Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
Data File : BP018380.D
Acq On : 25 Nov 2023 22:06
Operator : MA/JU
Sample : 05261-07
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Nov 27 00:04:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 24 22:02:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	392566	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	1403399	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	713573	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	1328499	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	1441278	20.000	ng/ul	0.00
88) Perylene-d12	23.798	264	1737833	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	32859	3.135	ng/uL	0.00
4) Pyridine-d5	3.693	84	55836	1.939	ng/ul	0.00
7) Phenol-d5	7.028	99	593170	16.534	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	373827	17.425	ng/ul	0.00
11) 2-Chlorophenol-d4	7.393	132	526395	17.475	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	300453	10.377	ng/ul	-0.01
21) Nitrobenzene-d5	9.022	128	243486	21.360	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	231830	22.022	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	446060	17.563	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	83828	2.447	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	1201477	18.923	ng/ul	-0.01
49) Acenaphthylene-d8	14.187	160	1387353	19.176	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	139141	15.874	ng/ul	0.00
60) Fluorene-d10	15.487	176	1003851	18.902	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	88187	15.594	ng/ul	0.00
73) Anthracene-d10	17.345	188	1216555	17.133	ng/ul	0.00
81) Pyrene-d10	19.586	212	1768748	15.420	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	1799432	17.860	ng/ul	0.01
Target Compounds						Qvalue
6) Benzaldehyde	7.005	77	20011	1.054	ng/ul	94
8) Phenol	7.058	94	63409	1.802	ng/ul	95
16) Acetophenone	8.687	105	241598	5.453	ng/ul	98
72) Phenanthrene	17.286	178	133782	1.656	ng/ul	99
80) Fluoranthene	19.257	202	239869	1.750	ng/ul	99
82) Pyrene	19.616	202	223026	1.616	ng/ul	98
87) Chrysene	21.392	228	123552	1.156	ng/ul	99
90) Benzo(b)fluoranthene	23.051	252	161303	1.278	ng/ul	97
91) Benzo(k)fluoranthene	23.051	252	161303	1.284	ng/ul	96

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

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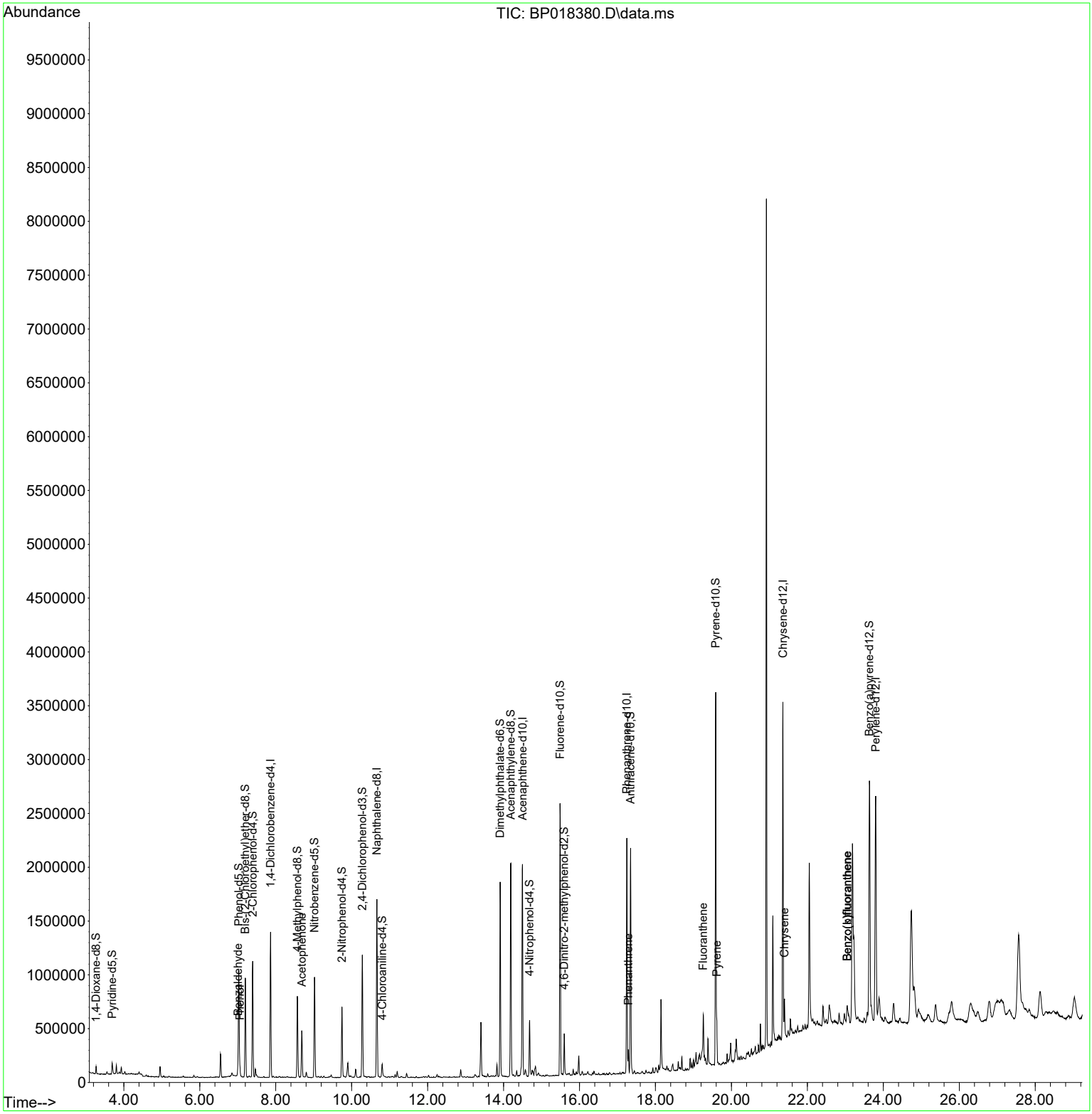
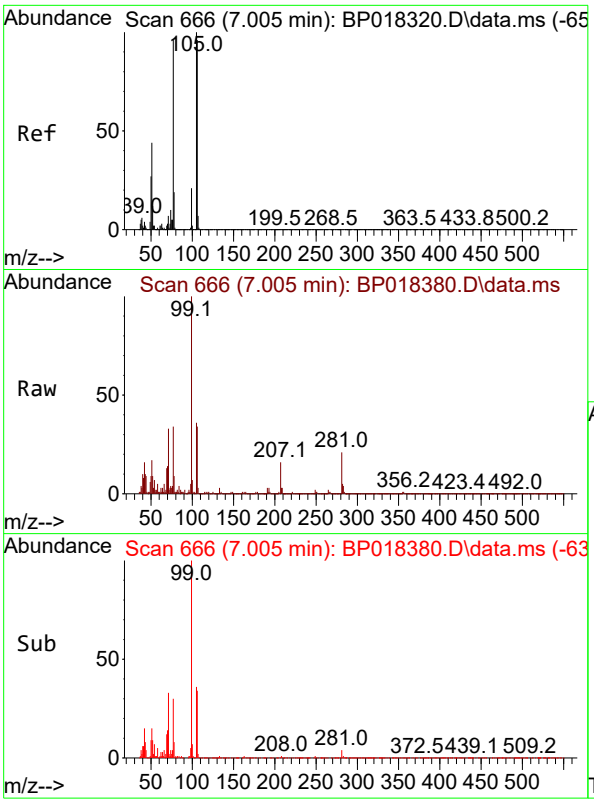


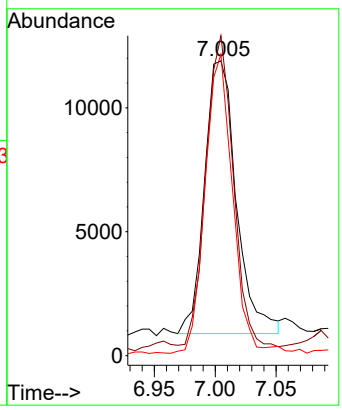


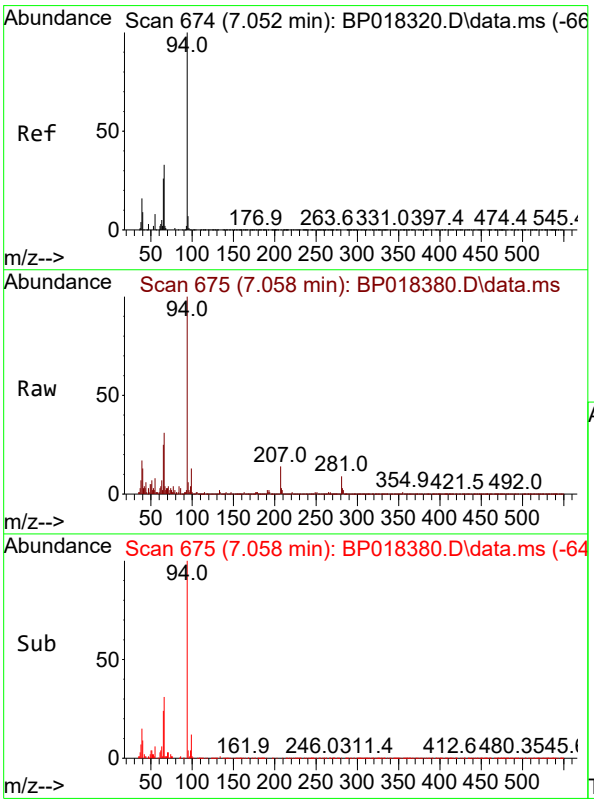
#6
Benzaldehyde
Concen: 1.054 ng/ul
RT: 7.005 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP018380.D
Acq: 25 Nov 2023 22:06

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 77 Resp: 20011

Ion	Ratio	Lower	Upper
77	100		
105	108.5	81.5	122.3
106	102.2	77.9	116.9

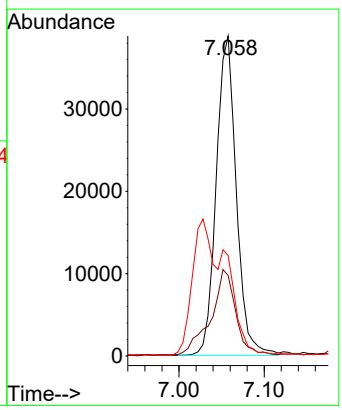


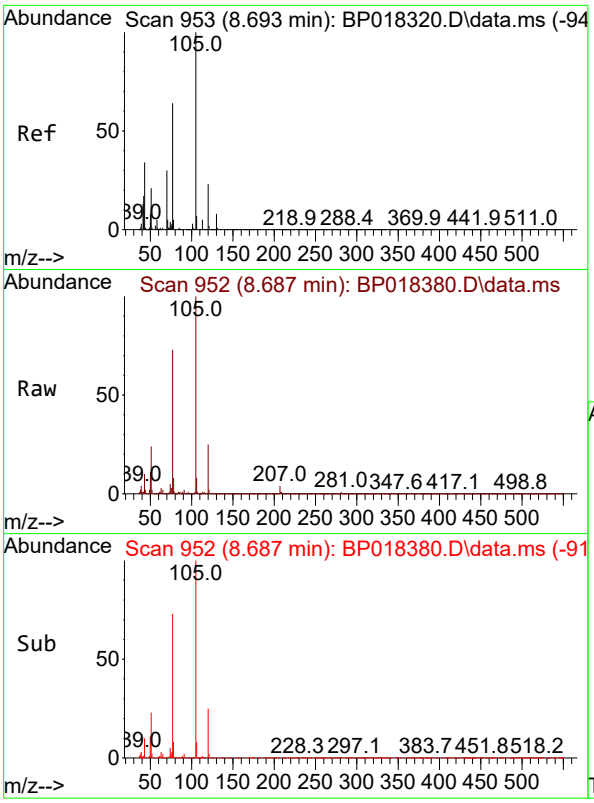


#8
Phenol
Concen: 1.802 ng/ul
RT: 7.058 min Scan# 675
Delta R.T. 0.000 min
Lab File: BP018380.D
Acq: 25 Nov 2023 22:06

Tgt Ion: 94 Resp: 63409

Ion	Ratio	Lower	Upper
94	100		
65	25.1	21.2	31.8
66	31.4	28.0	42.0



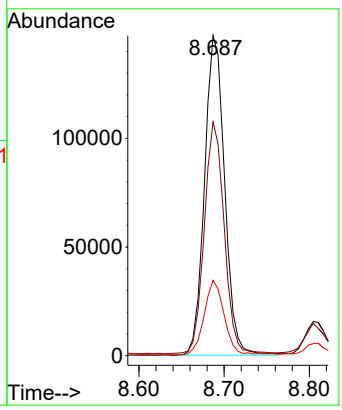


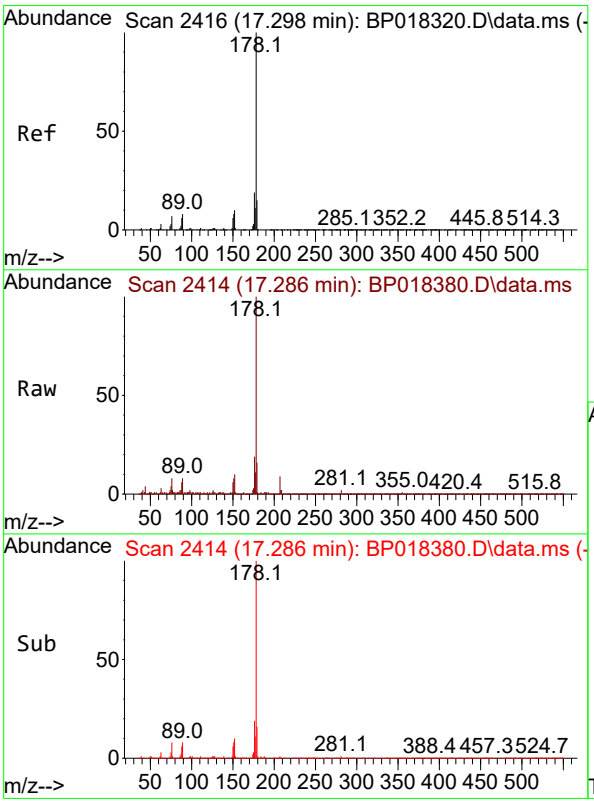
#16
Acetophenone
Concen: 5.453 ng/ul
RT: 8.687 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP018380.D
Acq: 25 Nov 2023 22:06

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:105 Resp: 241598

Ion	Ratio	Lower	Upper
105	100		
77	73.0	59.5	89.3
51	23.5	20.5	30.7

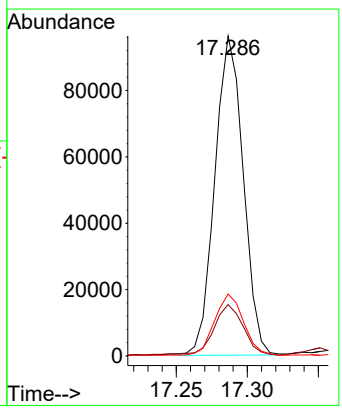


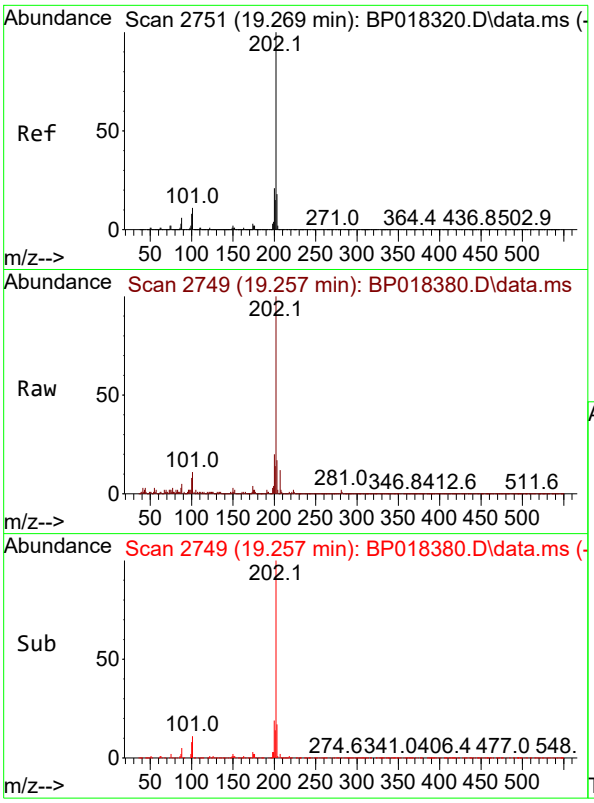


#72
Phenanthrene
Concen: 1.656 ng/ul
RT: 17.286 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP018380.D
Acq: 25 Nov 2023 22:06

Tgt Ion:178 Resp: 133782

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.4	18.6
176	19.4	15.1	22.7



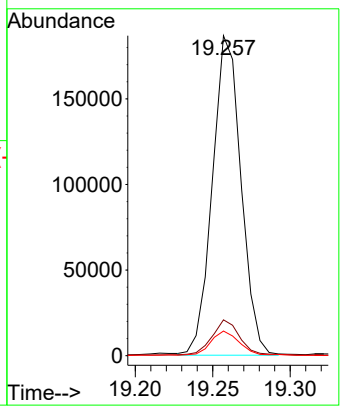


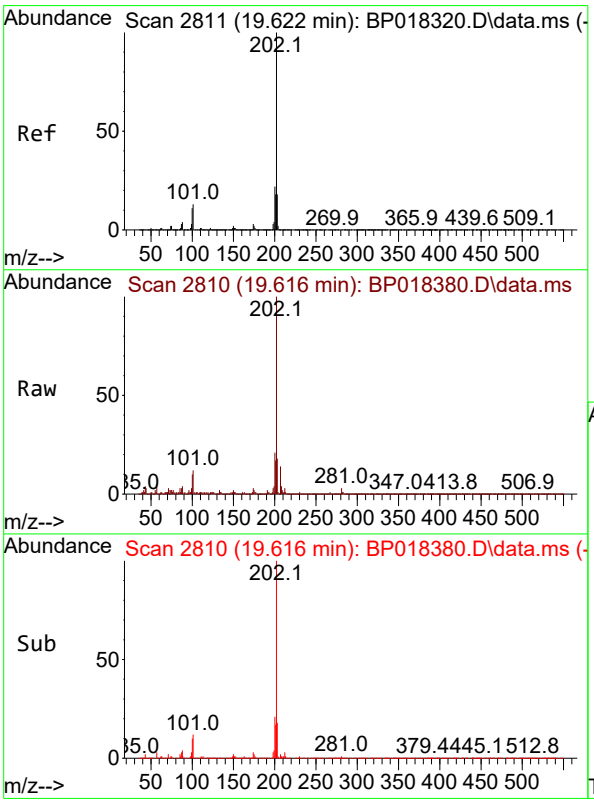
#80
Fluoranthene
Concen: 1.750 ng/ul
RT: 19.257 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP018380.D
Acq: 25 Nov 2023 22:06

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 239869

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.6	13.0
100	7.7	6.7	10.1

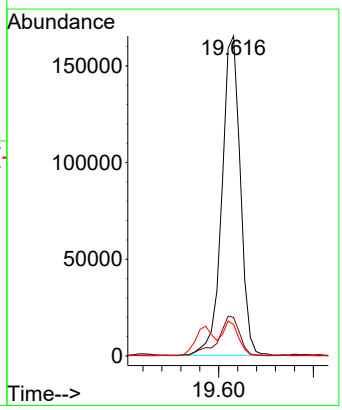


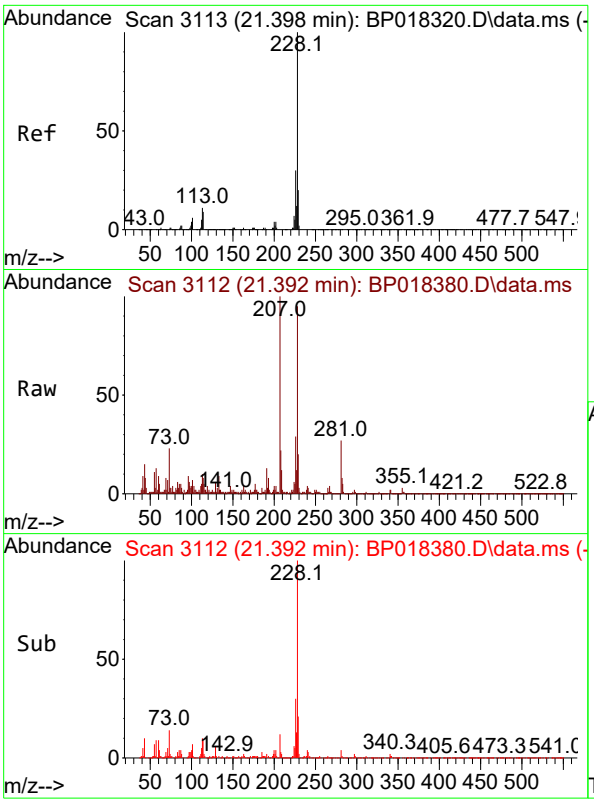


#82
Pyrene
Concen: 1.616 ng/ul
RT: 19.616 min Scan# 2810
Delta R.T. 0.000 min
Lab File: BP018380.D
Acq: 25 Nov 2023 22:06

Tgt Ion:202 Resp: 223026

Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.2	15.4
100	9.8	8.4	12.6



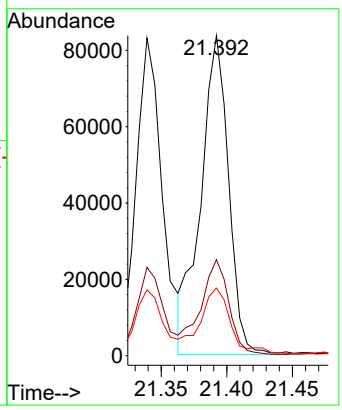


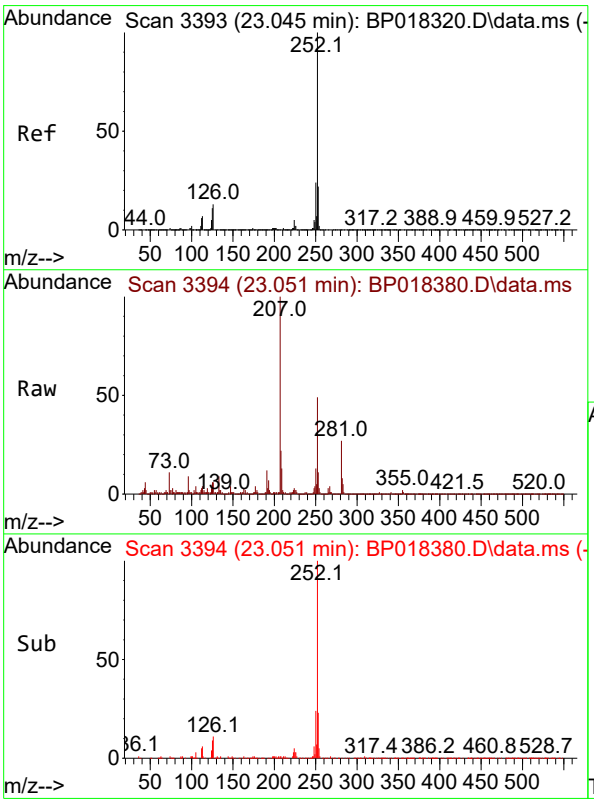
#87
Chrysene
Concen: 1.156 ng/ul
RT: 21.392 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP018380.D
Acq: 25 Nov 2023 22:06

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 123552

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	21.1	16.1	24.1

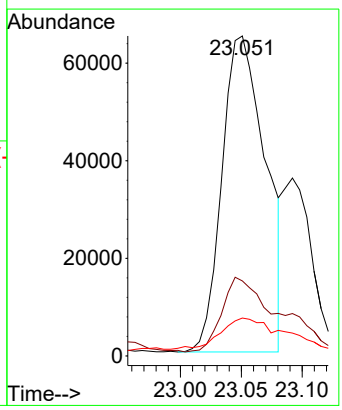


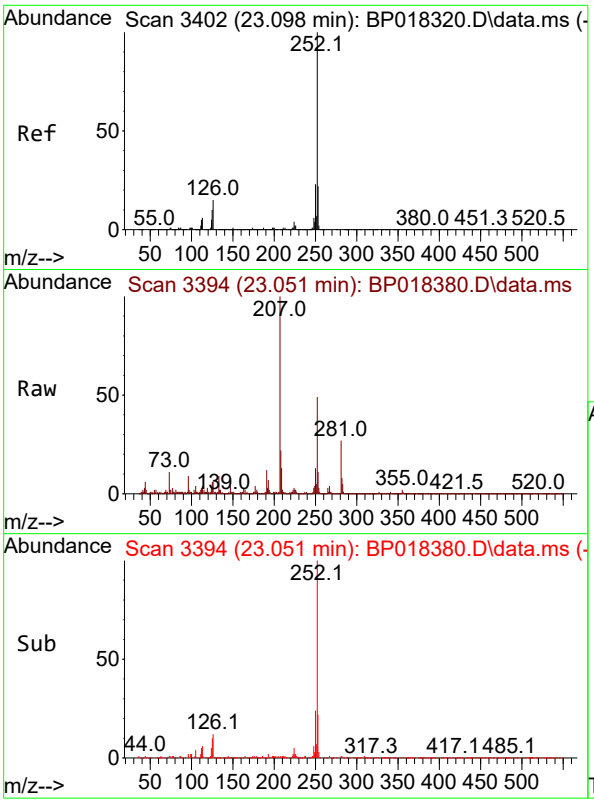


#90
Benzo(b)fluoranthene
Concen: 1.278 ng/ul
RT: 23.051 min Scan# 3394
Delta R.T. 0.012 min
Lab File: BP018380.D
Acq: 25 Nov 2023 22:06

Tgt Ion:252 Resp: 161303

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	11.8	8.4	12.6





#91
Benzo(k)fluoranthene
Concen: 1.284 ng/ul
RT: 23.051 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP018380.D
Acq: 25 Nov 2023 22:06

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 161303

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	11.8	8.0	12.0