Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
Data File : BP023084.D
Acq On : 13 Nov 2024 16:52
Operator : RC/JU
Sample : P4724-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Nov 14 01:33:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	58742	20.000	ng/ul	0.00
20) Naphthalene-d8	10.334	136	224619	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.193	164	170688	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.998	188	428425	20.000	ng/ul	-0.02
79) Chrysene-d12	21.433	240	564791	20.000	ng/ul	-0.01
88) Perylene-d12	24.657	264	722006	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	2786	2.280	ng/uL	0.01
4) Pyridine-d5	3.540	84	208	0.057	ng/ul	0.00
7) Phenol-d5	6.793	99	49450	11.386	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.934	67	33597	13.167	ng/ul	0.00
11) 2-Chlorophenol-d4	7.134	132	41160	12.941	ng/ul	0.00
15) 4-Methylphenol-d8	8.311	113	29767	8.329	ng/ul	0.02
21) Nitrobenzene-d5	8.728	128	19880	12.713	ng/ul	0.00
24) 2-Nitrophenol-d4	9.440	143	23484	12.597	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	46680	11.957	ng/ul	0.03
31) 4-Chloroaniline-d4	10.505	131	19317	4.147	ng/ul	0.02
46) Dimethylphthalate-d6	13.610	166	175153	14.238	ng/ul	0.00
49) Acenaphthylene-d8	13.893	160	178800	13.929	ng/ul	0.00
54) 4-Nitrophenol-d4	14.493	143	11000	5.950	ng/ul	0.04
60) Fluorene-d10	15.204	176	160350	14.867	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.375	200	21566	8.403	ng/ul	0.01
73) Anthracene-d10	17.110	188	259656	14.314	ng/ul	0.00
81) Pyrene-d10	19.486	212	301363	11.584	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.433	264	302653	8.800	ng/ul	-0.01
Target Compounds						Qvalue
8) Phenol	6.828	94	5634	1.242	ng/ul	95
16) Acetophenone	8.405	105	41825	6.964	ng/ul	96
30) Naphthalene	10.381	128	13100	1.200	ng/ul	97
36) 2-Methylnaphthalene	11.993	142	12256	1.488	ng/ul	95
37) 1-Methylnaphthalene	12.216	142	10085	1.197	ng/ul#	80
72) Phenanthrene	17.040	178	47601	2.353	ng/ul	98
74) Anthracene	17.040	178	47719	2.346	ng/ul	98
80) Fluoranthene	19.139	202	114791	3.830	ng/ul	99
82) Pyrene	19.516	202	77141	2.396	ng/ul	97
85) Benzo(a)anthracene	21.416	228	70060	2.031	ng/ul	97
87) Chrysene	21.480	228	74993	2.311	ng/ul	98
90) Benzo(b)fluoranthene	23.651	252	119516	2.974	ng/ul	97
91) Benzo(k)fluoranthene	23.704	252	44255	1.119	ng/ul#	94
93) Benzo(a)pyrene	24.504	252	39177	1.078	ng/ul	94

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

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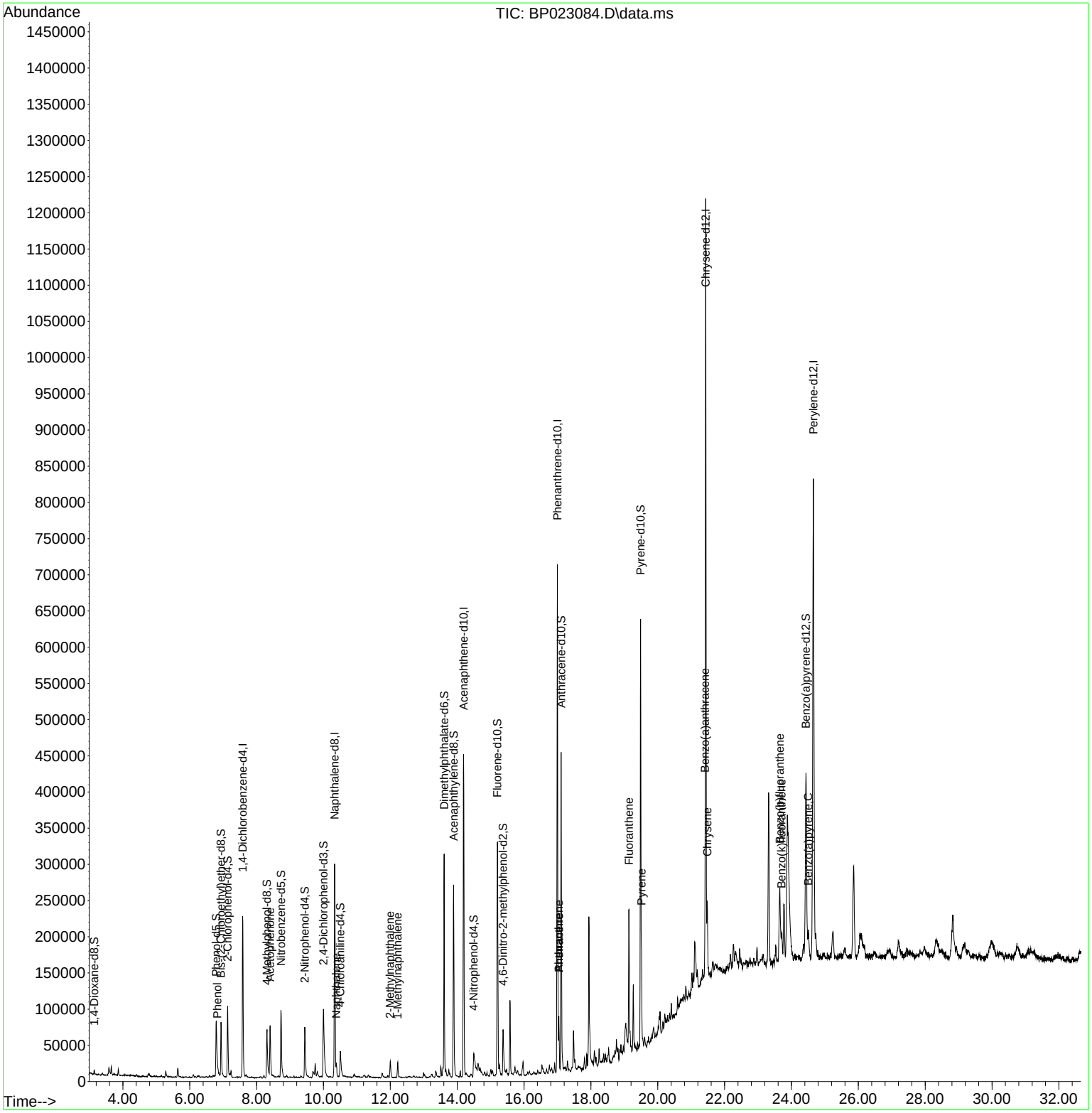
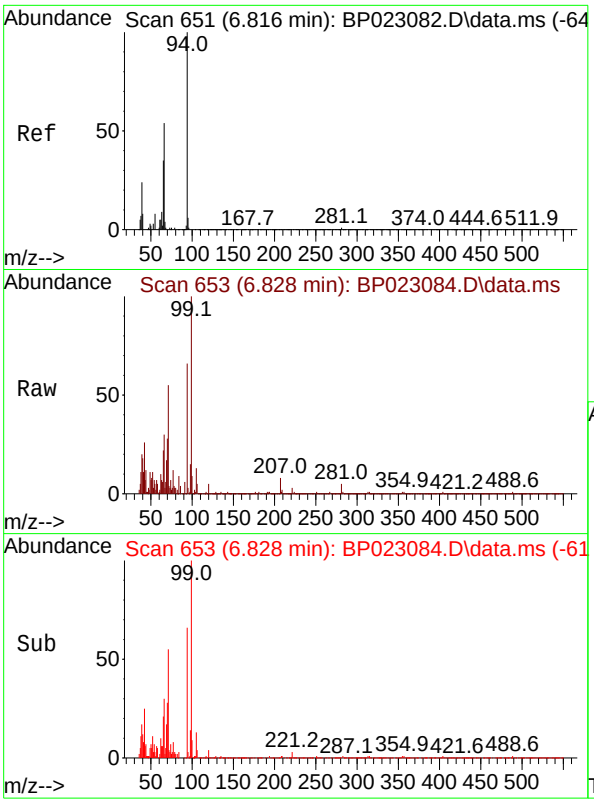
Quant Time: Nov 14 01:33:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration



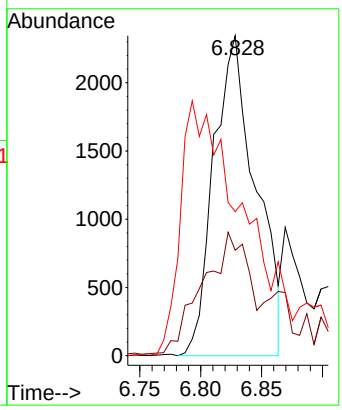


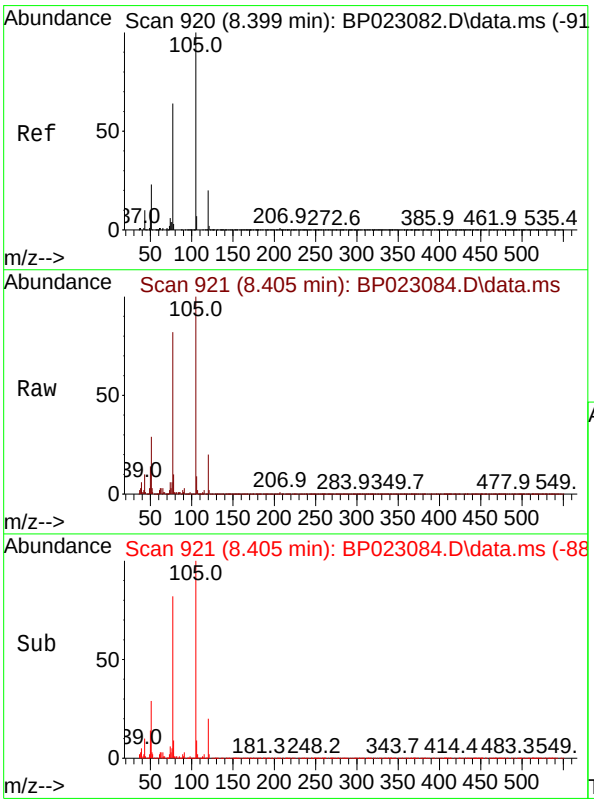
#8
Phenol
Concen: 1.242 ng/ul
RT: 6.828 min Scan# 6
Delta R.T. 0.018 min
Lab File: BP023084.D
Acq: 13 Nov 2024 16:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 5634

Ion	Ratio	Lower	Upper
94	100		
65	33.0	26.2	39.4
66	45.0	40.2	60.4

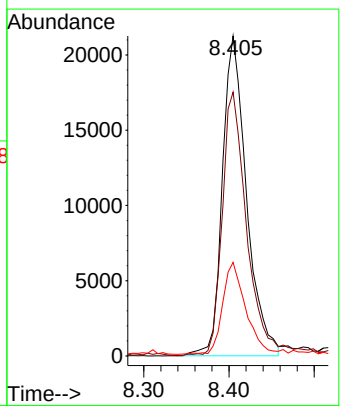


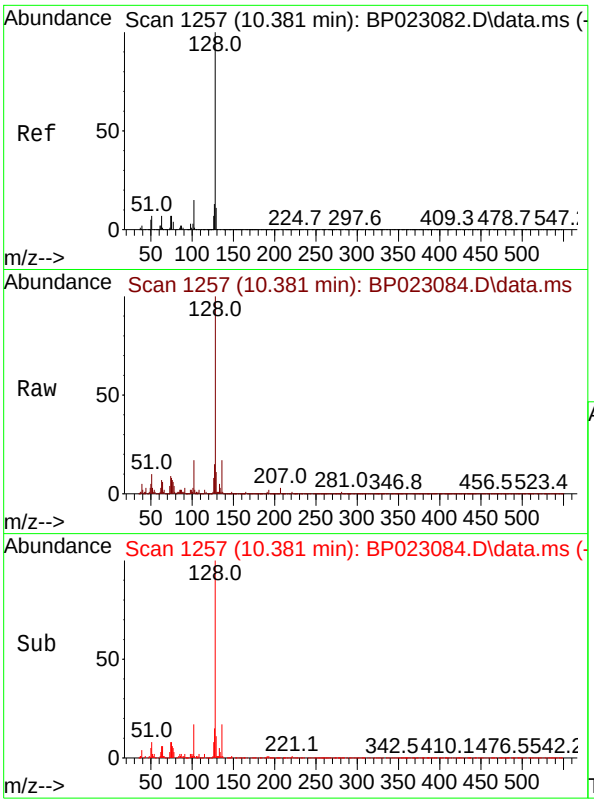


#16
Acetophenone
Concen: 6.964 ng/ul
RT: 8.405 min Scan# 921
Delta R.T. 0.012 min
Lab File: BP023084.D
Acq: 13 Nov 2024 16:52

Tgt Ion:105 Resp: 41825

Ion	Ratio	Lower	Upper
105	100		
77	82.4	69.4	104.0
51	29.2	23.2	34.8



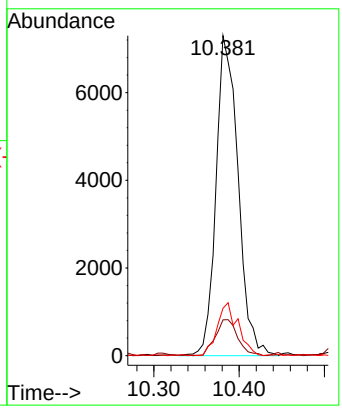


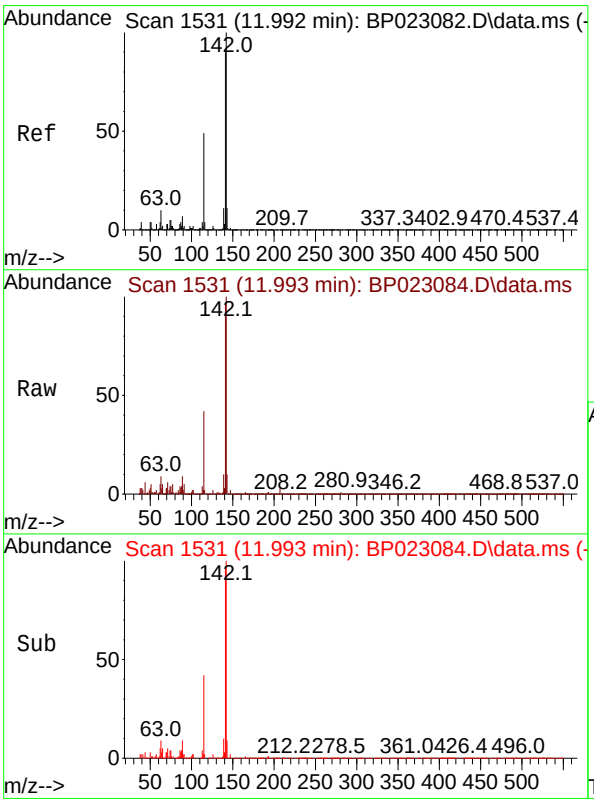
#30
Naphthalene
Concen: 1.200 ng/ul
RT: 10.381 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP023084.D
Acq: 13 Nov 2024 16:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:128 Resp: 13100

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	14.8	10.2	15.2

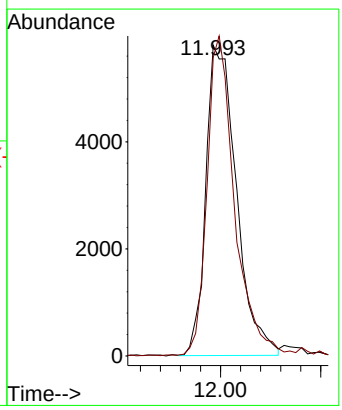


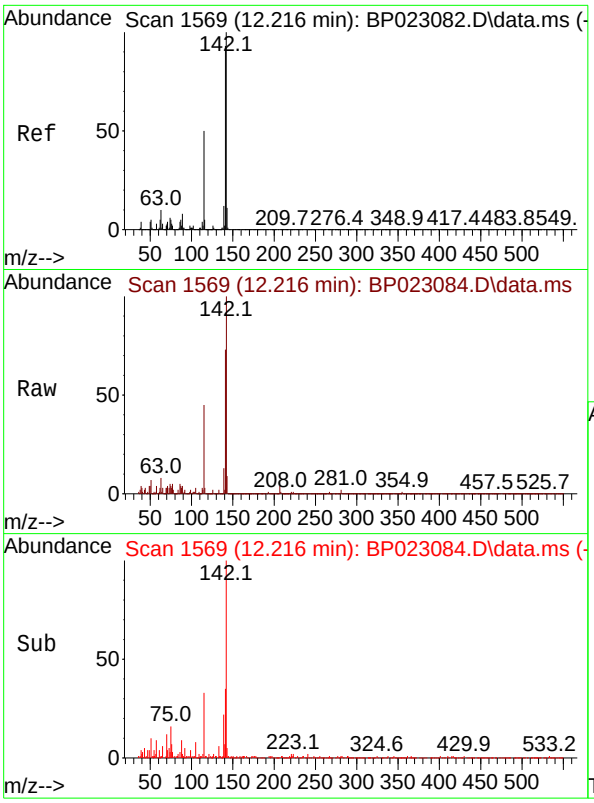


#36
2-Methylnaphthalene
Concen: 1.488 ng/ul
RT: 11.993 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BP023084.D
Acq: 13 Nov 2024 16:52

Tgt Ion:142 Resp: 12256

Ion	Ratio	Lower	Upper
142	100		
141	96.2	73.1	109.7



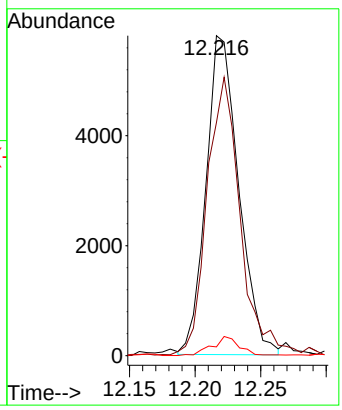


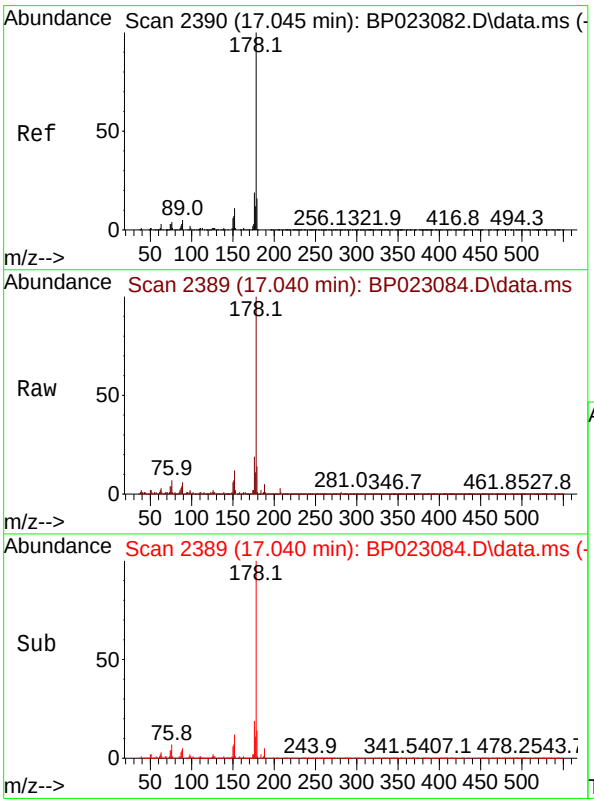
#37
1-Methylnaphthalene
Concen: 1.197 ng/ul
RT: 12.216 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP023084.D
Acq: 13 Nov 2024 16:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:142 Resp: 10085

Ion	Ratio	Lower	Upper
142	100		
141	72.8	73.8	110.8#
116	2.7	4.2	6.4#

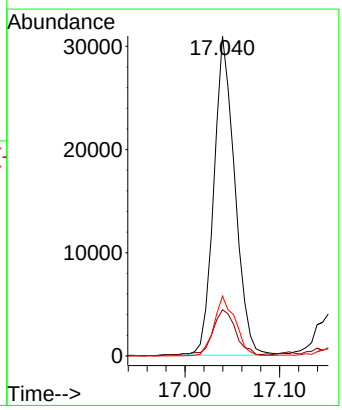


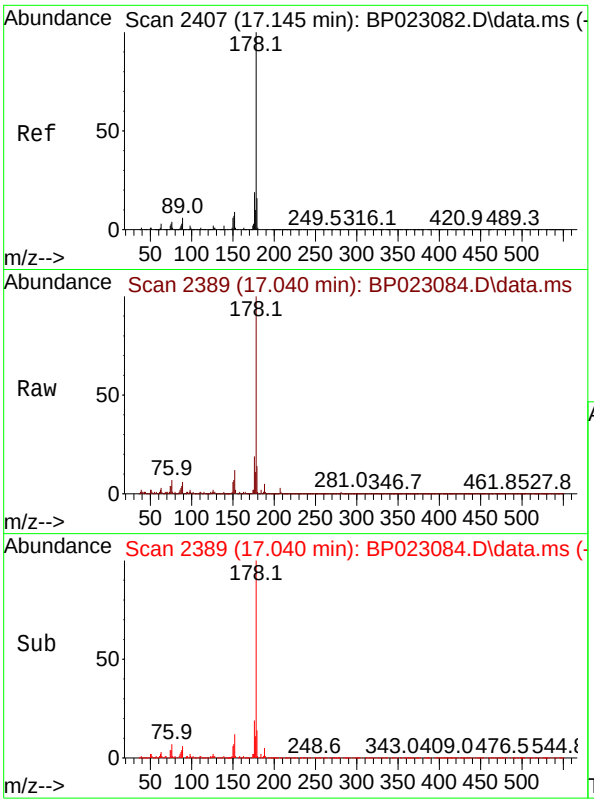


#72
Phenanthrene
Concen: 2.353 ng/ul
RT: 17.040 min Scan# 2389
Delta R.T. -0.017 min
Lab File: BP023084.D
Acq: 13 Nov 2024 16:52

Tgt Ion:178 Resp: 47601

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.7	19.1
176	18.7	15.4	23.2



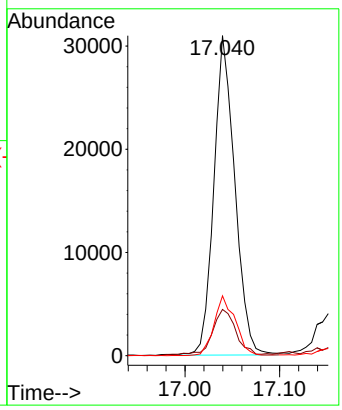


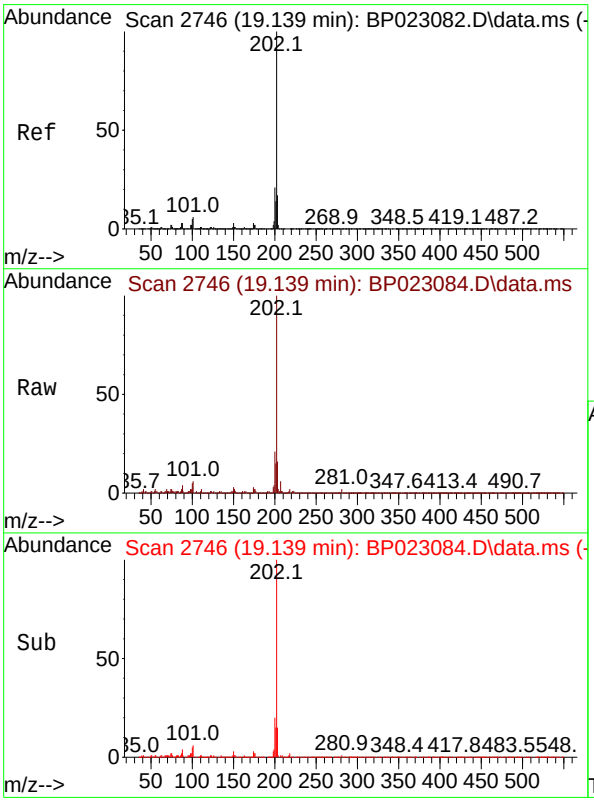
#74
Anthracene
Concen: 2.346 ng/ul
RT: 17.040 min Scan# 2
Delta R.T. -0.112 min
Lab File: BP023084.D
Acq: 13 Nov 2024 16:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 47719

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.4	18.6
176	18.7	14.5	21.7

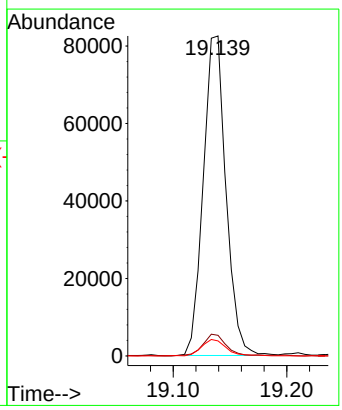


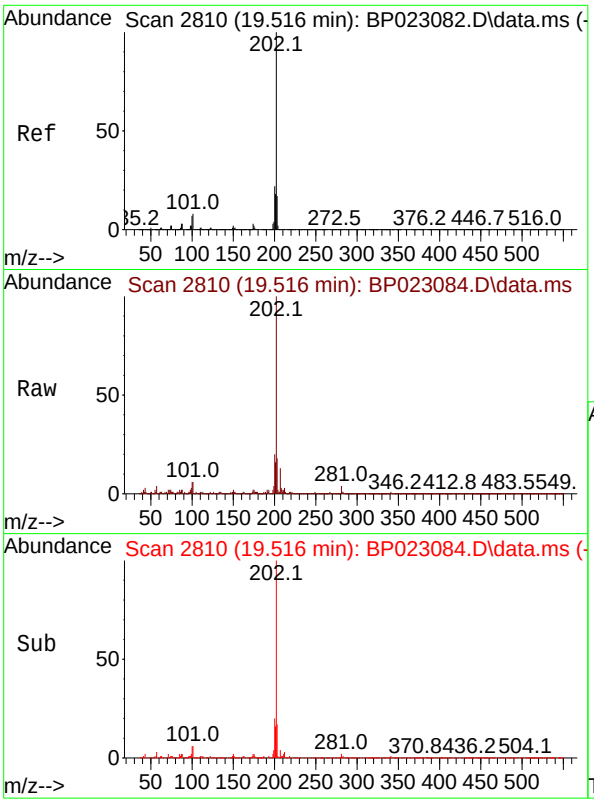


#80
Fluoranthene
Concen: 3.830 ng/ul
RT: 19.139 min Scan# 2746
Delta R.T. -0.006 min
Lab File: BP023084.D
Acq: 13 Nov 2024 16:52

Tgt Ion:202 Resp: 114791

Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.2	7.8
100	4.7	4.1	6.1



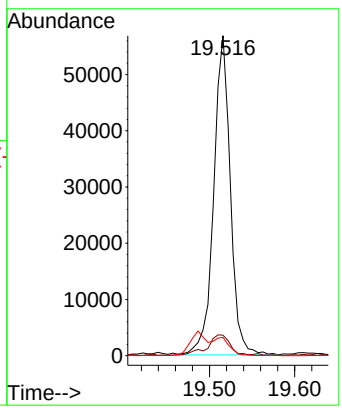


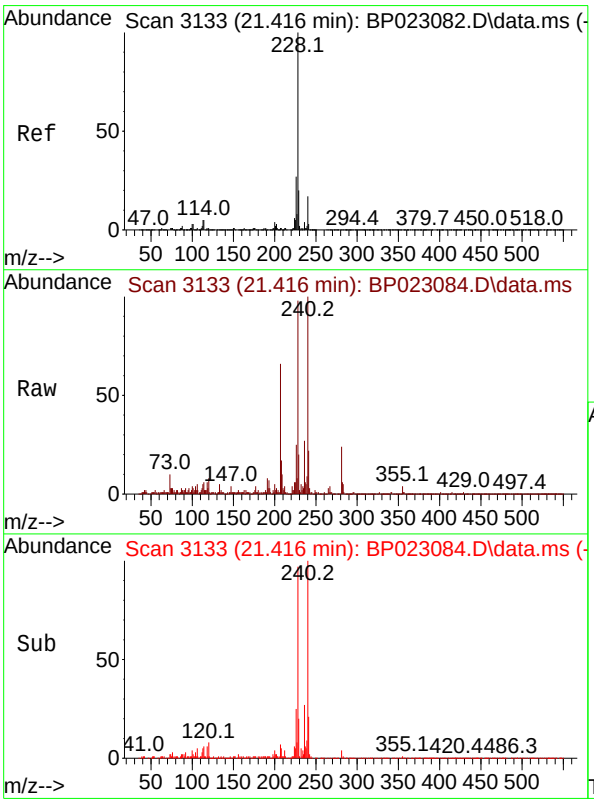
#82
Pyrene
Concen: 2.396 ng/ul
RT: 19.516 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP023084.D
Acq: 13 Nov 2024 16:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 77141

Ion	Ratio	Lower	Upper
202	100		
101	6.4	6.2	9.2
100	5.7	4.9	7.3

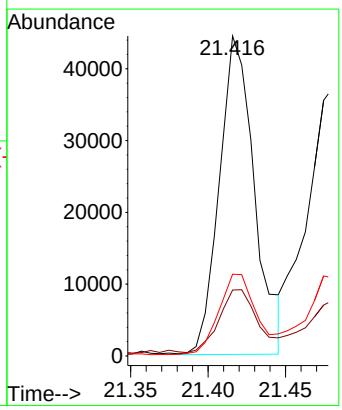


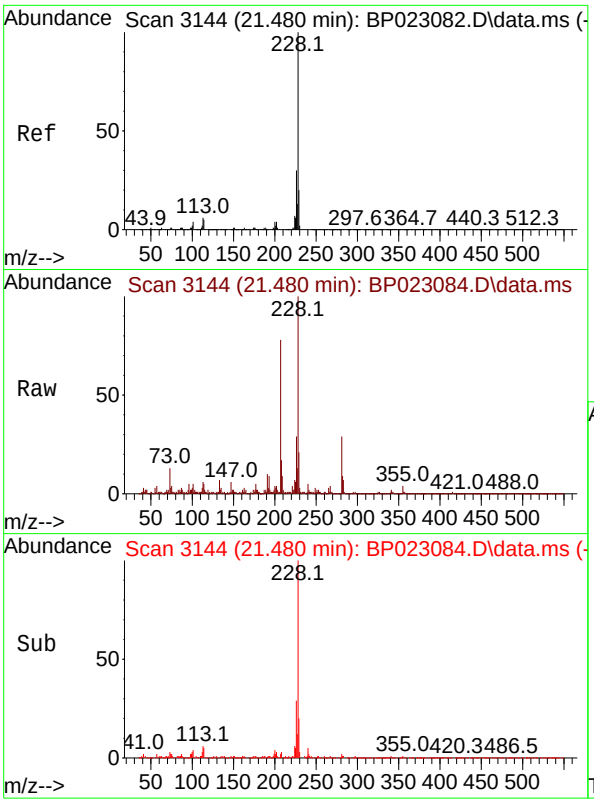


#85
Benzo(a)anthracene
Concen: 2.031 ng/ul
RT: 21.416 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP023084.D
Acq: 13 Nov 2024 16:52

Tgt Ion:228 Resp: 70060

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.5	23.3
226	25.5	21.9	32.9



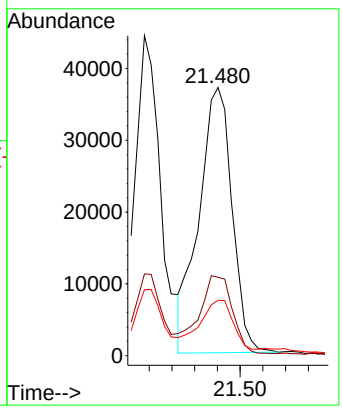


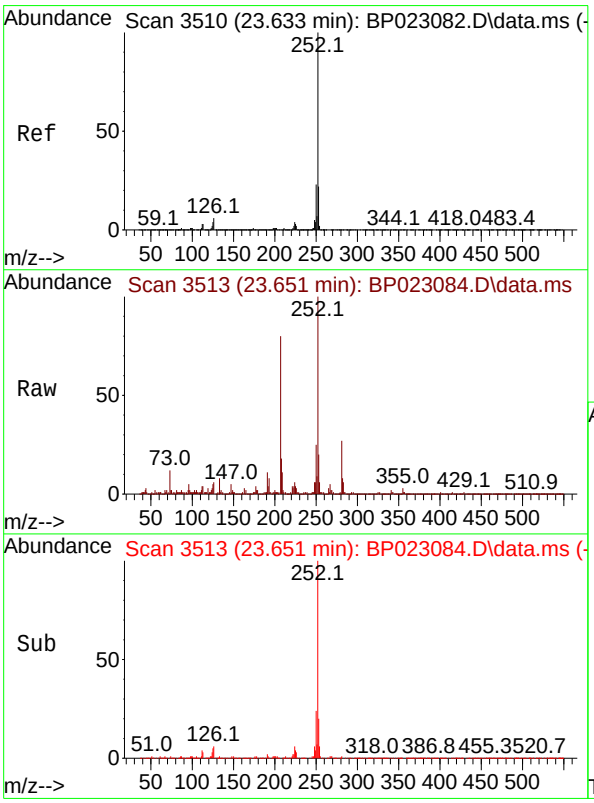
#87
Chrysene
Concen: 2.311 ng/ul
RT: 21.480 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP023084.D
Acq: 13 Nov 2024 16:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 74993

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.2	36.2
229	20.7	16.1	24.1

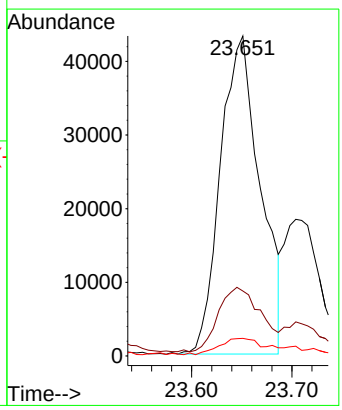


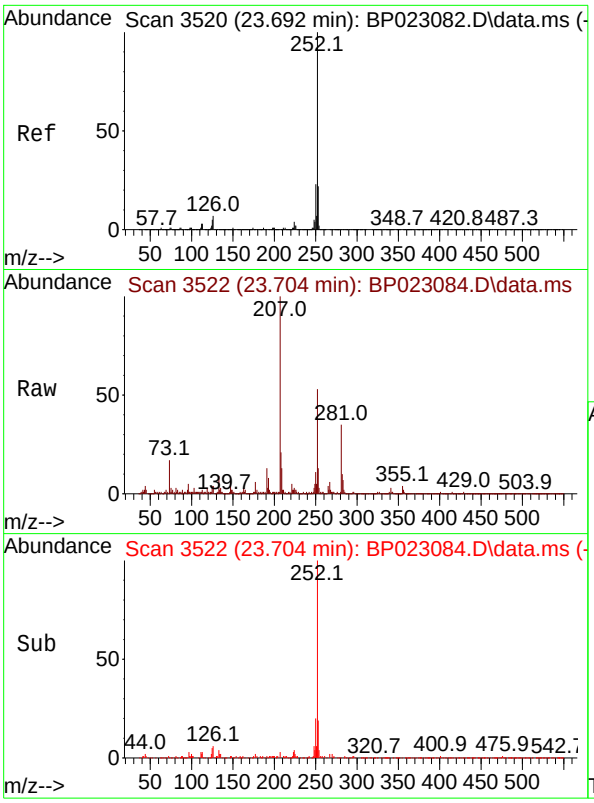


#90
Benzo(b)fluoranthene
Concen: 2.974 ng/ul
RT: 23.651 min Scan# 3513
Delta R.T. 0.012 min
Lab File: BP023084.D
Acq: 13 Nov 2024 16:52

Tgt Ion:252 Resp: 119516

Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.4	26.2
125	5.5	3.7	5.5



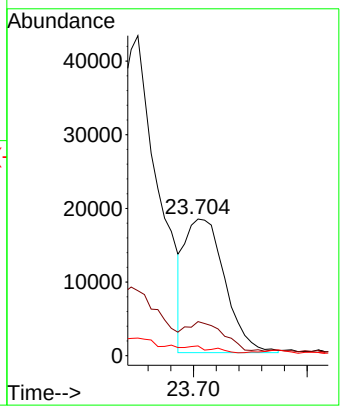


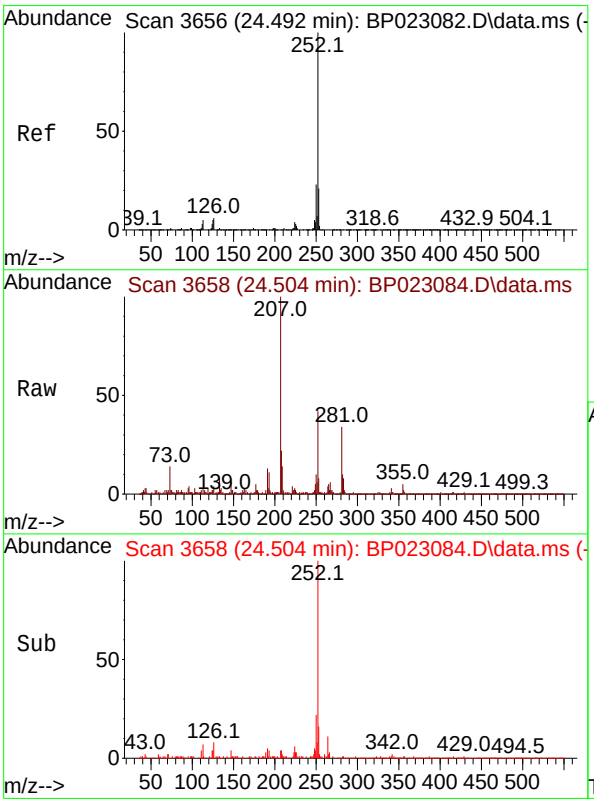
#91
Benzo(k)fluoranthene
Concen: 1.119 ng/ul
RT: 23.704 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP023084.D
Acq: 13 Nov 2024 16:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 44255

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.8
125	7.2	3.0	4.4#





#93
Benzo(a)pyrene
Concen: 1.078 ng/ul
RT: 24.504 min Scan# 3658
Delta R.T. -0.006 min
Lab File: BP023084.D
Acq: 13 Nov 2024 16:52

Tgt Ion:252 Resp: 39177

Ion	Ratio	Lower	Upper
252	100		
253	18.7	17.6	26.4
125	5.8	4.2	6.2