Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023449.D
Acq On : 17 Dec 2024 01:14
Operator : RC/JU
Sample : P5234-07
Misc : GCMS CONFIRMATION
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AR1

Quant Time: Dec 17 01:48:23 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	7.534	152	197123	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	701170	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.140	164	465159	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.951	188	900624	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	765177	20.000	ng/ul	-0.01
88) Perylene-d12	24.539	264	861540	20.000	ng/ul	-0.04
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	47759	1.301	ng/ul	98
61) Fluorene	15.216	166	55868	1.594	ng/ul	97
72) Phenanthrene	16.992	178	1213089	26.054	ng/ul	99
80) Fluoranthene	19.086	202	1567385	34.216	ng/ul	99
82) Pyrene	19.469	202	512106	10.535	ng/ul	100
85) Benzo(a)anthracene	21.357	228	361853	7.052	ng/ul	100
87) Chrysene	21.421	228	535828	10.897	ng/ul	99
90) Benzo(b)fluoranthene	23.557	252	204846	3.784	ng/ul#	97
91) Benzo(k)fluoranthene	23.610	252	55618	1.033	ng/ul#	89

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

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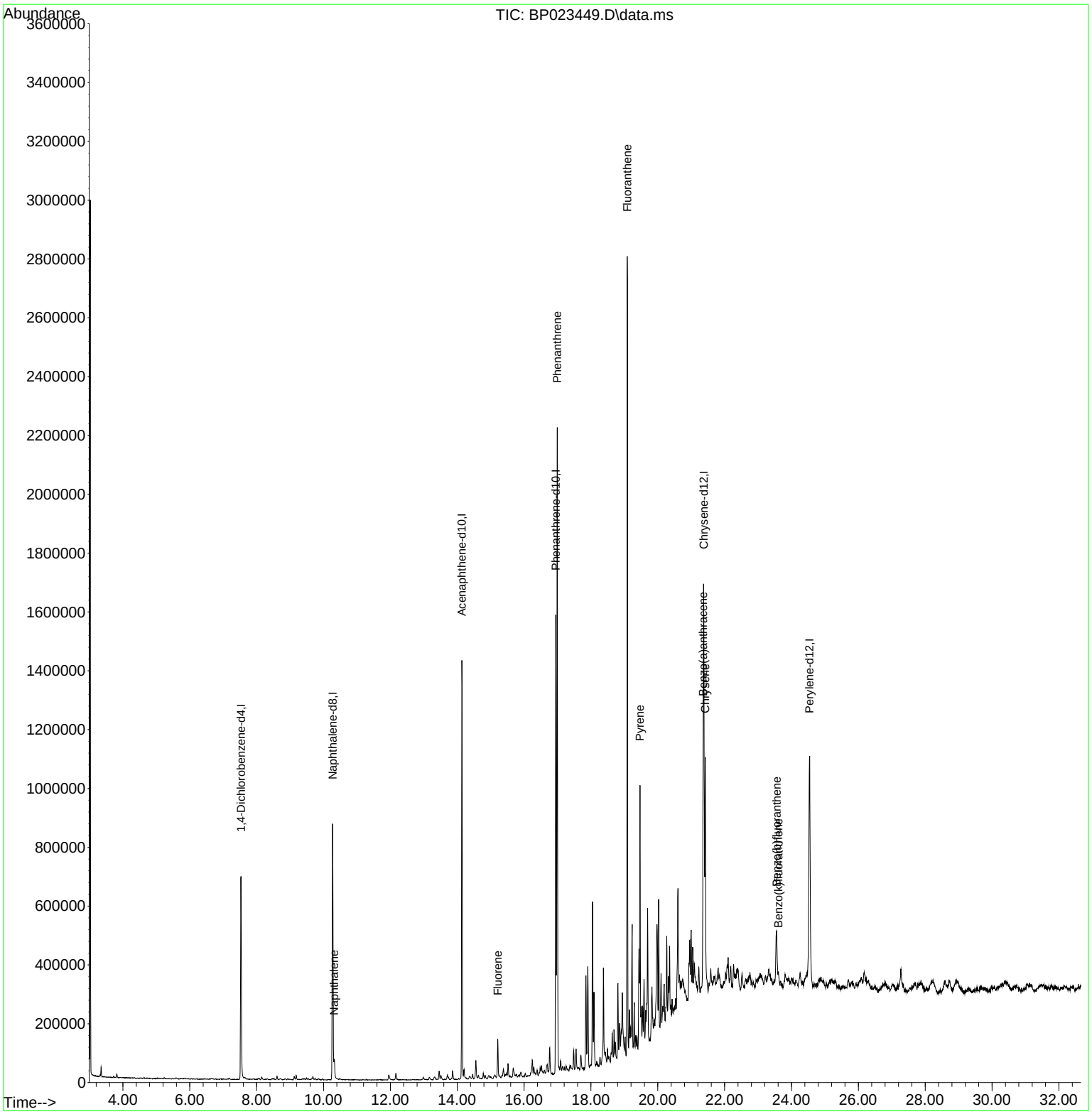
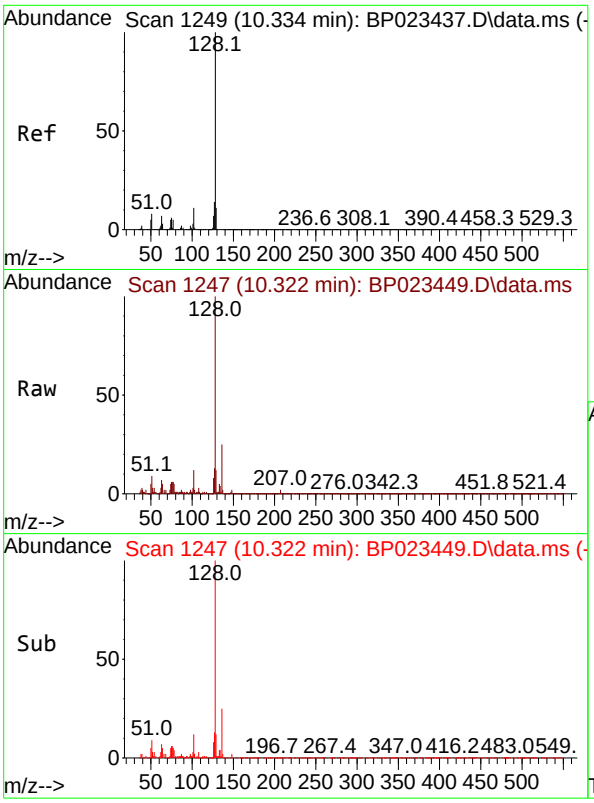


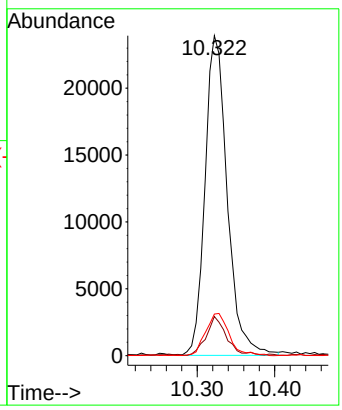


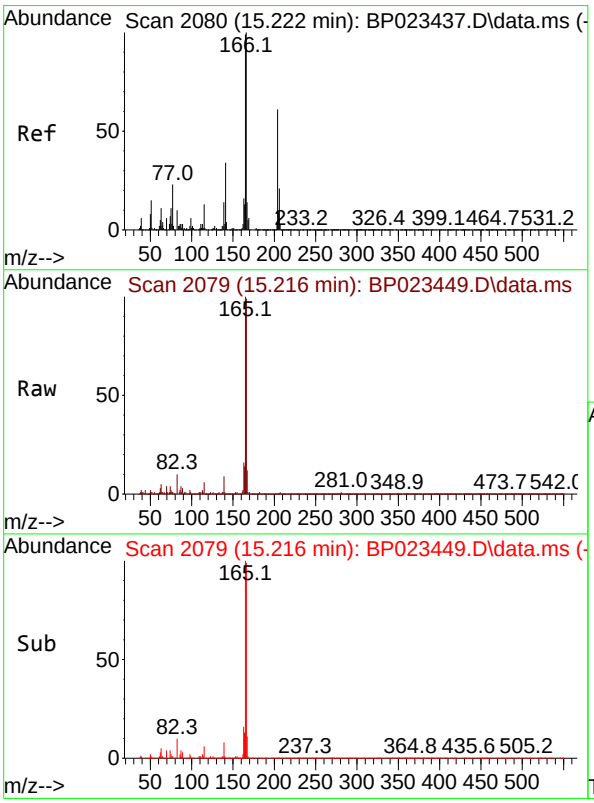
#30
Naphthalene
Concen: 1.301 ng/ul
RT: 10.322 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP023449.D
Acq: 17 Dec 2024 01:14

Instrument :
BNA_P
ClientSampleId :
C0AR1

Tgt Ion:128 Resp: 47759

Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.5	12.7
127	13.0	10.5	15.7

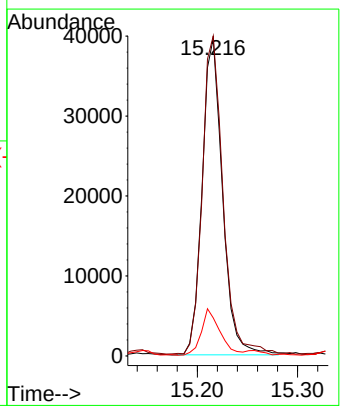


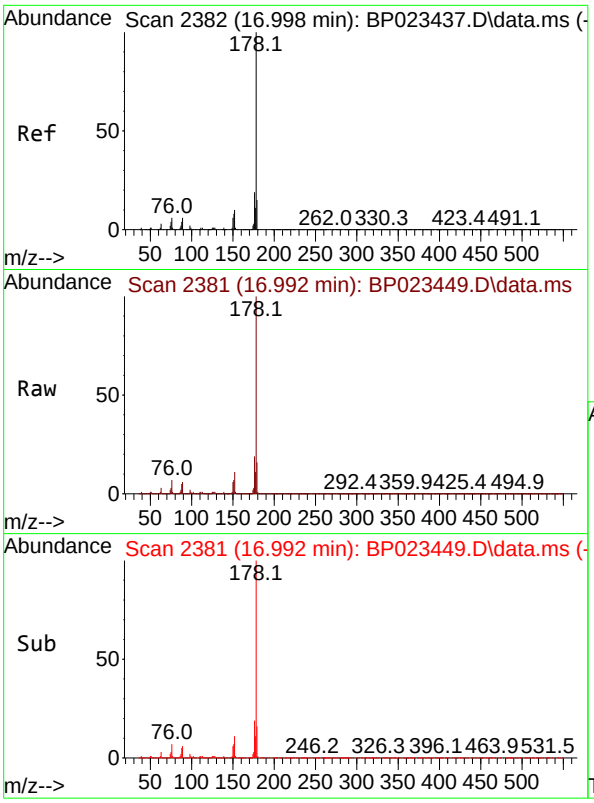


#61
Fluorene
Concen: 1.594 ng/ul
RT: 15.216 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BP023449.D
Acq: 17 Dec 2024 01:14

Tgt Ion:166 Resp: 55868

Ion	Ratio	Lower	Upper
166	100		
165	100.8	78.5	117.7
167	12.0	11.1	16.7



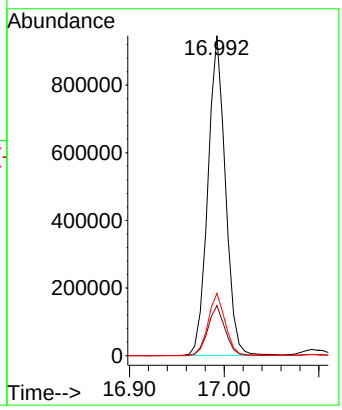


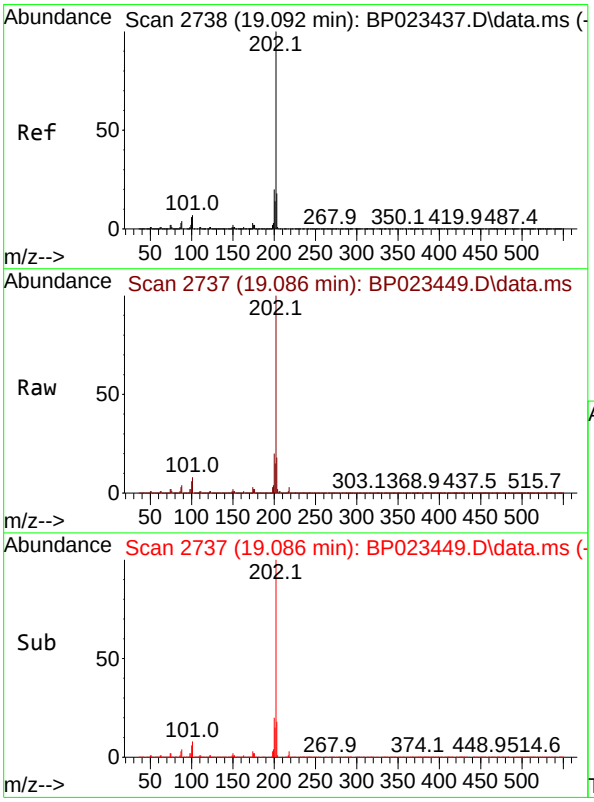
#72
Phenanthrene
Concen: 26.054 ng/ul
RT: 16.992 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP023449.D
Acq: 17 Dec 2024 01:14

Instrument :
BNA_P
ClientSampleId :
C0AR1

Tgt Ion:178 Resp: 1213089

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	19.5	15.4	23.0

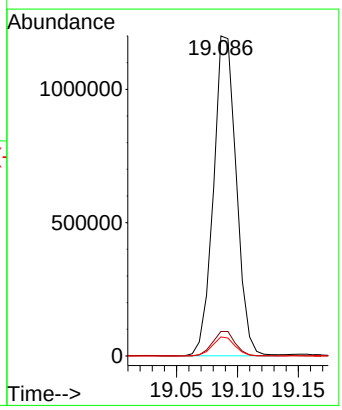


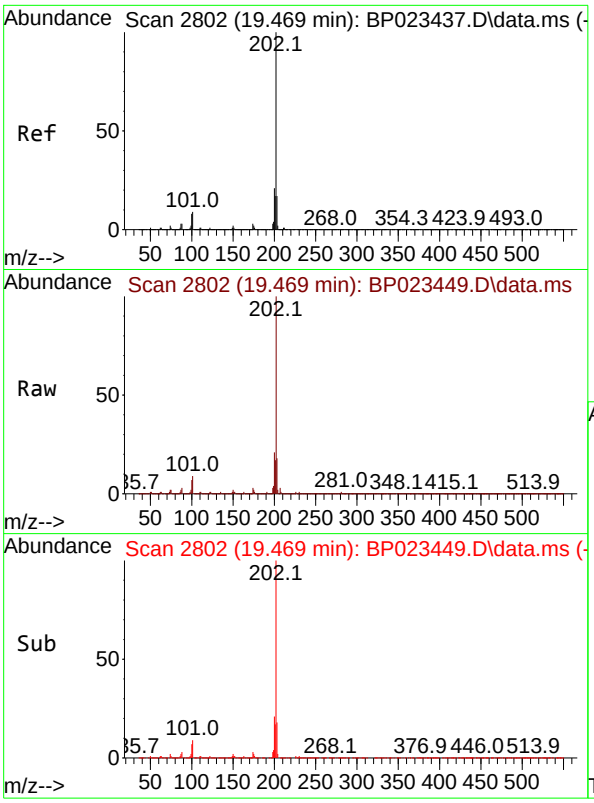


#80
Fluoranthene
Concen: 34.216 ng/ul
RT: 19.086 min Scan# 2737
Delta R.T. -0.012 min
Lab File: BP023449.D
Acq: 17 Dec 2024 01:14

Tgt Ion:202 Resp: 1567385

Ion	Ratio	Lower	Upper
202	100		
101	7.7	5.6	8.4
100	6.0	4.6	7.0



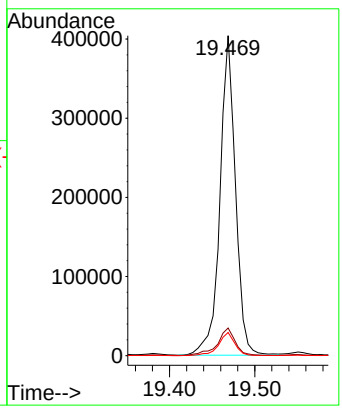


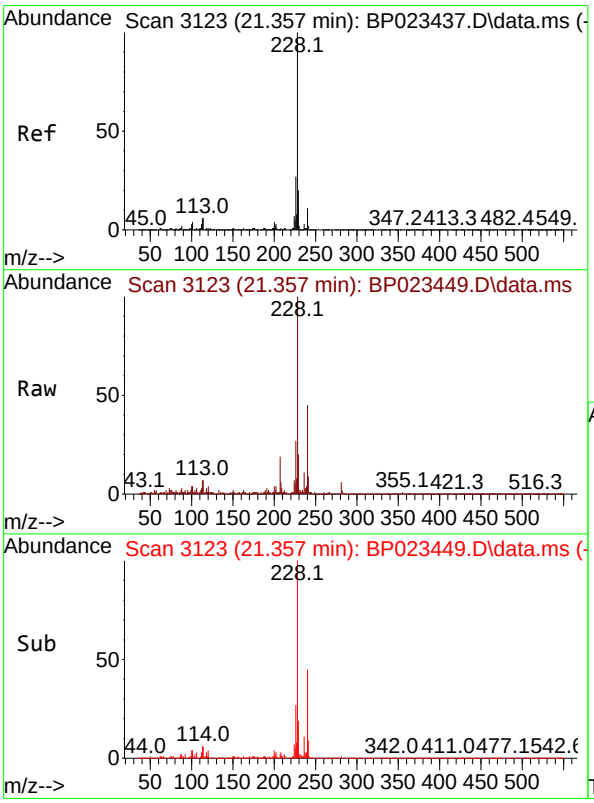
#82
Pyrene
Concen: 10.535 ng/ul
RT: 19.469 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP023449.D
Acq: 17 Dec 2024 01:14

Instrument :
BNA_P
ClientSampleId :
C0AR1

Tgt Ion:202 Resp: 512106

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.7	10.1
100	7.3	5.8	8.8

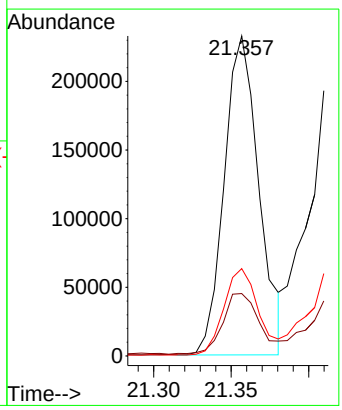


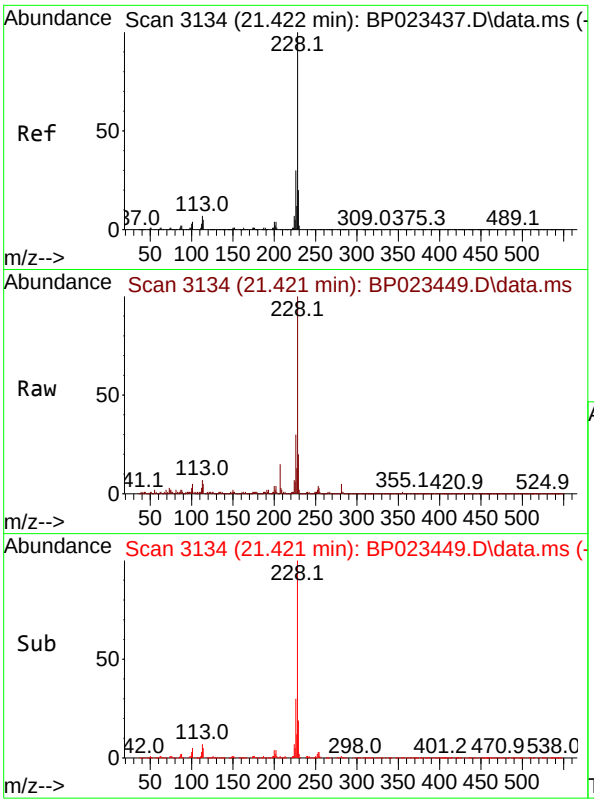


#85
Benzo(a)anthracene
Concen: 7.052 ng/ul
RT: 21.357 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BP023449.D
Acq: 17 Dec 2024 01:14

Tgt Ion:228 Resp: 361853

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.7	23.5
226	27.3	21.6	32.4



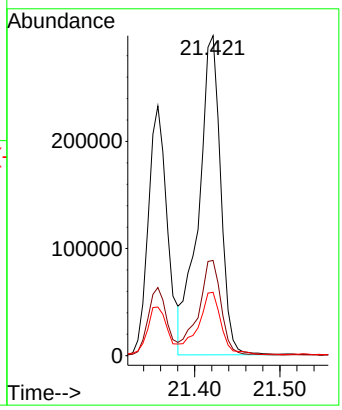


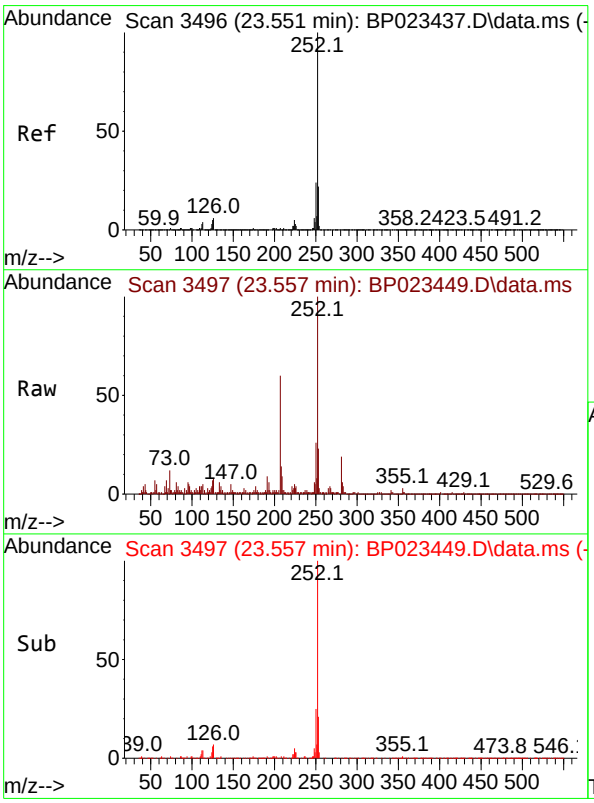
#87
Chrysene
Concen: 10.897 ng/ul
RT: 21.421 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP023449.D
Acq: 17 Dec 2024 01:14

Instrument :
BNA_P
ClientSampleId :
C0AR1

Tgt Ion:228 Resp: 535828

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	19.8	15.6	23.4

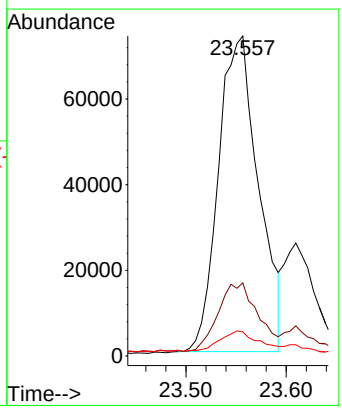


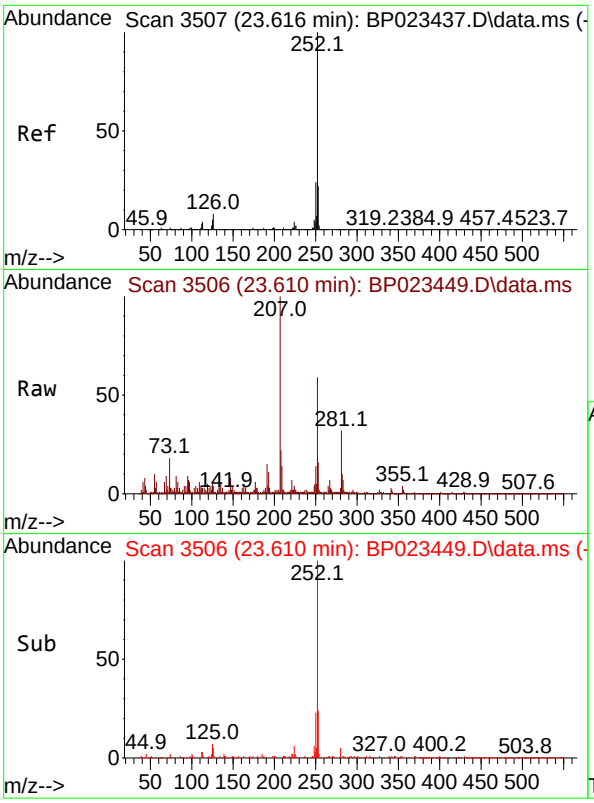


#90
Benzo(b)fluoranthene
Concen: 3.784 ng/ul
RT: 23.557 min Scan# 3497
Delta R.T. -0.000 min
Lab File: BP023449.D
Acq: 17 Dec 2024 01:14

Tgt Ion:252 Resp: 204846

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	7.5	4.4	6.6#





#91
Benzo(k)fluoranthene
Concen: 1.033 ng/ul
RT: 23.610 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP023449.D
Acq: 17 Dec 2024 01:14

Instrument :
BNA_P
ClientSampleId :
C0AR1

Tgt Ion:252 Resp: 55618

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.5	26.3#
125	9.9	4.3	6.5#