Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023446.D
Acq On : 16 Dec 2024 23:12
Operator : RC/JU
Sample : P5234-04
Misc : GCMS CONFIRMATION
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AQ8

Quant Time: Dec 17 00:51:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	182554	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.275	136	648656	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	428079	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.951	188	845184	20.000	ng/ul	0.00
79) Chrysene-d12	21.380	240	732413	20.000	ng/ul	0.00
88) Perylene-d12	24.557	264	862881	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
30) Naphthalene	10.322	128	79074	2.329	ng/ul	98
52) Acenaphthene	14.210	153	27286	1.046	ng/ul	91
56) Dibenzofuran	14.563	168	83706	2.113	ng/ul	100
61) Fluorene	15.228	166	107624	3.336	ng/ul	98
72) Phenanthrene	16.992	178	1520182	34.791	ng/ul	99
80) Fluoranthene	19.092	202	1616811	36.874	ng/ul	99
82) Pyrene	19.469	202	552861	11.882	ng/ul	100
85) Benzo(a)anthracene	21.363	228	336533	6.852	ng/ul	99
87) Chrysene	21.422	228	413471	8.785	ng/ul	99
90) Benzo(b)fluoranthene	23.563	252	175628	3.240	ng/ul#	88

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

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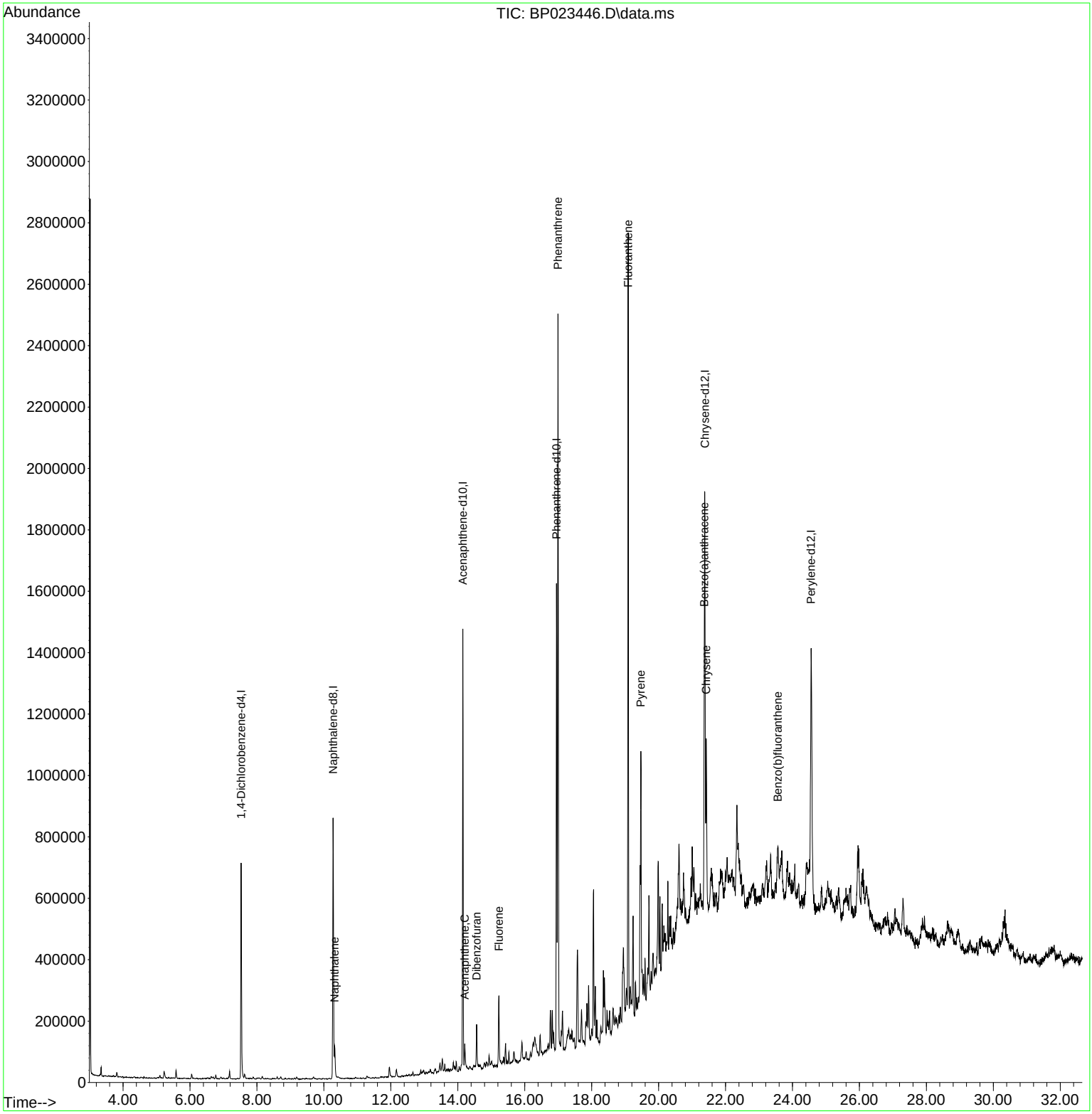
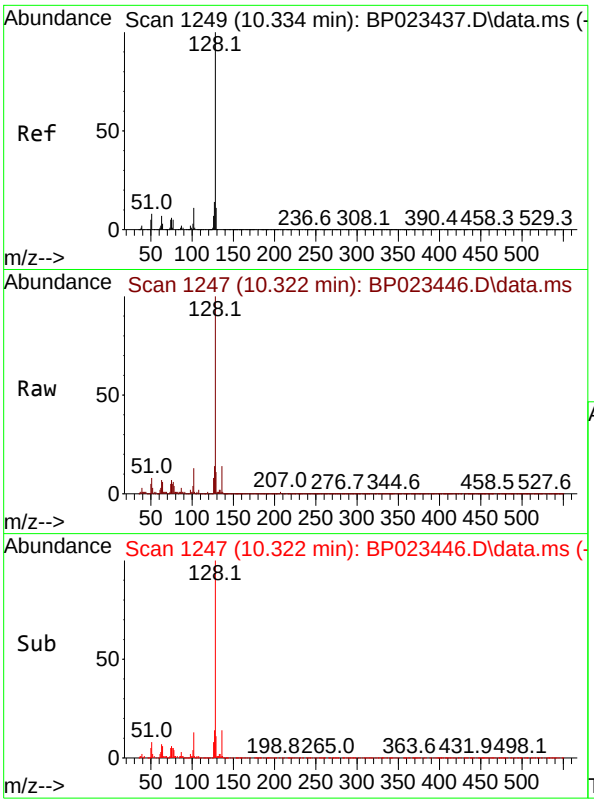


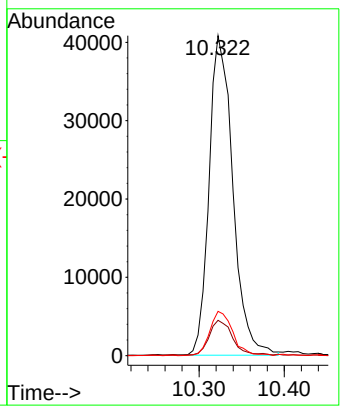


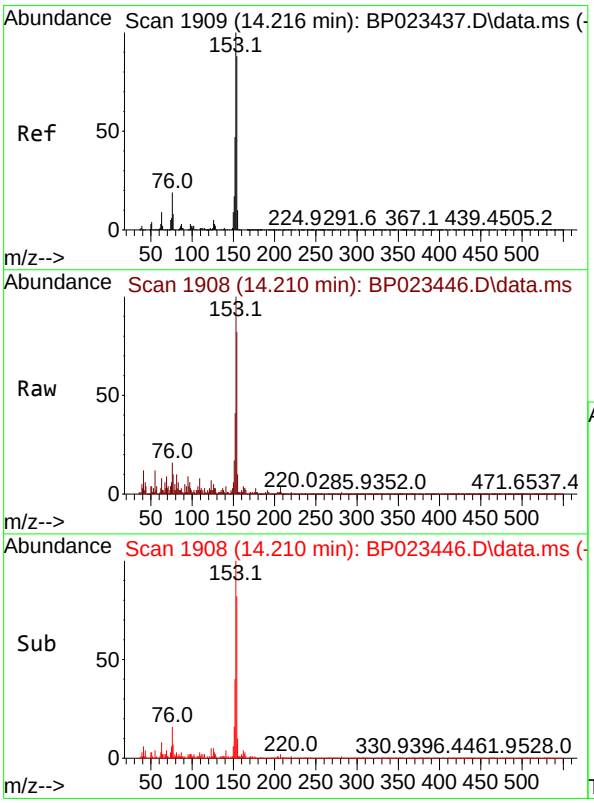
#30
Naphthalene
Concen: 2.329 ng/ul
RT: 10.322 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP023446.D
Acq: 16 Dec 2024 23:12

Instrument :
BNA_P
ClientSampleId :
C0AQ8

Tgt Ion:128 Resp: 79074

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.5	12.7
127	13.9	10.5	15.7

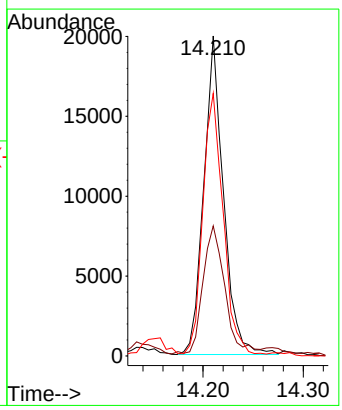


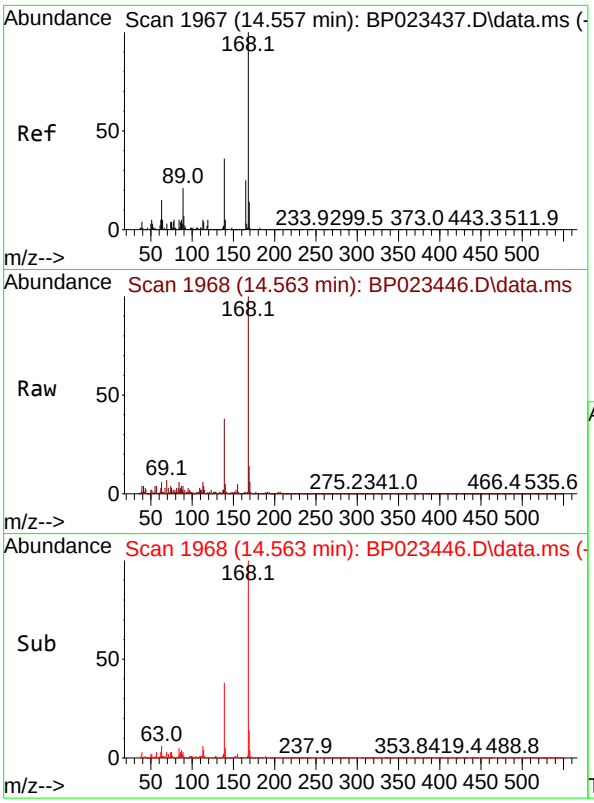


#52
Acenaphthene
Concen: 1.046 ng/ul
RT: 14.210 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP023446.D
Acq: 16 Dec 2024 23:12

Tgt Ion:153 Resp: 27286

Ion	Ratio	Lower	Upper
153	100		
152	40.6	39.0	58.6
154	82.1	71.0	106.4



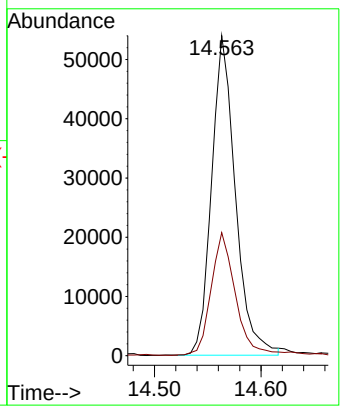


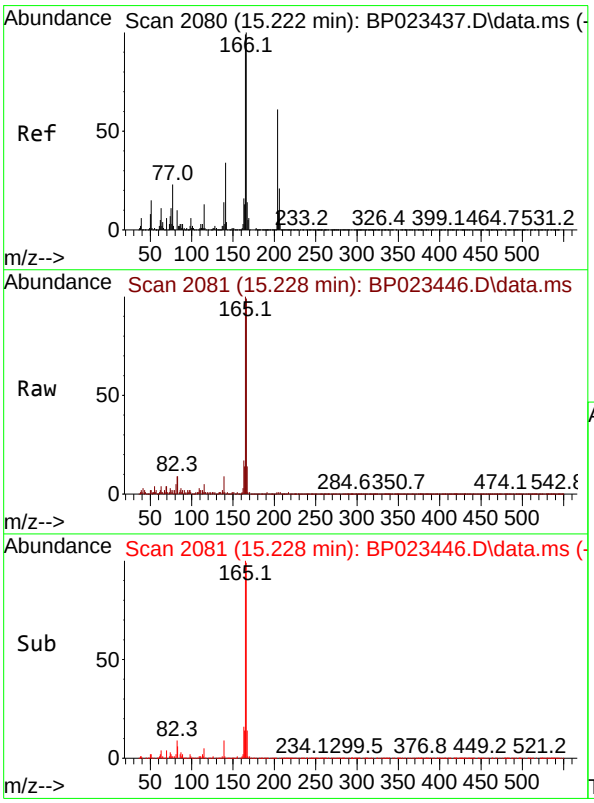
#56
Dibenzofuran
Concen: 2.113 ng/ul
RT: 14.563 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP023446.D
Acq: 16 Dec 2024 23:12

Instrument :
BNA_P
ClientSampleId :
C0AQ8

Tgt Ion:168 Resp: 83706

Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.0	46.4

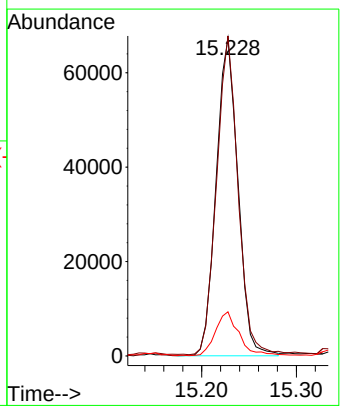


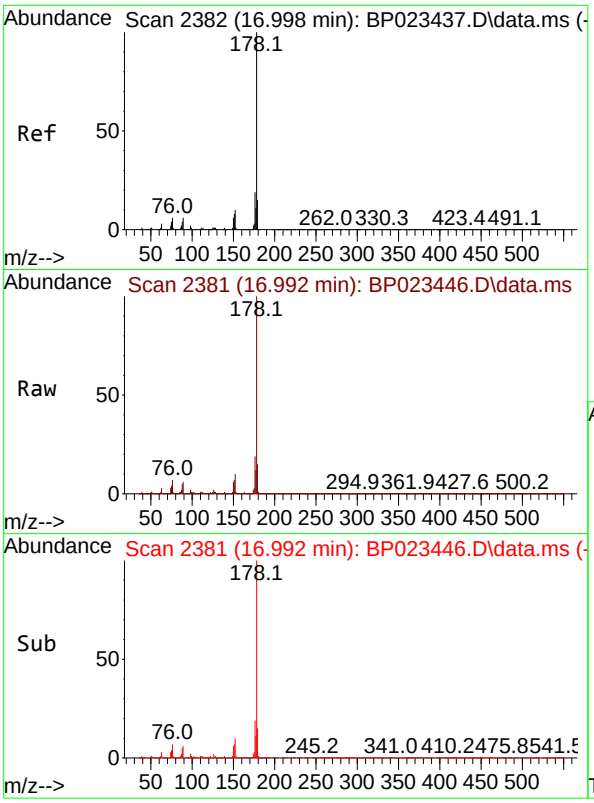


#61
Fluorene
Concen: 3.336 ng/ul
RT: 15.228 min Scan# 2081
Delta R.T. 0.012 min
Lab File: BP023446.D
Acq: 16 Dec 2024 23:12

Tgt Ion:166 Resp: 107624

Ion	Ratio	Lower	Upper
166	100		
165	100.7	78.5	117.7
167	13.9	11.1	16.7



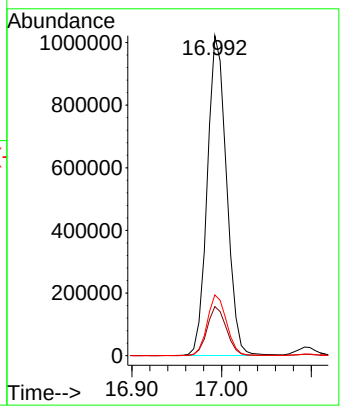


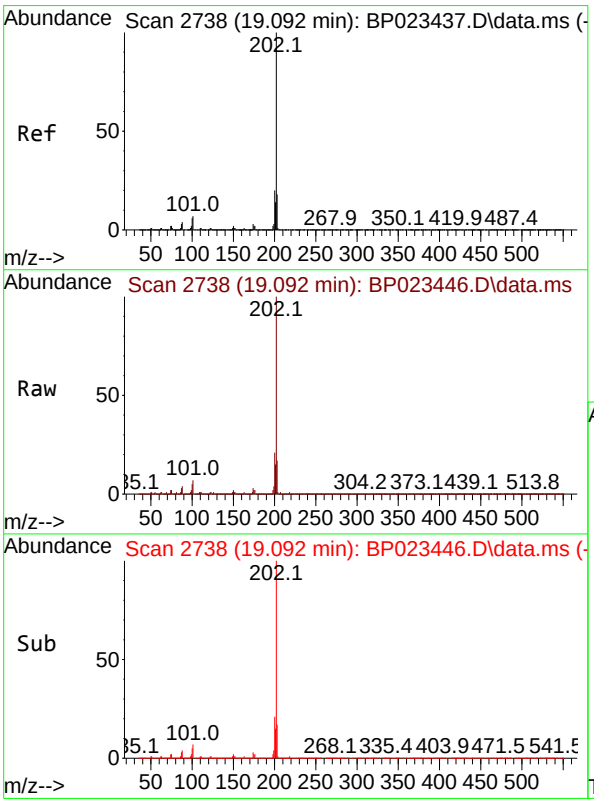
#72
Phenanthrene
Concen: 34.791 ng/ul
RT: 16.992 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP023446.D
Acq: 16 Dec 2024 23:12

Instrument :
BNA_P
ClientSampleId :
C0AQ8

Tgt Ion:178 Resp: 1520182

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	19.0	15.4	23.0

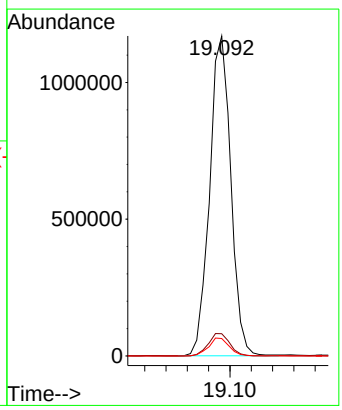


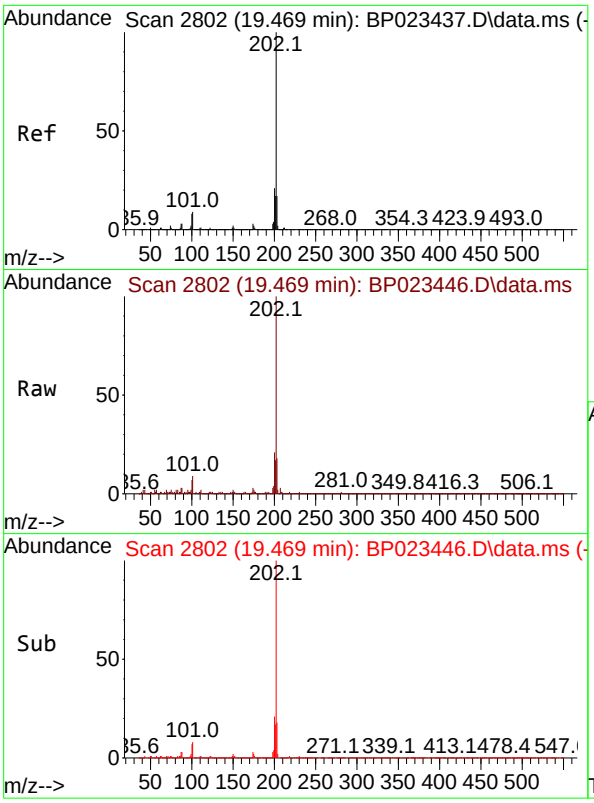


#80
Fluoranthene
Concen: 36.874 ng/ul
RT: 19.092 min Scan# 2738
Delta R.T. -0.006 min
Lab File: BP023446.D
Acq: 16 Dec 2024 23:12

Tgt Ion:202 Resp: 1616811

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.6	8.4
100	5.5	4.6	7.0



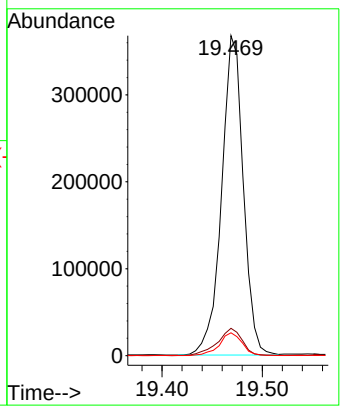


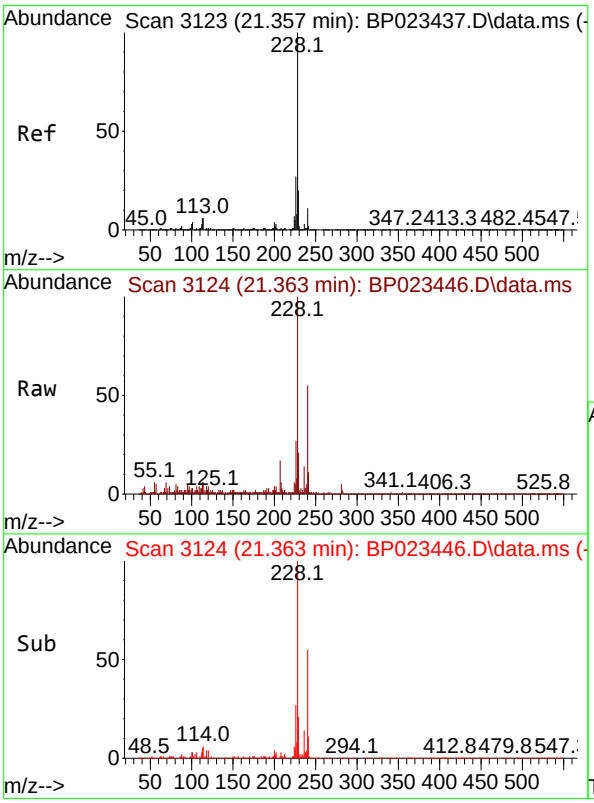
#82
Pyrene
Concen: 11.882 ng/ul
RT: 19.469 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP023446.D
Acq: 16 Dec 2024 23:12

Instrument :
BNA_P
ClientSampleId :
C0AQ8

Tgt Ion:202 Resp: 552861

Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.7	10.1
100	7.1	5.8	8.8

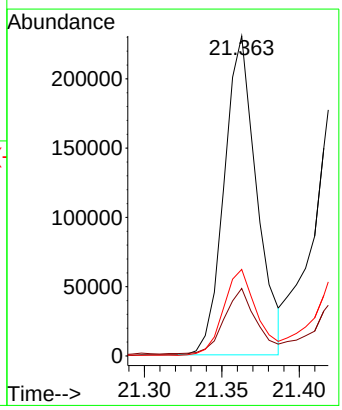


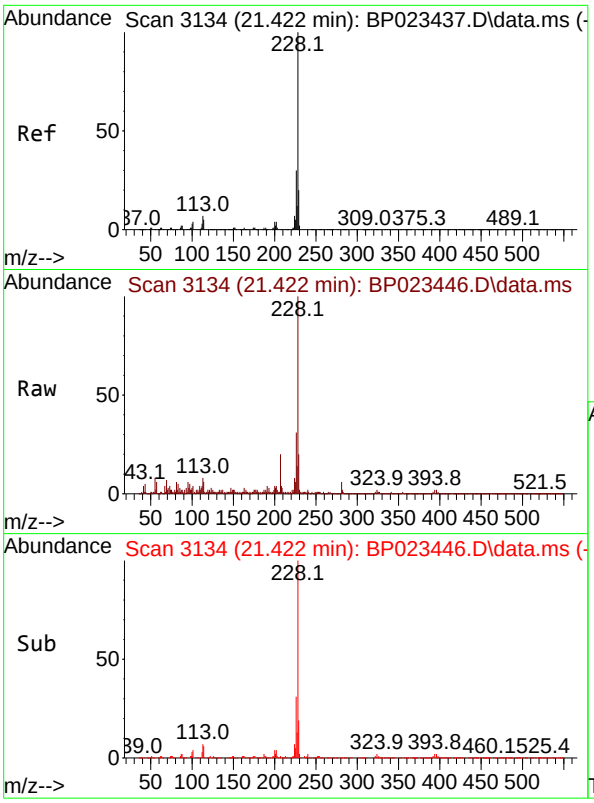


#85
Benzo(a)anthracene
Concen: 6.852 ng/ul
RT: 21.363 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BP023446.D
Acq: 16 Dec 2024 23:12

Tgt Ion:228 Resp: 336533

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.7	23.5
226	27.1	21.6	32.4



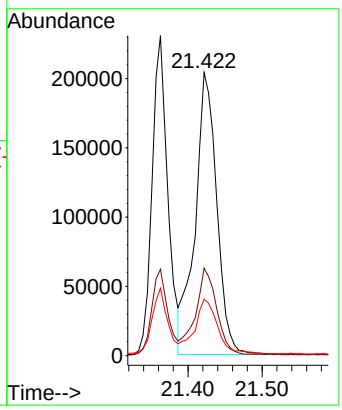


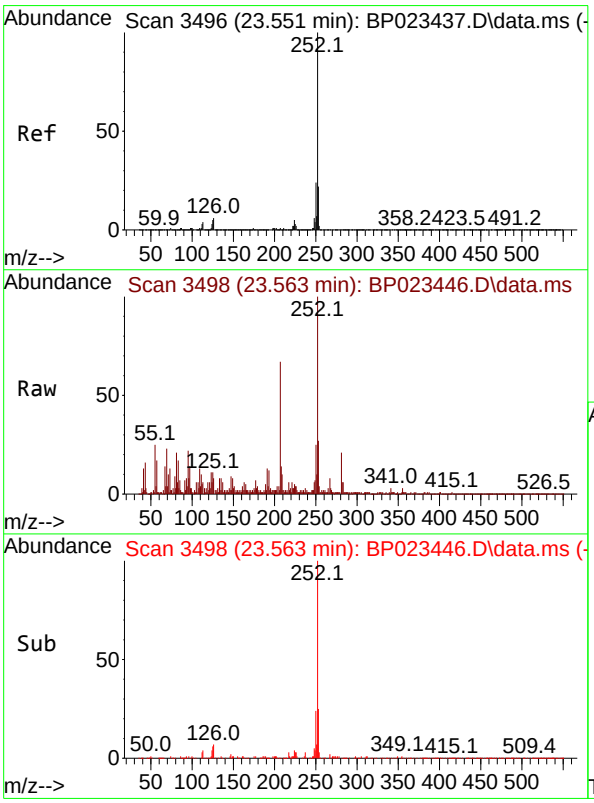
#87
Chrysene
Concen: 8.785 ng/ul
RT: 21.422 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP023446.D
Acq: 16 Dec 2024 23:12

Instrument :
BNA_P
ClientSampleId :
C0AQ8

Tgt Ion:228 Resp: 413471

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.2
229	19.9	15.6	23.4





#90
Benzo(b)fluoranthene
Concen: 3.240 ng/ul
RT: 23.563 min Scan# 3498
Delta R.T. 0.006 min
Lab File: BP023446.D
Acq: 16 Dec 2024 23:12

Tgt Ion:252 Resp: 175628

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.3	25.9#
125	11.0	4.4	6.6#