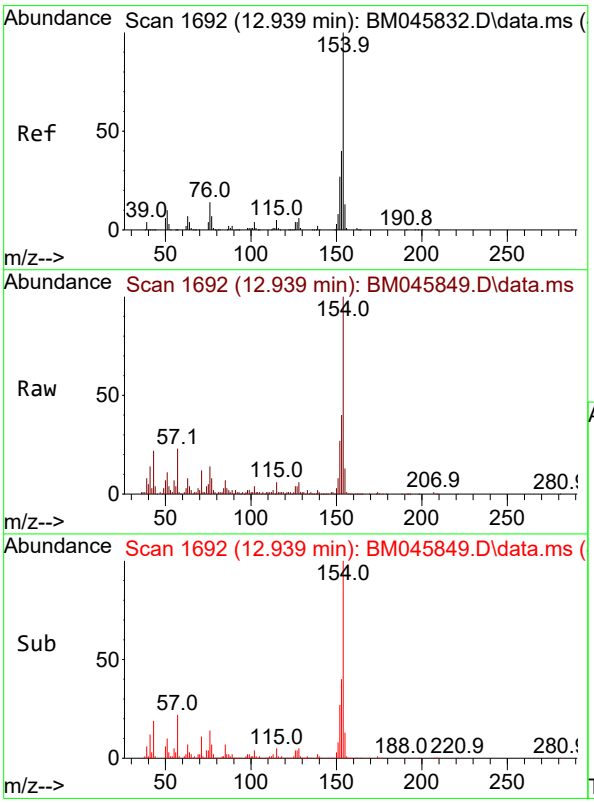
#37
1-Methylnaphthalene
Concen: 13.123 ng/ul
RT: 12.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM045849.D
Acq: 05 Jun 2024 14:17

Instrument :
BNA_M
ClientSampleId :
A4D15

Tgt Ion:142 Resp: 472668

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.5	110.3
116	4.6	3.3	4.9

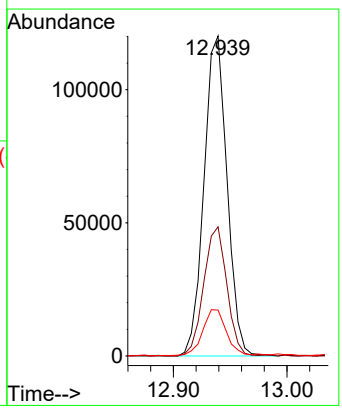


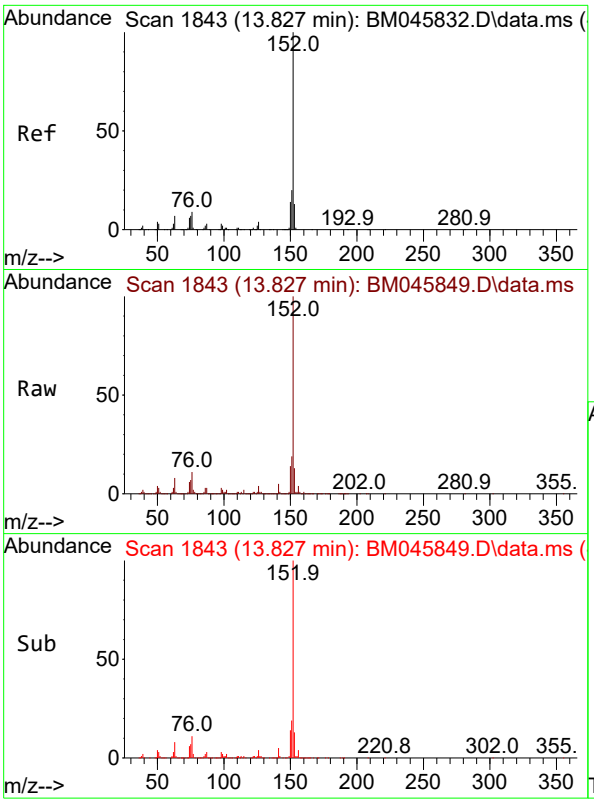


#43
1,1'-Biphenyl
Concen: 4.012 ng/ul
RT: 12.939 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BM045849.D
Acq: 05 Jun 2024 14:17

Tgt Ion:154 Resp: 169519

Ion	Ratio	Lower	Upper
154	100		
153	40.4	31.6	47.4
76	14.4	11.4	17.2



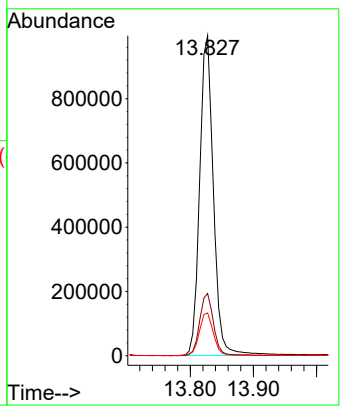


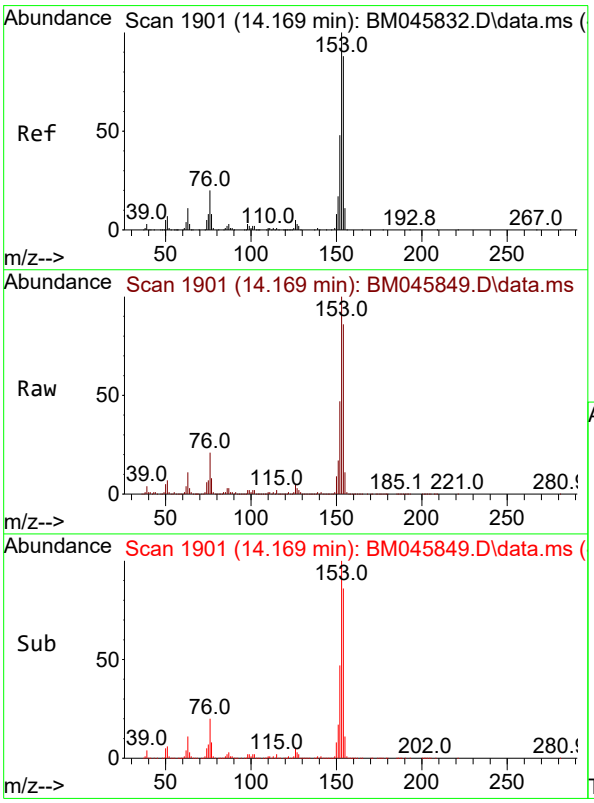
#50
Acenaphthylene
Concen: 28.446 ng/ul
RT: 13.827 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM045849.D
Acq: 05 Jun 2024 14:17

Instrument :
BNA_M
ClientSampleId :
A4D15

Tgt Ion:152 Resp: 1507390

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	13.3	10.4	15.6

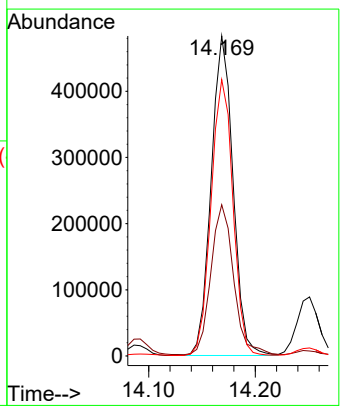


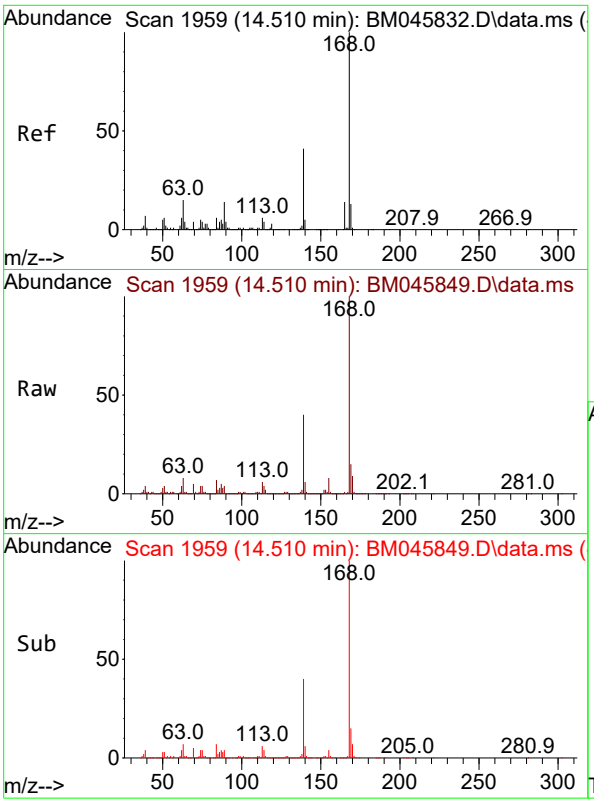


#52
Acenaphthene
Concen: 19.459 ng/ul
RT: 14.169 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BM045849.D
Acq: 05 Jun 2024 14:17

Tgt Ion:153 Resp: 688119

Ion	Ratio	Lower	Upper
153	100		
152	47.2	38.6	58.0
154	86.3	70.7	106.1



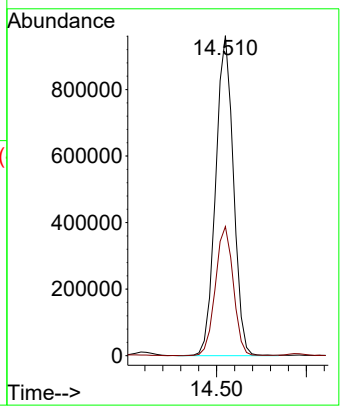


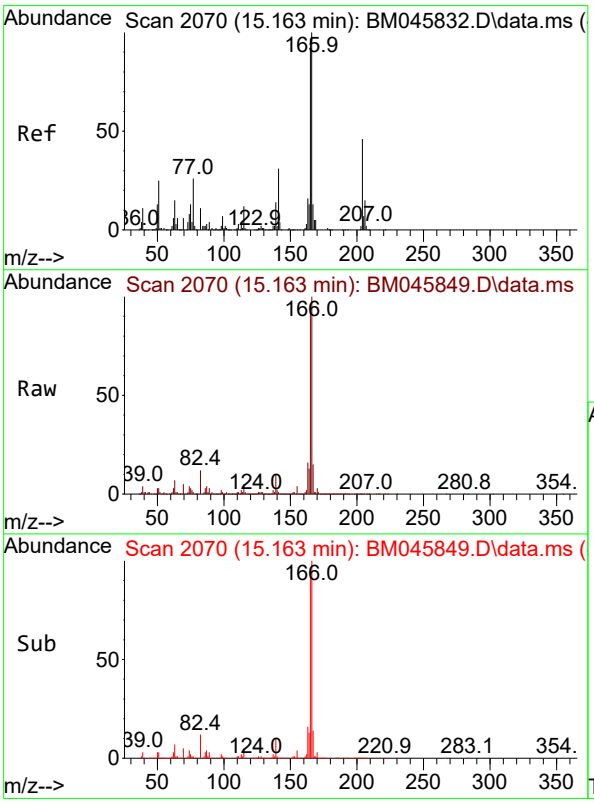
#56
Dibenzofuran
Concen: 27.646 ng/ul
RT: 14.510 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM045849.D
Acq: 05 Jun 2024 14:17

Instrument :
BNA_M
ClientSampleId :
A4D15

Tgt Ion:168 Resp: 1318372

Ion	Ratio	Lower	Upper
168	100		
139	40.3	32.2	48.2

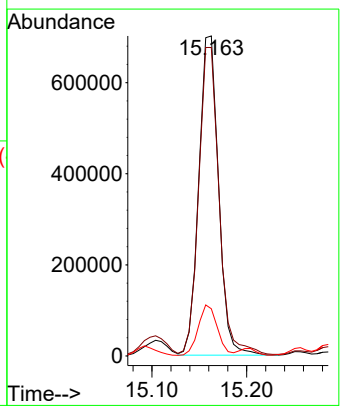


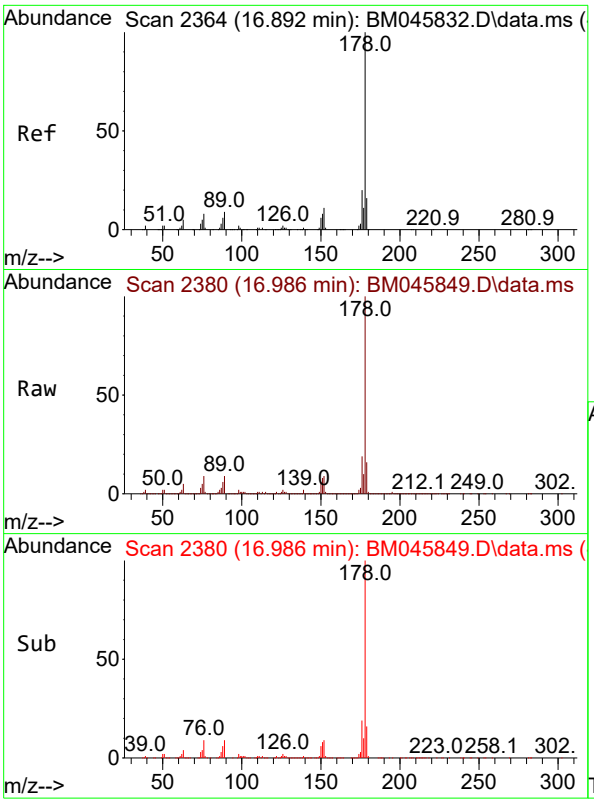


#61
Fluorene
Concen: 26.396 ng/ul
RT: 15.163 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BM045849.D
Acq: 05 Jun 2024 14:17

Tgt Ion:166 Resp: 1014237

Ion	Ratio	Lower	Upper
166	100		
165	96.4	78.1	117.1
167	14.7	10.6	16.0



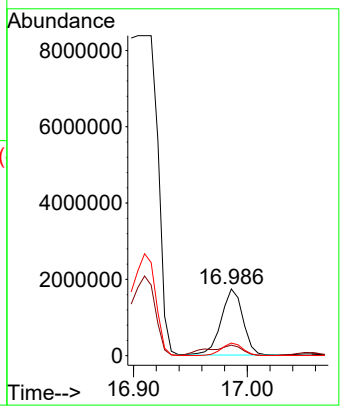


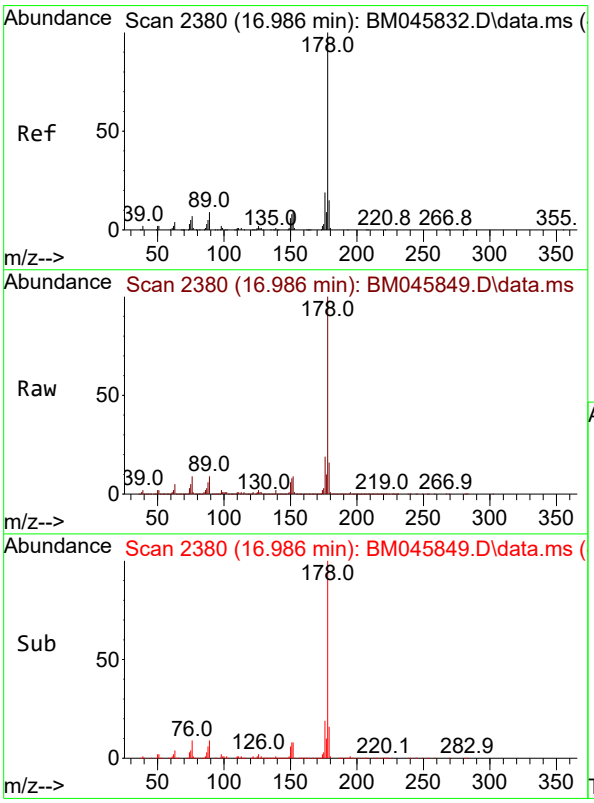
#72
Phenanthrene
Concen: 45.664 ng/ul
RT: 16.986 min Scan# 2
Delta R.T. 0.088 min
Lab File: BM045849.D
Acq: 05 Jun 2024 14:17

Instrument :
BNA_M
ClientSampleId :
A4D15

Tgt Ion:178 Resp: 2310177

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.4	18.6
176	19.0	15.3	22.9

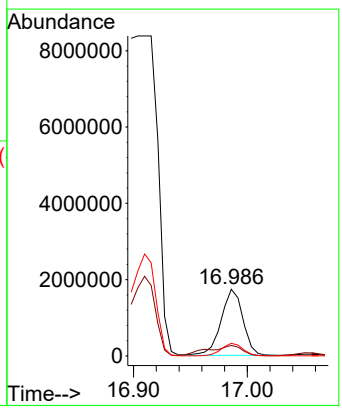


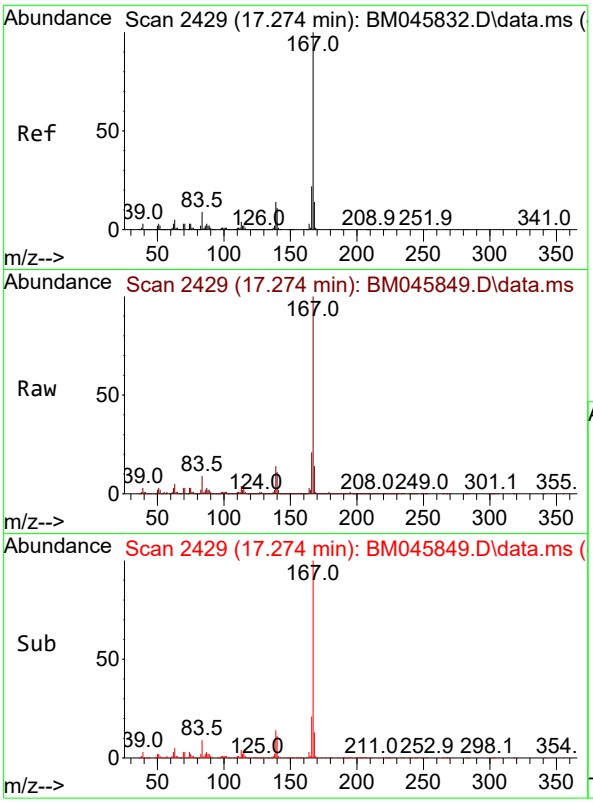


#74
Anthracene
Concen: 45.717 ng/ul
RT: 16.986 min Scan# 2380
Delta R.T. -0.006 min
Lab File: BM045849.D
Acq: 05 Jun 2024 14:17

Tgt Ion:178 Resp: 2310177

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.0	18.0
176	19.0	15.0	22.6



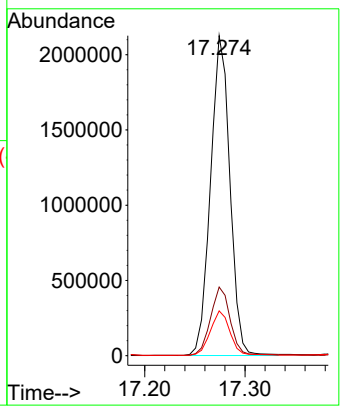


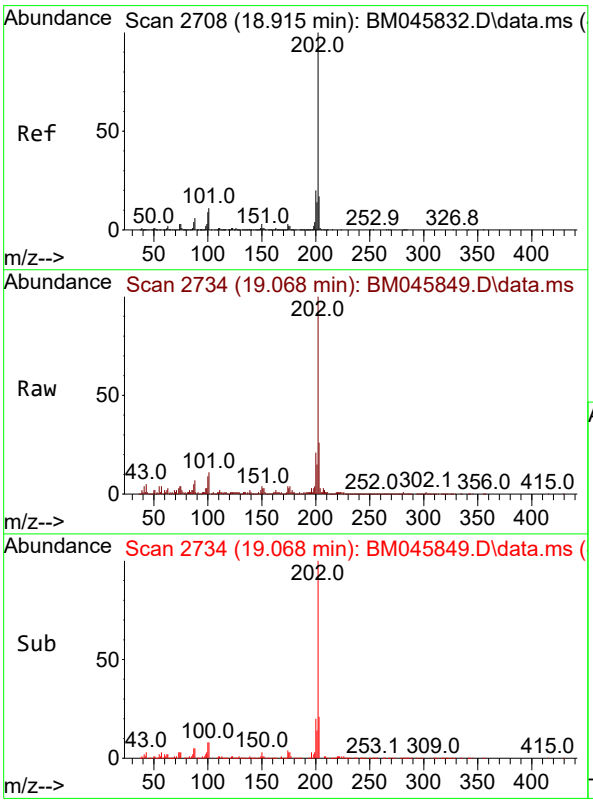
#77
Carbazole
Concen: 66.241 ng/ul
RT: 17.274 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM045849.D
Acq: 05 Jun 2024 14:17

Instrument :
BNA_M
ClientSampleId :
A4D15

Tgt Ion:167 Resp: 2856116

Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.6	24.8
139	14.0	10.6	16.0

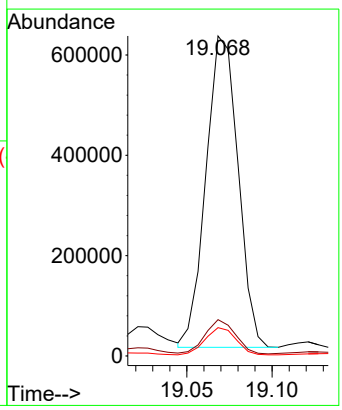


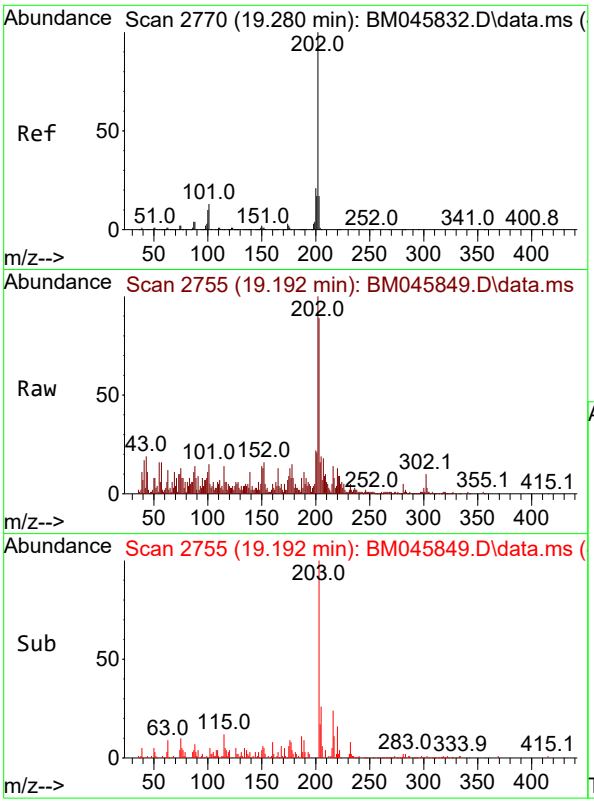


#80
Fluoranthene
Concen: 15.789 ng/ul
RT: 19.068 min Scan# 2734
Delta R.T. 0.147 min
Lab File: BM045849.D
Acq: 05 Jun 2024 14:17

Tgt Ion:202 Resp: 814197

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.9	13.3
100	8.9	6.6	10.0



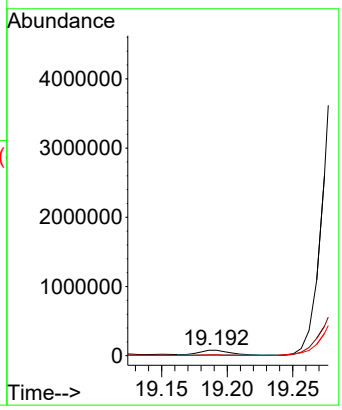


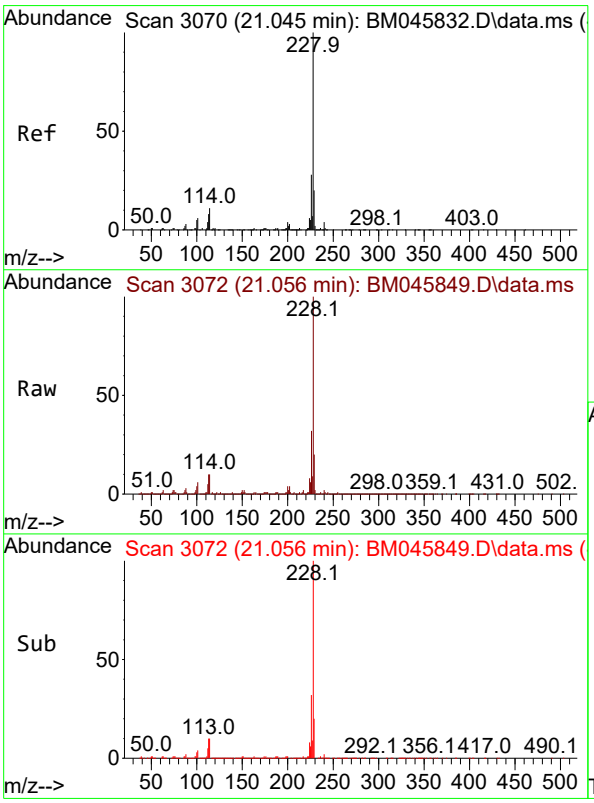
#82
Pyrene
Concen: 2.205 ng/ul
RT: 19.192 min Scan# 2
Delta R.T. -0.094 min
Lab File: BM045849.D
Acq: 05 Jun 2024 14:17

Instrument :
BNA_M
ClientSampleId :
A4D15

Tgt Ion:202 Resp: 116844

Ion	Ratio	Lower	Upper
202	100		
101	15.2	10.5	15.7
100	10.6	8.6	12.8

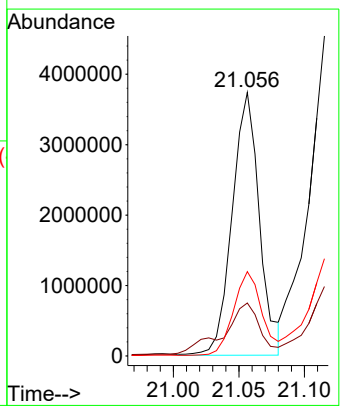


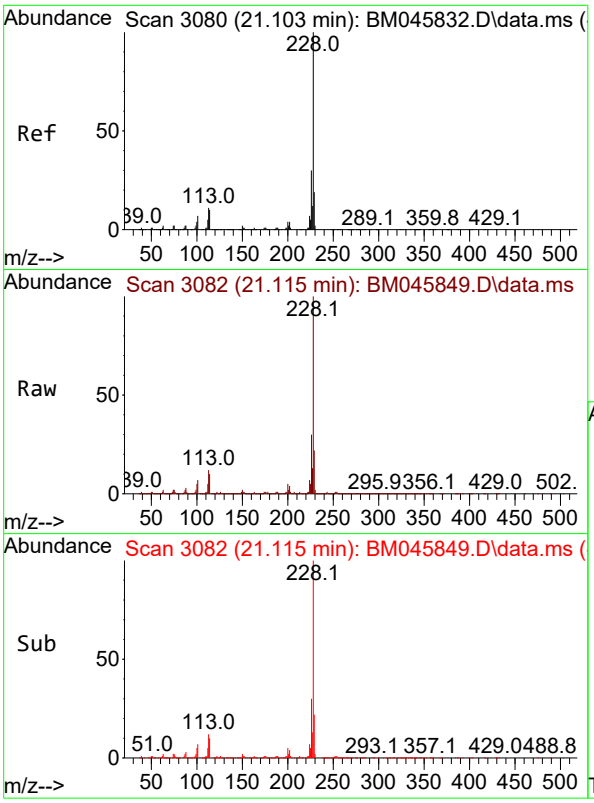


#85
Benzo(a)anthracene
Concen: 114.376 ng/ul
RT: 21.056 min Scan# 3072
Delta R.T. 0.006 min
Lab File: BM045849.D
Acq: 05 Jun 2024 14:17

Tgt Ion:228 Resp: 5401948

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.8
226	32.0	21.4	32.0



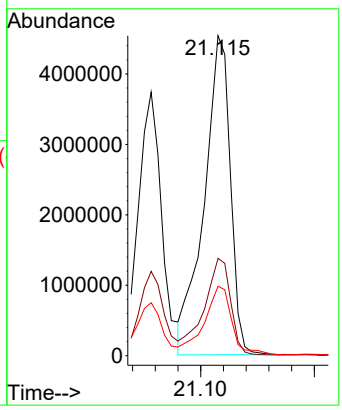


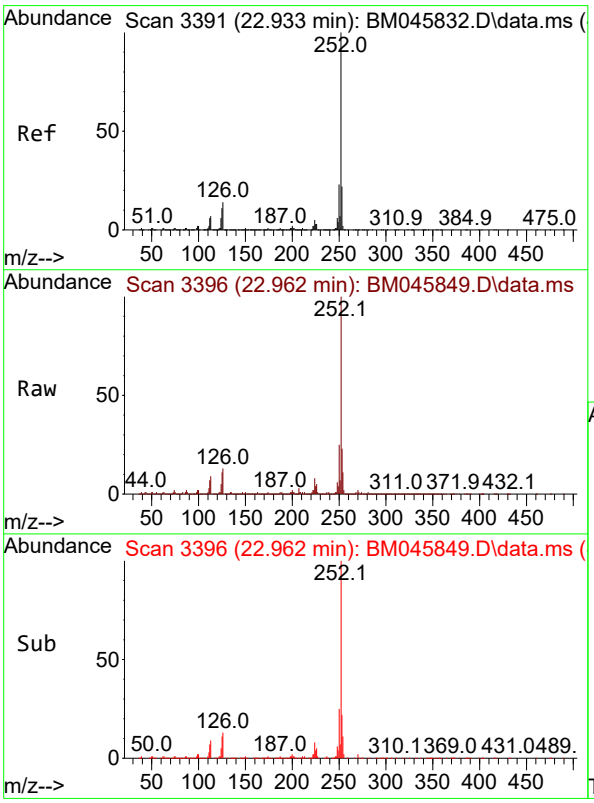
#87
Chrysene
Concen: 166.456 ng/ul
RT: 21.115 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM045849.D
Acq: 05 Jun 2024 14:17

Instrument :
BNA_M
ClientSampleId :
A4D15

Tgt Ion:228 Resp: 7272751

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	21.7	15.2	22.8

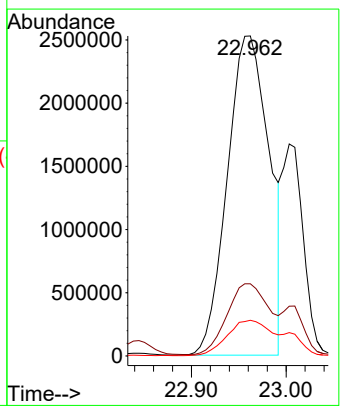


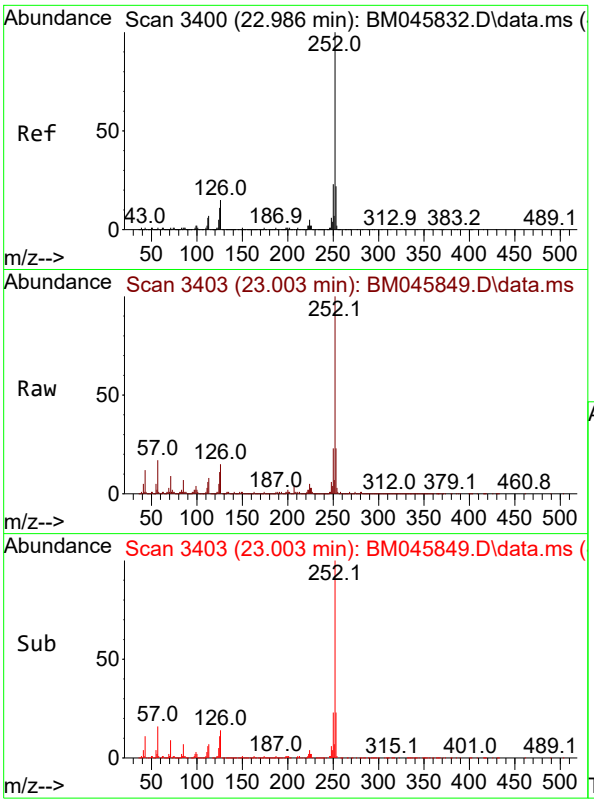


#90
Benzo(b)fluoranthene
Concen: 153.059 ng/ul
RT: 22.962 min Scan# 3396
Delta R.T. 0.024 min
Lab File: BM045849.D
Acq: 05 Jun 2024 14:17

Tgt Ion:252 Resp: 7773458

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	11.1	8.4	12.6



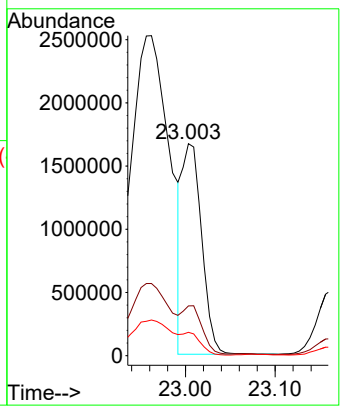


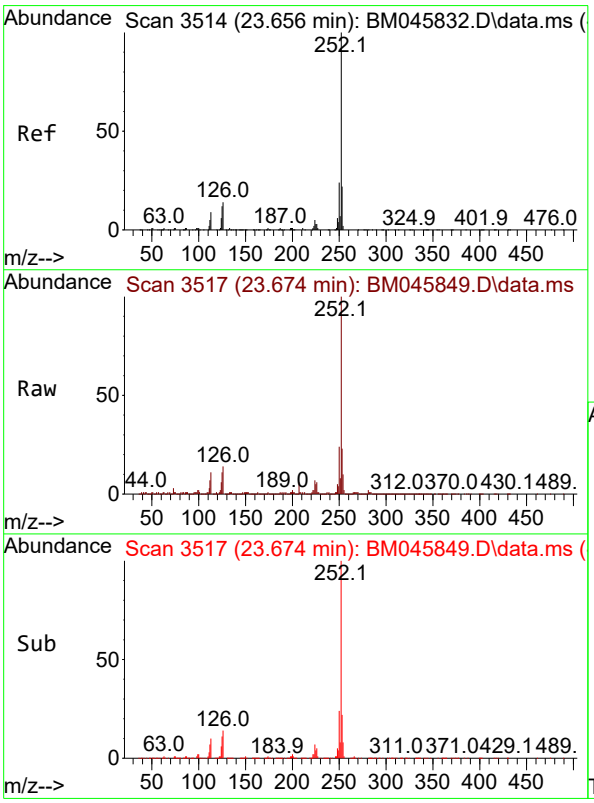
#91
Benzo(k)fluoranthene
Concen: 50.869 ng/ul
RT: 23.003 min Scan# 34
Delta R.T. 0.006 min
Lab File: BM045849.D
Acq: 05 Jun 2024 14:17

Instrument :
BNA_M
ClientSampleId :
A4D15

Tgt Ion:252 Resp: 2523374

Ion	Ratio	Lower	Upper
252	100		
253	23.5	16.8	25.2
125	11.0	8.2	12.4

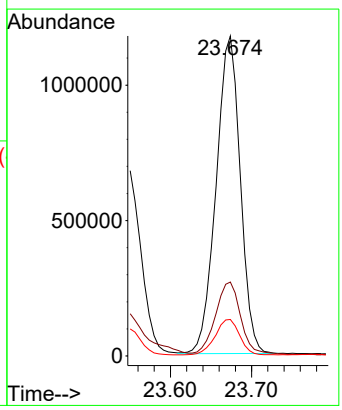


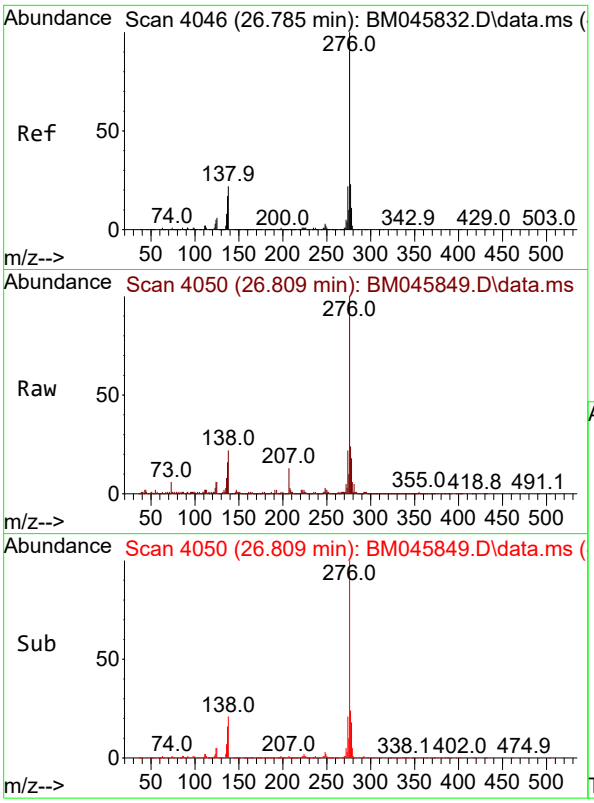


#93
Benzo(a)pyrene
Concen: 54.300 ng/ul
RT: 23.674 min Scan# 3517
Delta R.T. 0.012 min
Lab File: BM045849.D
Acq: 05 Jun 2024 14:17

Tgt Ion:252 Resp: 2423307

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	11.4	9.3	13.9



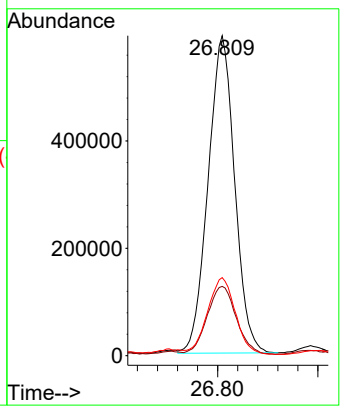


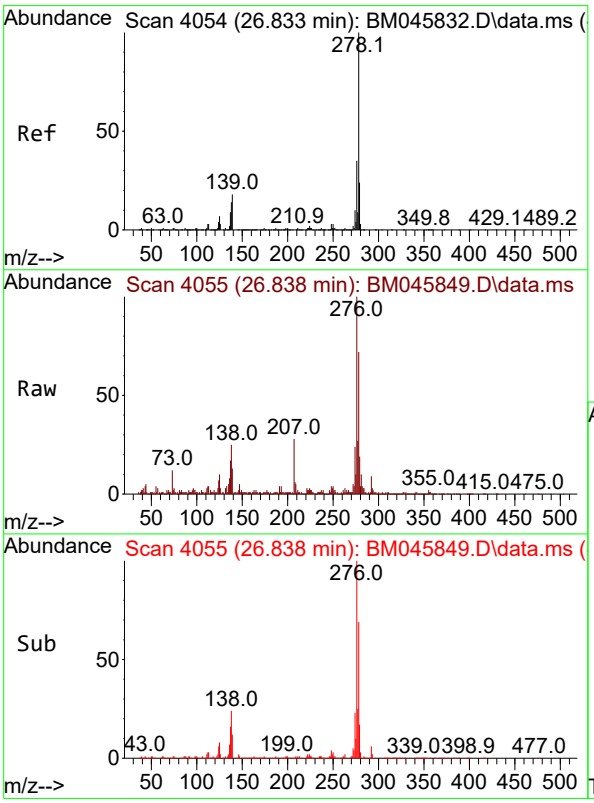
#94
Indeno(1,2,3-cd)pyrene
Concen: 44.690 ng/ul
RT: 26.809 min Scan# 4
Delta R.T. 0.018 min
Lab File: BM045849.D
Acq: 05 Jun 2024 14:17

Instrument :
BNA_M
ClientSampleId :
A4D15

Tgt Ion:276 Resp: 2178057

Ion	Ratio	Lower	Upper
276	100		
138	21.6	17.9	26.9
277	24.4	19.0	28.6

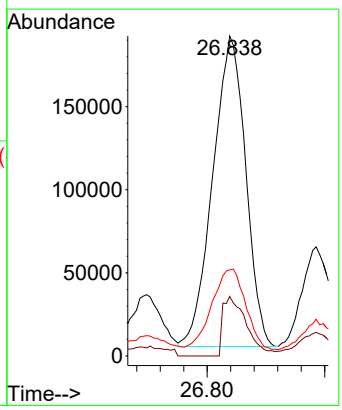


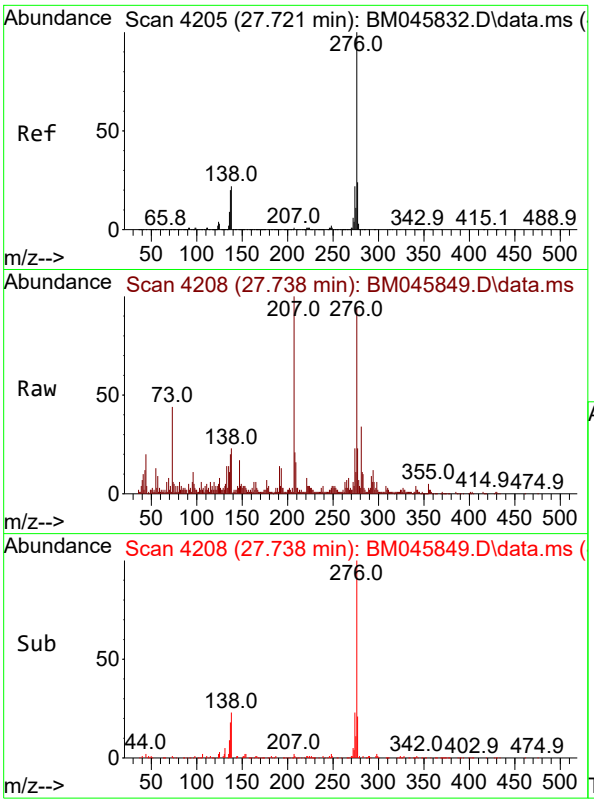


#95
Dibenzo(a,h)anthracene
Concen: 18.799 ng/ul
RT: 26.838 min Scan# 4055
Delta R.T. 0.000 min
Lab File: BM045849.D
Acq: 05 Jun 2024 14:17

Tgt Ion:278 Resp: 724661

Ion	Ratio	Lower	Upper
278	100		
139	18.6	13.2	19.8
279	26.9	19.1	28.7





#96
Benzo(g,h,i)perylene
Concen: 6.305 ng/ul
RT: 27.738 min Scan# 4
Delta R.T. 0.012 min
Lab File: BM045849.D
Acq: 05 Jun 2024 14:17

Instrument :
BNA_M
ClientSampleId :
A4D15

Tgt Ion:276 Resp: 270631

Ion	Ratio	Lower	Upper
276	100		
138	24.8	18.6	27.8
277	24.4	18.7	28.1