Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101924\
Data File : BP022483.D
Acq On : 19 Oct 2024 19:40
Operator : RC/JU
Sample : P4361-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAZ5

Quant Time: Oct 21 02:21:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	118988	20.000	ng/ul	0.00
20) Naphthalene-d8	10.422	136	470929	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	397718	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.063	188	943944	20.000	ng/ul	-0.02
79) Chrysene-d12	21.498	240	866683	20.000	ng/ul	0.00
88) Perylene-d12	24.751	264	888313	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	2601m	0.849	ng/uL	0.00
4) Pyridine-d5	3.622	84	8087	0.962	ng/ul	0.01
7) Phenol-d5	6.857	99	43939	4.387	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.004	67	28877	4.905	ng/ul	0.00
11) 2-Chlorophenol-d4	7.210	132	33690	4.740	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	24457	3.060	ng/ul	0.00
21) Nitrobenzene-d5	8.804	128	18121	5.004	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	21604	5.153	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	41719	4.682	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	30015	2.851	ng/ul	0.00
46) Dimethylphthalate-d6	13.675	166	173598	5.494	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	170160	5.070	ng/ul	0.00
54) 4-Nitrophenol-d4	14.533	143	8308m	1.567	ng/ul	0.03
60) Fluorene-d10	15.286	176	153096	5.586	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	8737m	1.407	ng/ul	0.00
73) Anthracene-d10	17.180	188	248835	5.604	ng/ul	0.01
81) Pyrene-d10	19.545	212	248741	5.427	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.521	264	161740	3.409	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.475	105	42966	3.256	ng/ul	95
72) Phenanthrene	17.110	178	100981	2.000	ng/ul	100
80) Fluoranthene	19.198	202	220147	4.178	ng/ul	99
82) Pyrene	19.574	202	137716	2.439	ng/ul	99
85) Benzo(a)anthracene	21.474	228	128244	2.111	ng/ul	97
87) Chrysene	21.545	228	175951	3.123	ng/ul	97
90) Benzo(b)fluoranthene	23.721	252	162683	2.909	ng/ul	99
91) Benzo(k)fluoranthene	23.786	252	60074m	1.097	ng/ul	

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

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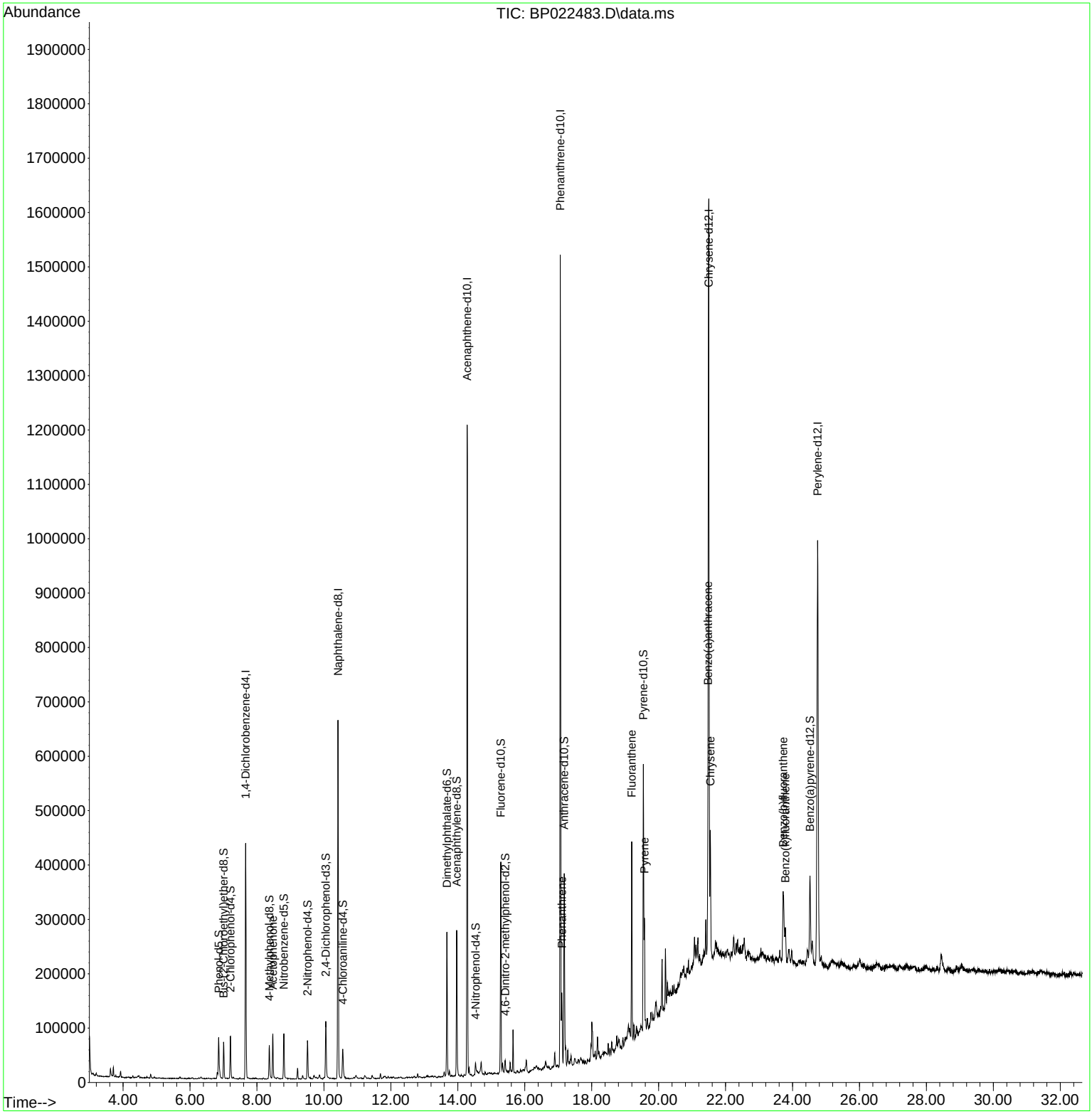
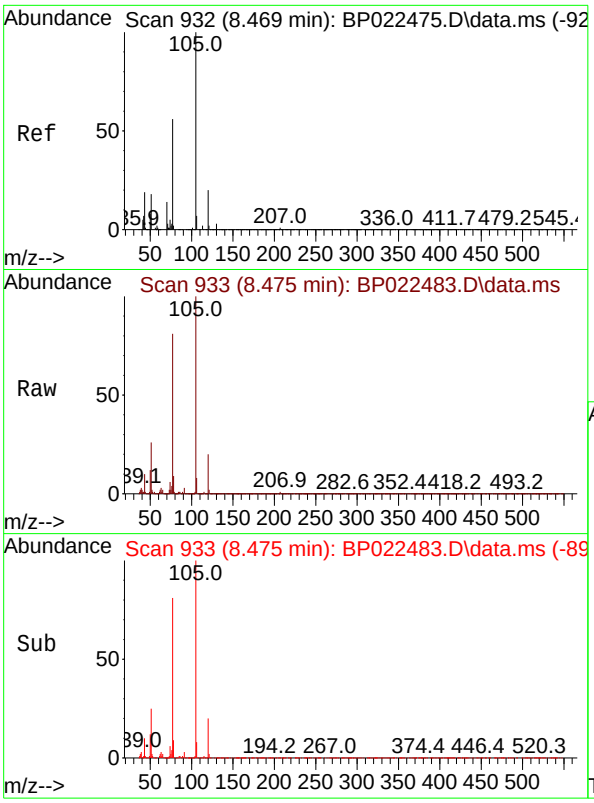


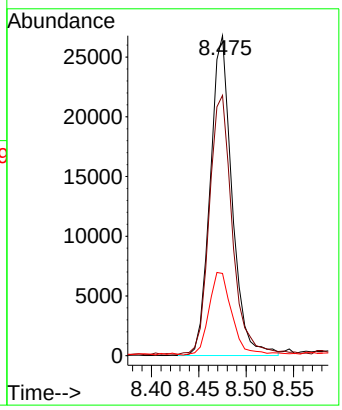


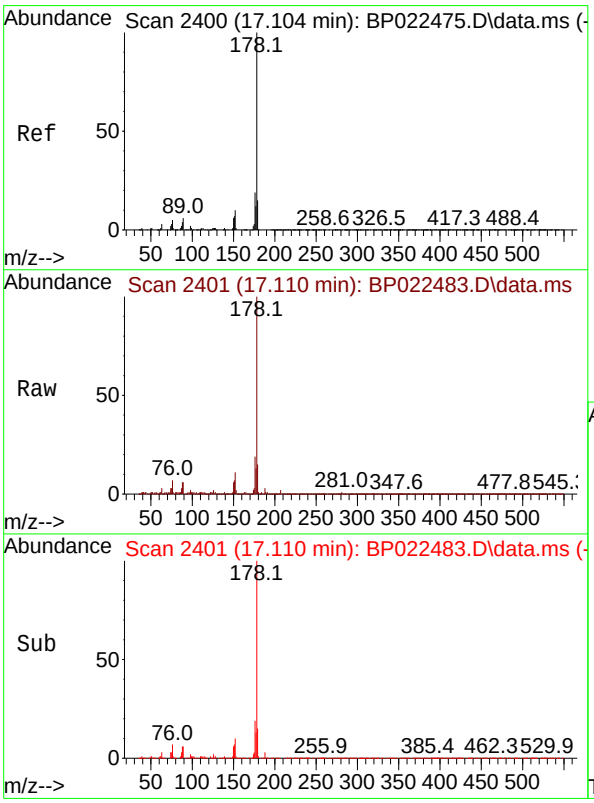
#16
Acetophenone
Concen: 3.256 ng/ul
RT: 8.475 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP022483.D
Acq: 19 Oct 2024 19:40

Instrument :
BNA_P
ClientSampleId :
EOAZ5

Tgt Ion:105 Resp: 42966

Ion	Ratio	Lower	Upper
105	100		
77	81.4	69.0	103.4
51	25.7	22.6	33.8

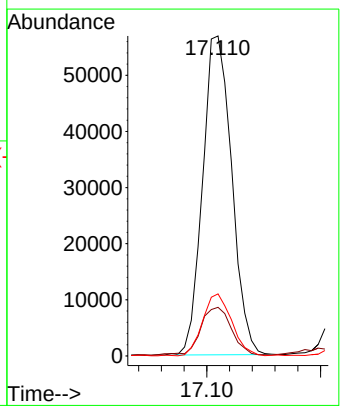


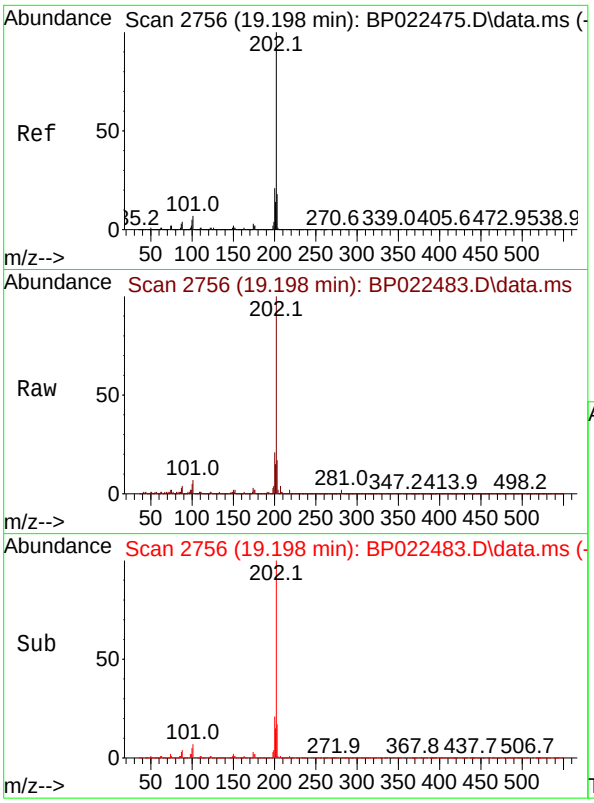


#72
Phenanthrene
Concen: 2.000 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BP022483.D
Acq: 19 Oct 2024 19:40

Tgt Ion:178 Resp: 100981

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	19.4	15.7	23.5



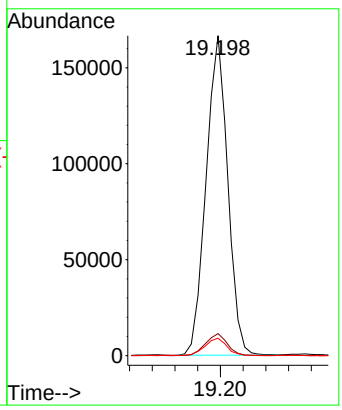


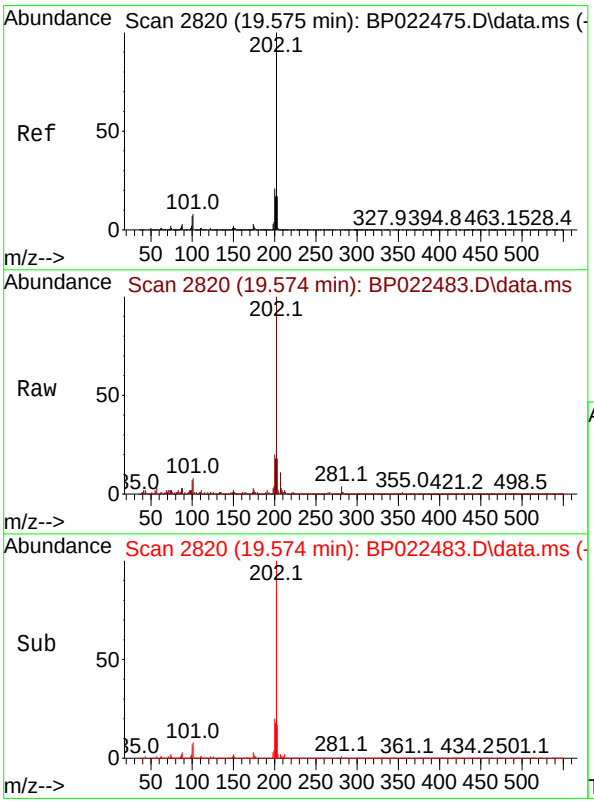
#80
Fluoranthene
Concen: 4.178 ng/ul
RT: 19.198 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP022483.D
Acq: 19 Oct 2024 19:40

Instrument :
BNA_P
ClientSampleId :
EOAZ5

Tgt Ion:202 Resp: 220147

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.8	8.8
100	5.4	4.5	6.7

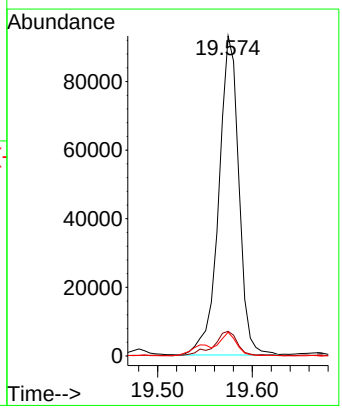


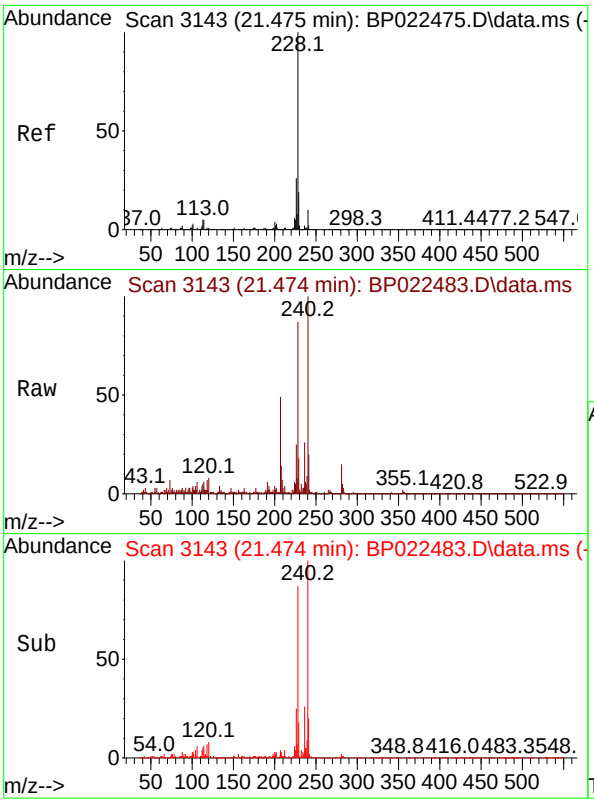


#82
Pyrene
Concen: 2.439 ng/ul
RT: 19.574 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BP022483.D
Acq: 19 Oct 2024 19:40

Tgt Ion:202 Resp: 137716

Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.7	10.1
100	7.4	5.8	8.6



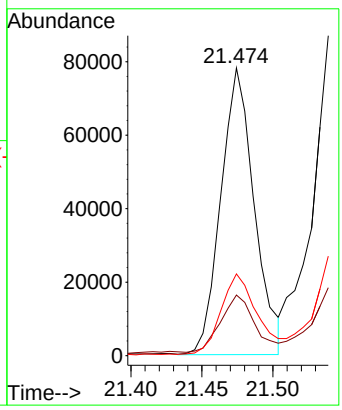


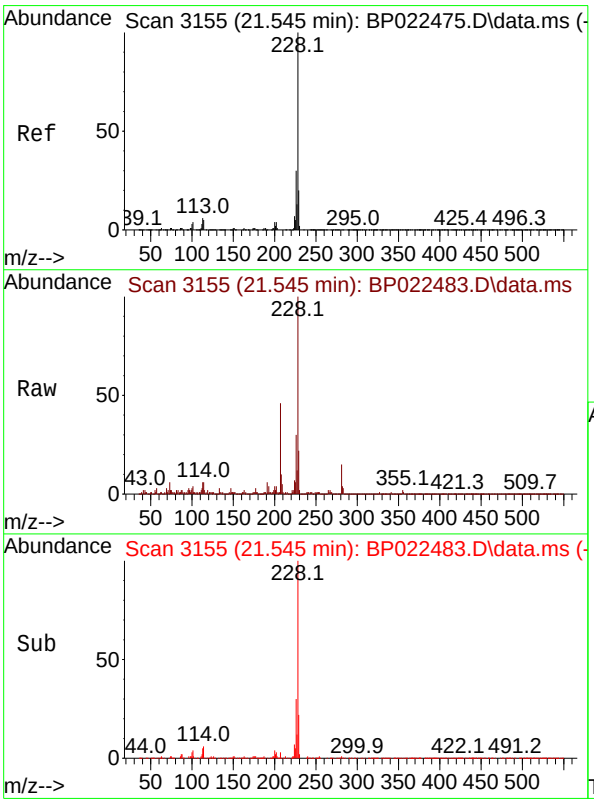
#85
Benzo(a)anthracene
Concen: 2.111 ng/ul
RT: 21.474 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP022483.D
Acq: 19 Oct 2024 19:40

Instrument :
BNA_P
ClientSampleId :
EOAZ5

Tgt Ion:228 Resp: 128244

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.4	23.0
226	28.5	21.5	32.3

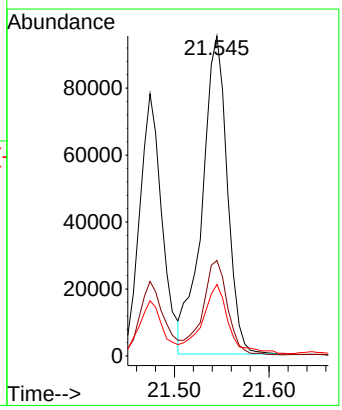


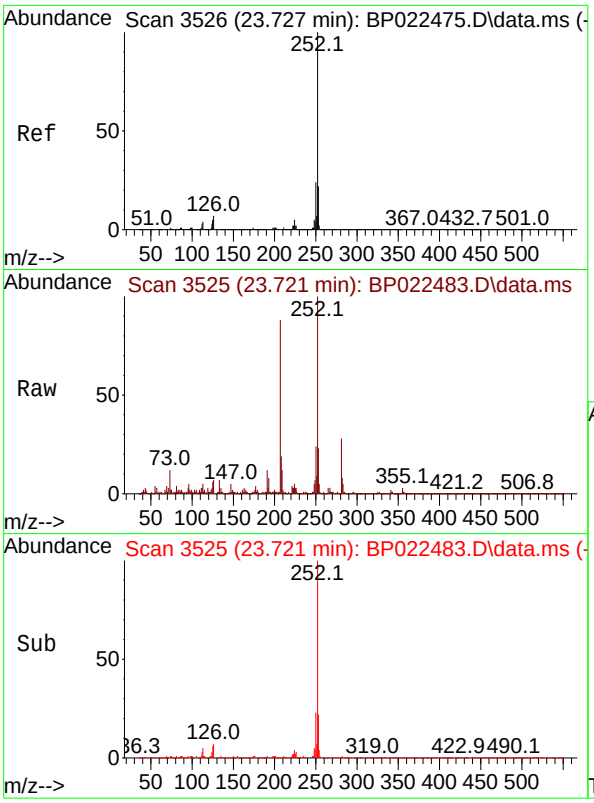


#87
Chrysene
Concen: 3.123 ng/ul
RT: 21.545 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BP022483.D
Acq: 19 Oct 2024 19:40

Tgt Ion:228 Resp: 175951

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	22.3	15.5	23.3



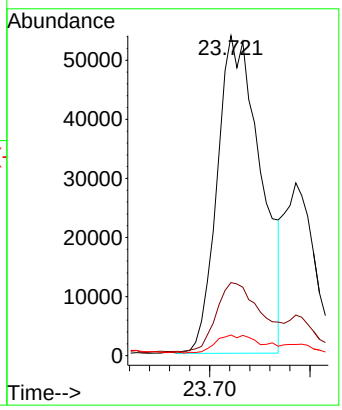


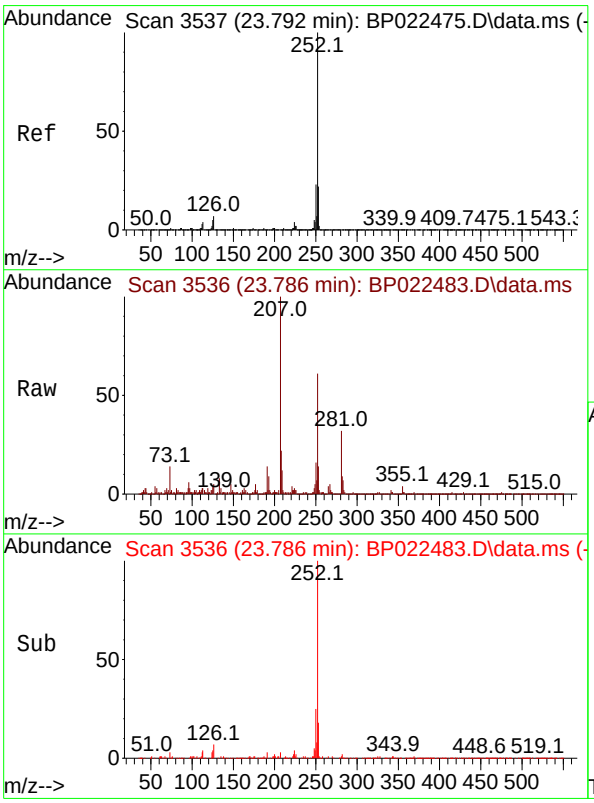
#90
Benzo(b)fluoranthene
Concen: 2.909 ng/ul
RT: 23.721 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP022483.D
Acq: 19 Oct 2024 19:40

Instrument :
BNA_P
ClientSampleId :
EOAZ5

Tgt Ion:252 Resp: 162683

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	6.5	5.0	7.4





#91
Benzo(k)fluoranthene
Concen: 1.097 ng/ul m
RT: 23.786 min Scan# 3536
Delta R.T. -0.006 min
Lab File: BP022483.D
Acq: 19 Oct 2024 19:40

Tgt Ion:252 Resp: 60074

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	6.5	4.6	6.8