Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101924\
Data File : BP022485.D
Acq On : 19 Oct 2024 21:01
Operator : RC/JU
Sample : P4361-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAY7

Quant Time: Oct 21 02:35:11 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	112399	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	438922	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	325447	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.086	188	617204	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	512045	20.000	ng/ul	-0.01
88) Perylene-d12	24.745	264	703828	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	8269	2.859	ng/uL	0.00
4) Pyridine-d5	3.610	84	124791	15.716	ng/ul	0.00
7) Phenol-d5	6.857	99	168679	17.828	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.004	67	108275	19.471	ng/ul	0.00
11) 2-Chlorophenol-d4	7.210	132	133493	19.884	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	155000	20.528	ng/ul	0.00
21) Nitrobenzene-d5	8.798	128	70243	20.814	ng/ul	0.00
24) 2-Nitrophenol-d4	9.516	143	85666	21.925	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	173801	20.929	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	195655	19.939	ng/ul	0.00
46) Dimethylphthalate-d6	13.686	166	614534	23.766	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	628964	22.902	ng/ul	0.00
54) 4-Nitrophenol-d4	14.510	143	25681m	5.920	ng/ul	0.00
60) Fluorene-d10	15.286	176	503806	22.463	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.427	200	32616	8.035	ng/ul	0.01
73) Anthracene-d10	17.174	188	706852	24.345	ng/ul	0.00
81) Pyrene-d10	19.557	212	703436	25.978	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.521	264	916736	24.389	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.463	128	81835	3.500	ng/ul	98
52) Acenaphthene	14.339	153	29422	1.460	ng/ul	98
61) Fluorene	15.345	166	31089	1.260	ng/ul	91
72) Phenanthrene	17.127	178	171807	5.203	ng/ul	99
74) Anthracene	17.204	178	36993	1.123	ng/ul	97
80) Fluoranthene	19.204	202	291714	9.371	ng/ul	97
82) Pyrene	19.586	202	224655	6.733	ng/ul	98
85) Benzo(a)anthracene	21.468	228	145435	4.052	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	21.410	149	34728	2.083	ng/ul	98
87) Chrysene	21.533	228	105942m	3.183	ng/ul	
90) Benzo(b)fluoranthene	23.704	252	213990	4.830	ng/ul	99
91) Benzo(k)fluoranthene	23.774	252	82041m	1.891	ng/ul	
93) Benzo(a)pyrene	24.592	252	149079	3.656	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.409	276	112817m	2.073	ng/ul	
96) Benzo(g,h,i)perylene	29.550	276	103203	2.438	ng/ul	96

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

Quantitation Report (LSC Reviewed)

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Data File : BP022485.D
Acq On : 19 Oct 2024 21:01
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Misc :
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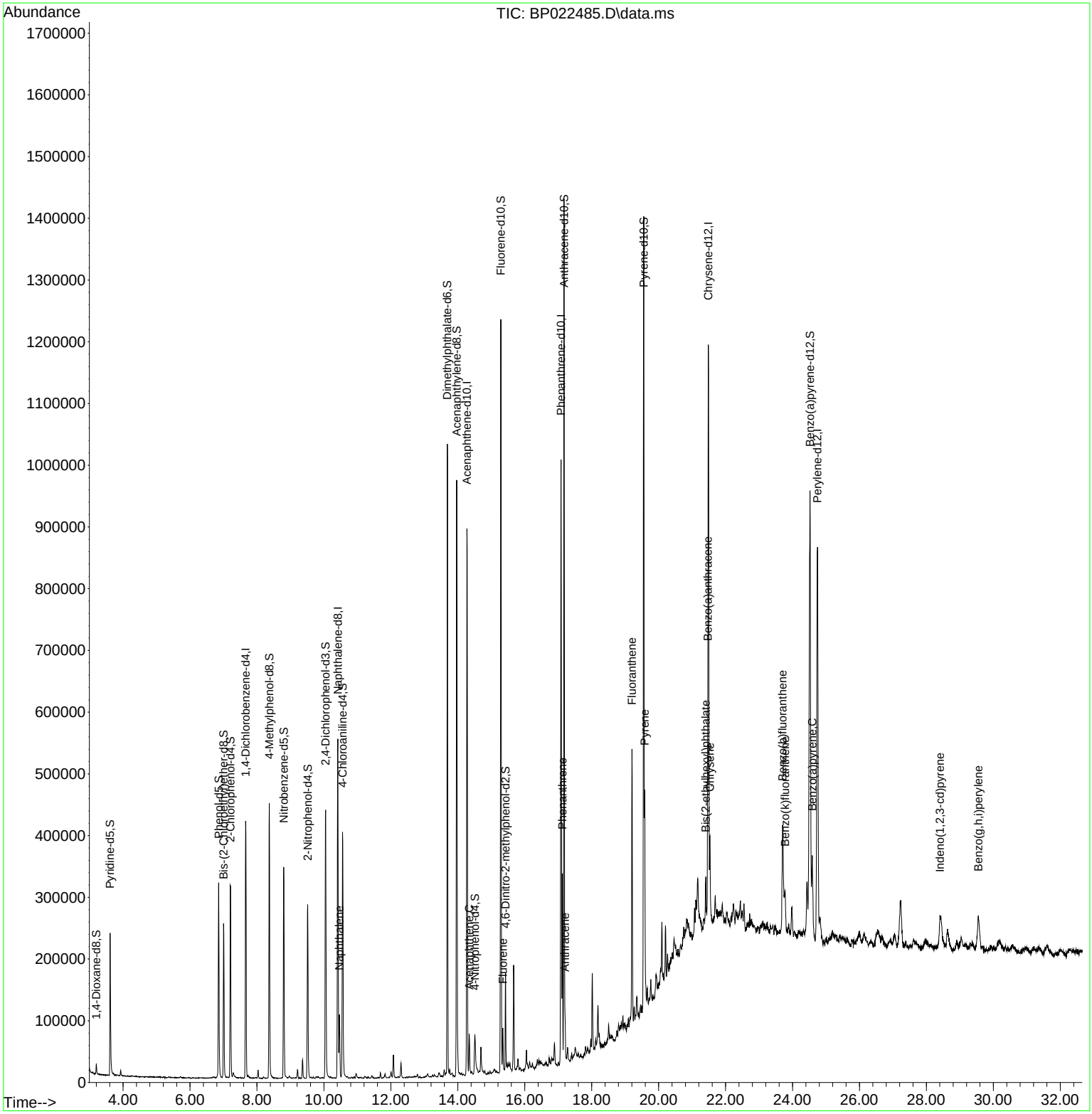
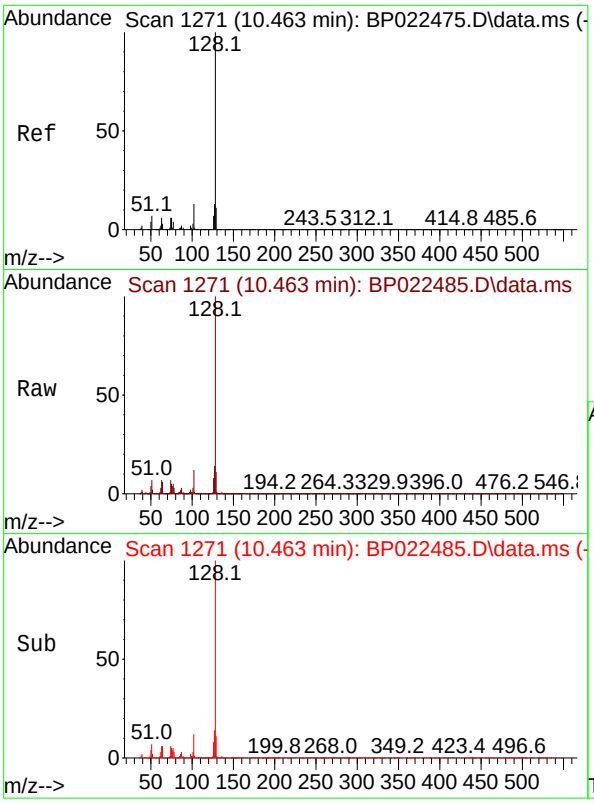
Instrument :
BNA_P
ClientSampleId :
EOAY7

Quant Time: Oct 21 02:35:11 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



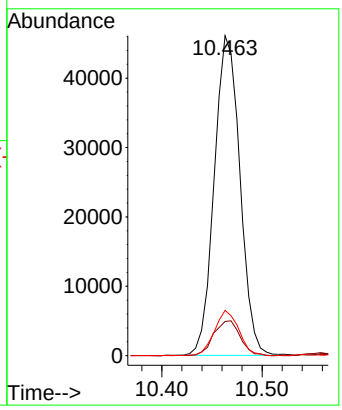


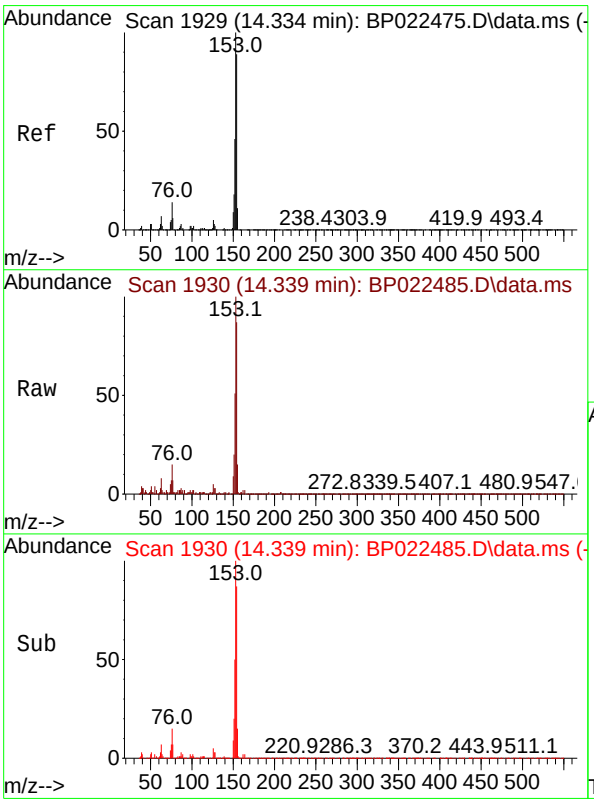
#30
Naphthalene
Concen: 3.500 ng/ul
RT: 10.463 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP022485.D
Acq: 19 Oct 2024 21:01

Instrument :
BNA_P
ClientSampleId :
EOAY7

Tgt Ion:128 Resp: 81835

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	14.1	9.9	14.9

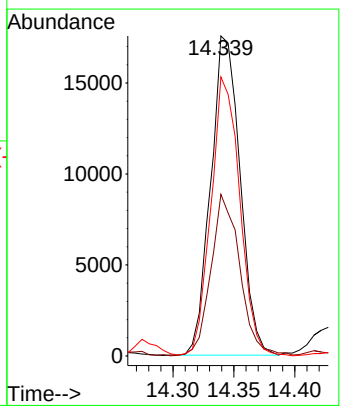


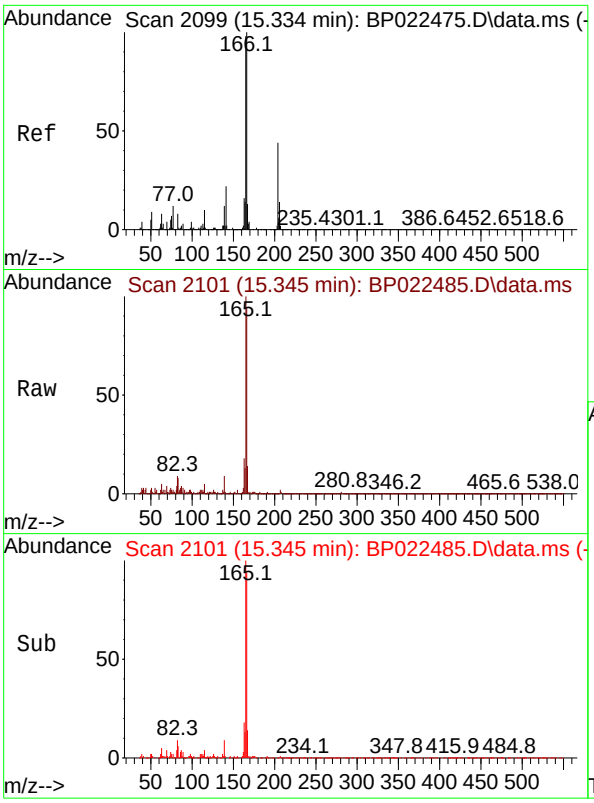


#52
Acenaphthene
Concen: 1.460 ng/ul
RT: 14.339 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BP022485.D
Acq: 19 Oct 2024 21:01

Tgt Ion:153 Resp: 29422

Ion	Ratio	Lower	Upper
153	100		
152	50.5	37.8	56.6
154	87.2	69.5	104.3



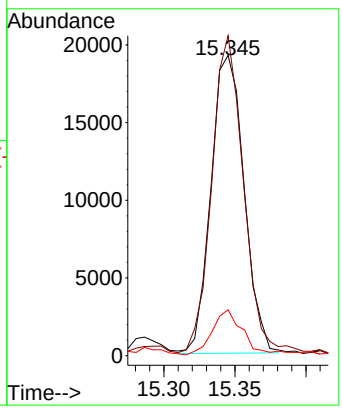


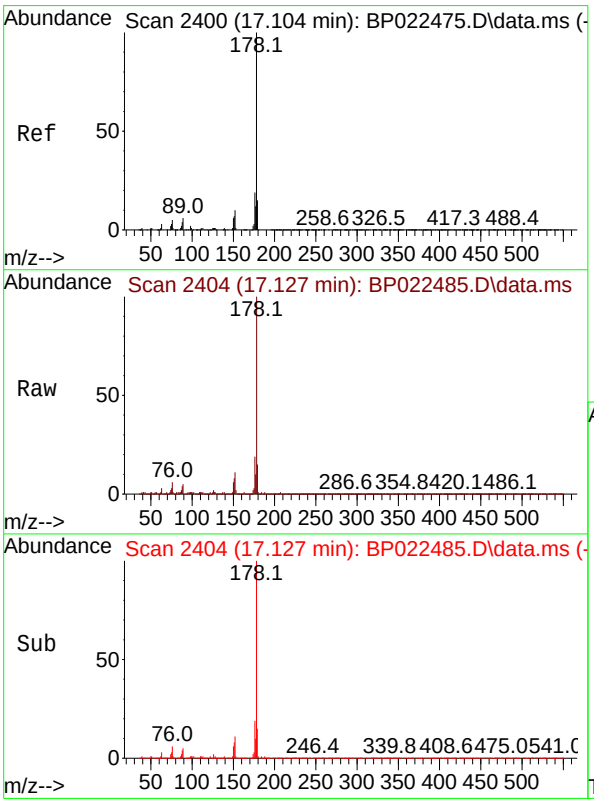
#61
Fluorene
Concen: 1.260 ng/ul
RT: 15.345 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP022485.D
Acq: 19 Oct 2024 21:01

Instrument :
BNA_P
ClientSampleId :
EOAY7

Tgt Ion:166 Resp: 31089

Ion	Ratio	Lower	Upper
166	100		
165	106.5	77.8	116.6
167	15.3	11.1	16.7

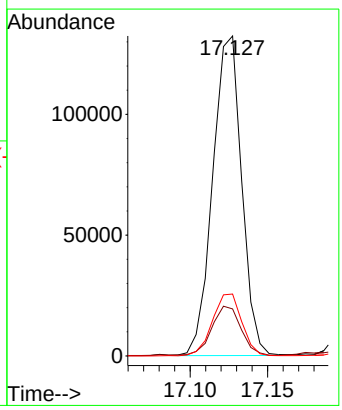


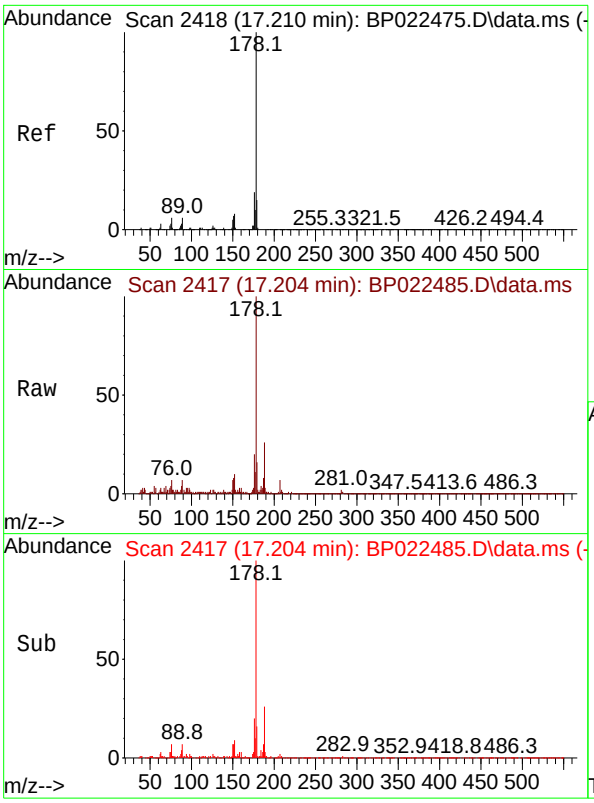


#72
Phenanthrene
Concen: 5.203 ng/ul
RT: 17.127 min Scan# 2404
Delta R.T. 0.012 min
Lab File: BP022485.D
Acq: 19 Oct 2024 21:01

Tgt Ion:178 Resp: 171807

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.2	18.4
176	19.3	15.7	23.5



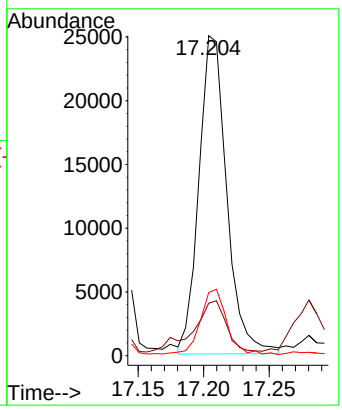


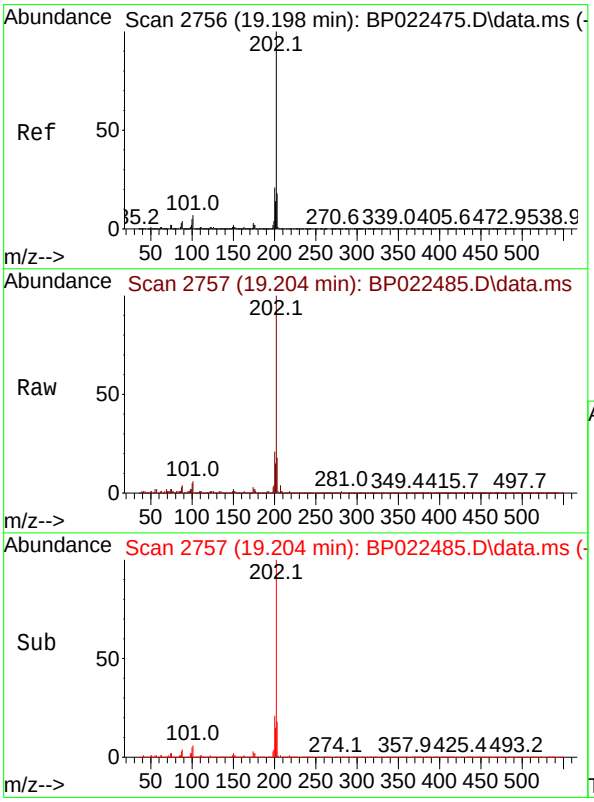
#74
Anthracene
Concen: 1.123 ng/ul
RT: 17.204 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP022485.D
Acq: 19 Oct 2024 21:01

Instrument :
BNA_P
ClientSampleId :
EOAY7

Tgt Ion:178 Resp: 36993

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.0	18.0
176	19.7	15.0	22.4

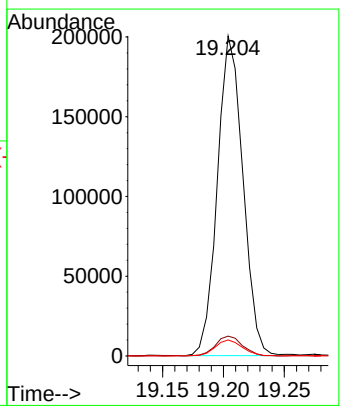


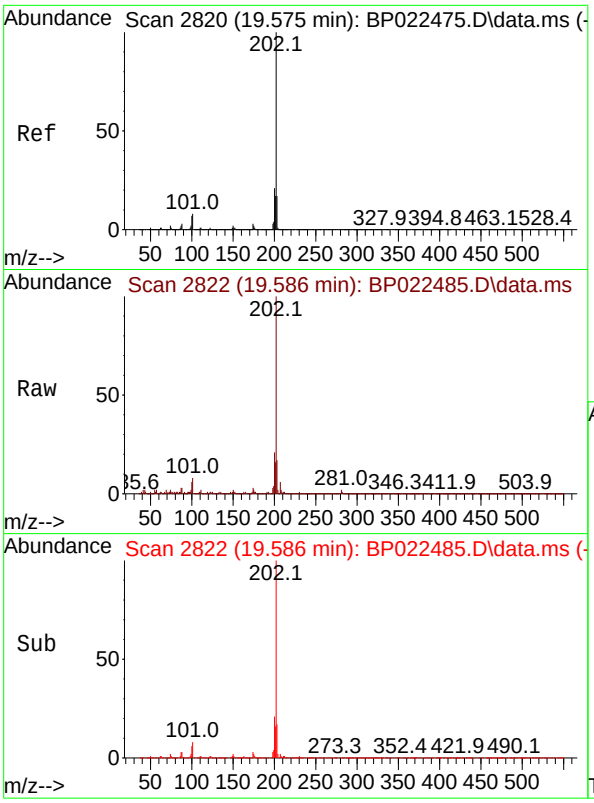


#80
Fluoranthene
Concen: 9.371 ng/ul
RT: 19.204 min Scan# 2757
Delta R.T. -0.006 min
Lab File: BP022485.D
Acq: 19 Oct 2024 21:01

Tgt Ion:202 Resp: 291714

Ion	Ratio	Lower	Upper
202	100		
101	6.2	5.8	8.8
100	5.0	4.5	6.7



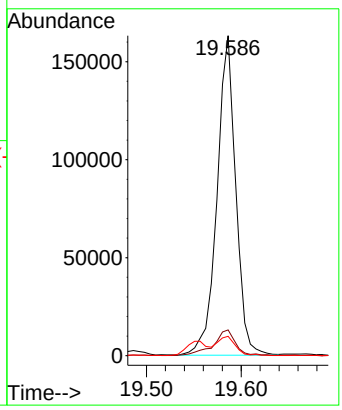


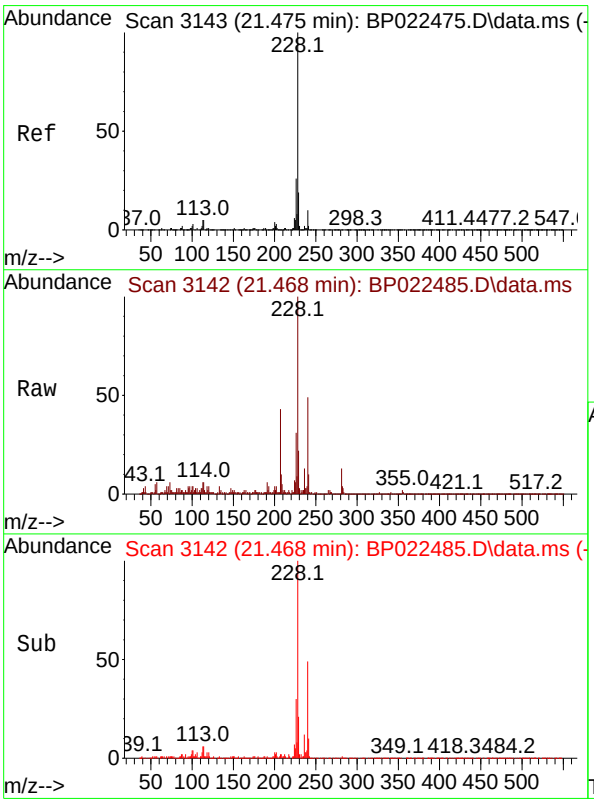
#82
Pyrene
Concen: 6.733 ng/ul
RT: 19.586 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP022485.D
Acq: 19 Oct 2024 21:01

Instrument :
BNA_P
ClientSampleId :
EOAY7

Tgt Ion:202 Resp: 224655

Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.7	10.1
100	6.1	5.8	8.6

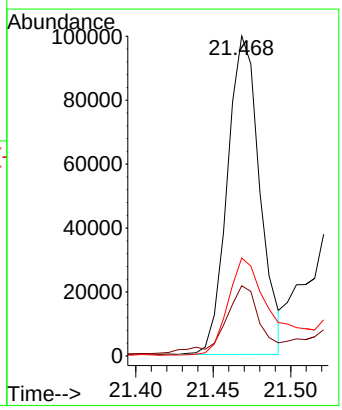


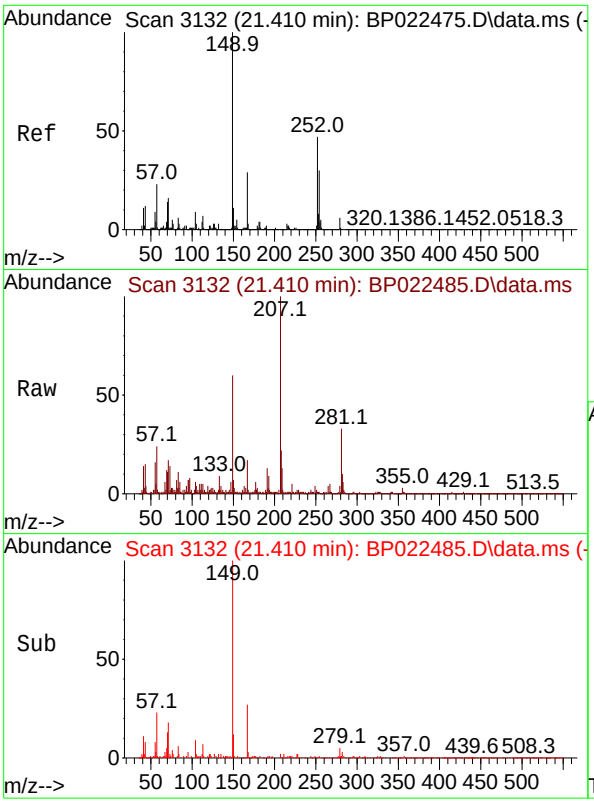


#85
Benzo(a)anthracene
Concen: 4.052 ng/ul
RT: 21.468 min Scan# 3142
Delta R.T. -0.012 min
Lab File: BP022485.D
Acq: 19 Oct 2024 21:01

Tgt Ion:228 Resp: 145435

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.4	23.0
226	30.6	21.5	32.3



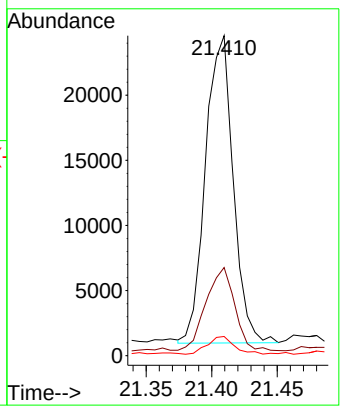


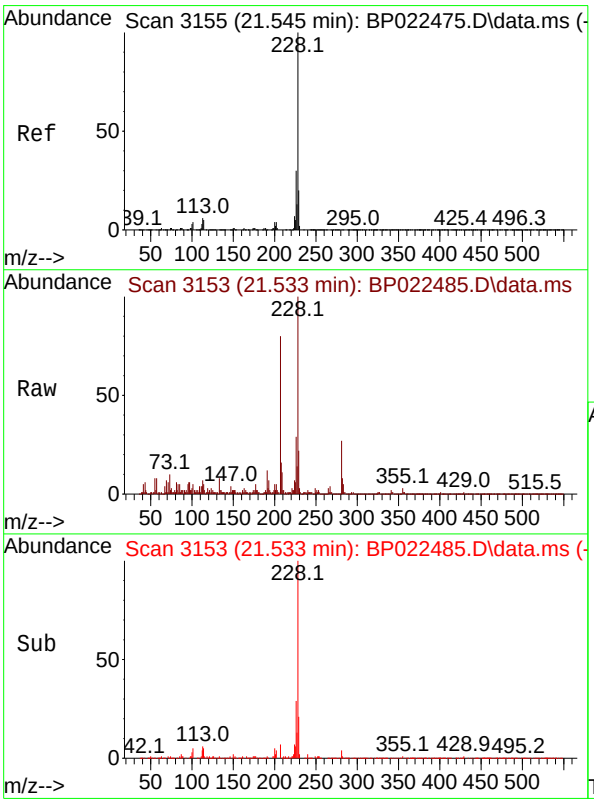
#86
Bis(2-ethylhexyl)phthalate
Concen: 2.083 ng/ul
RT: 21.410 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP022485.D
Acq: 19 Oct 2024 21:01

Instrument :
BNA_P
ClientSampleId :
EOAY7

Tgt Ion:149 Resp: 34728

Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.0	34.4
279	6.0	4.8	7.2

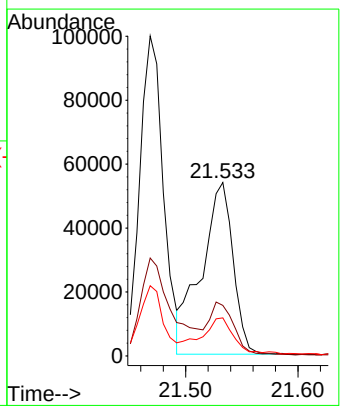


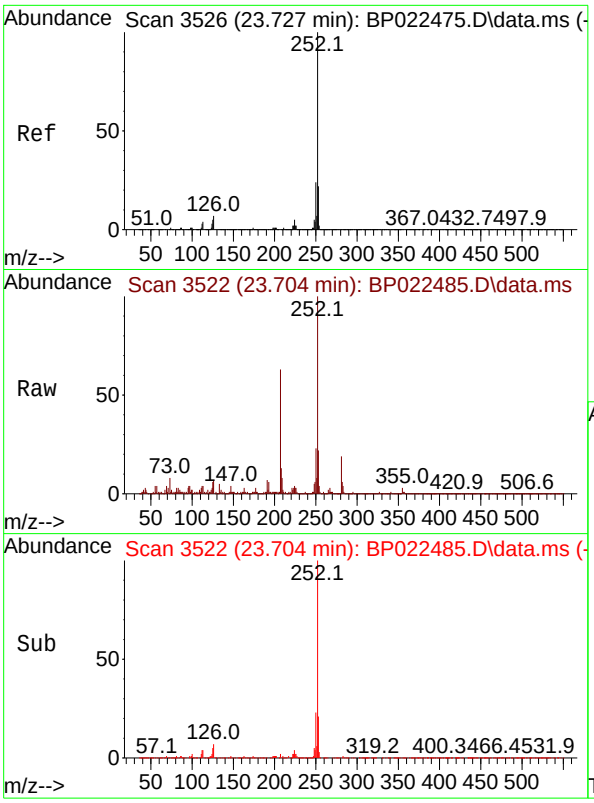


#87
Chrysene
Concen: 3.183 ng/ul m
RT: 21.533 min Scan# 3153
Delta R.T. -0.012 min
Lab File: BP022485.D
Acq: 19 Oct 2024 21:01

Tgt Ion:228 Resp: 105942

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.8	35.8
229	21.9	15.5	23.3



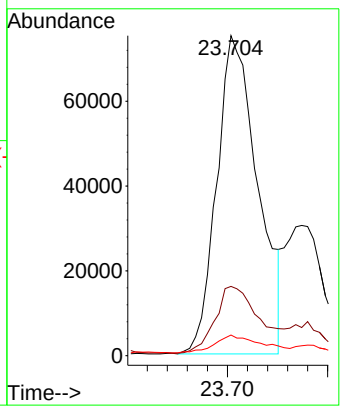


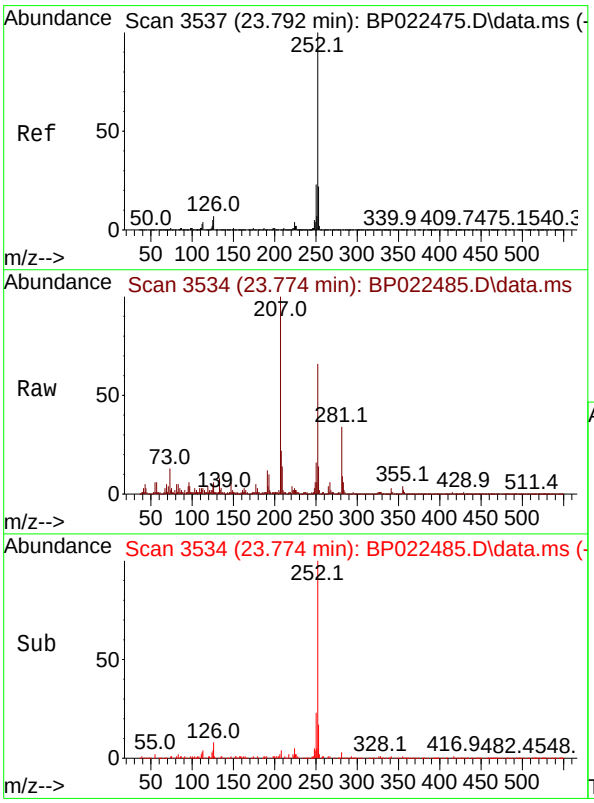
#90
Benzo(b)fluoranthene
Concen: 4.830 ng/ul
RT: 23.704 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP022485.D
Acq: 19 Oct 2024 21:01

Instrument :
BNA_P
ClientSampleId :
EOAY7

Tgt Ion:252 Resp: 213990

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	6.5	5.0	7.4

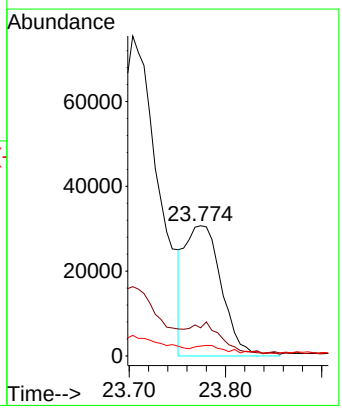


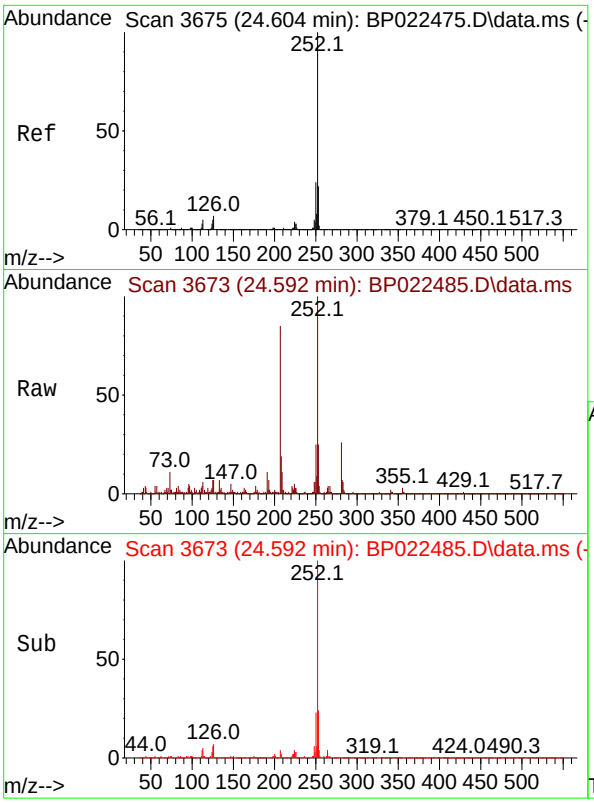


#91
Benzo(k)fluoranthene
Concen: 1.891 ng/ul m
RT: 23.774 min Scan# 3534
Delta R.T. -0.018 min
Lab File: BP022485.D
Acq: 19 Oct 2024 21:01

Tgt Ion:252 Resp: 82041

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	7.6	4.6	6.8#



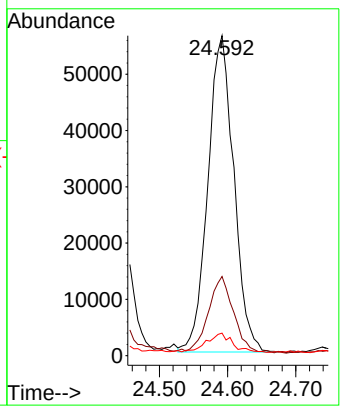


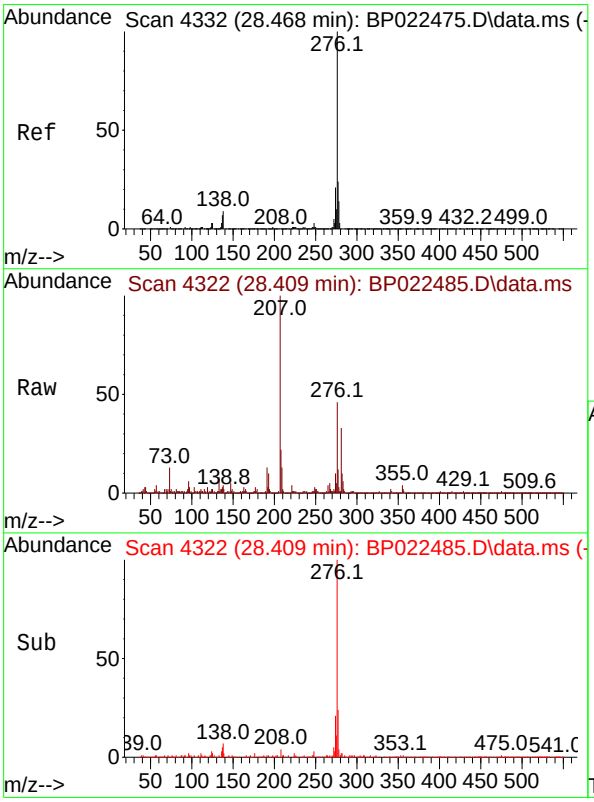
#93
Benzo(a)pyrene
Concen: 3.656 ng/ul
RT: 24.592 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP022485.D
Acq: 19 Oct 2024 21:01

Instrument :
BNA_P
ClientSampleId :
EOAY7

Tgt Ion:252 Resp: 149079

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.7	26.5
125	7.1	4.9	7.3

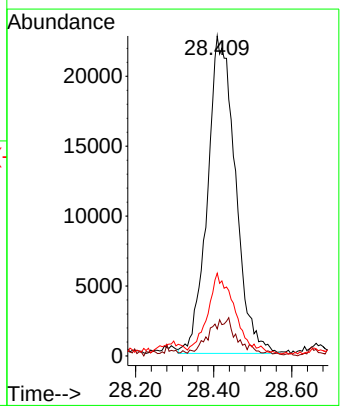


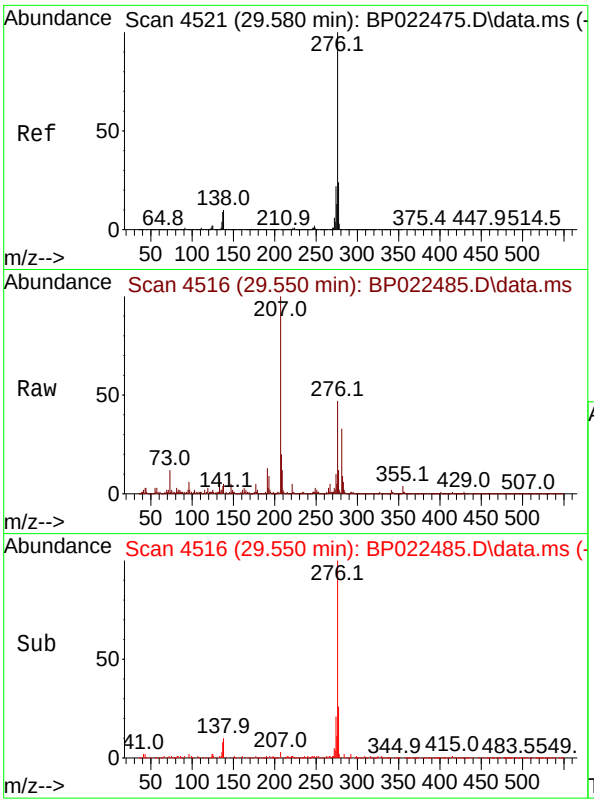


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.073 ng/ul m
RT: 28.409 min Scan# 4322
Delta R.T. -0.023 min
Lab File: BP022485.D
Acq: 19 Oct 2024 21:01

Tgt Ion:276 Resp: 112817

Ion	Ratio	Lower	Upper
276	100		
138	8.5	9.1	13.7#
277	25.9	18.6	27.8





#96
Benzo(g,h,i)perylene
Concen: 2.438 ng/ul
RT: 29.550 min Scan# 4
Delta R.T. -0.023 min
Lab File: BP022485.D
Acq: 19 Oct 2024 21:01

Instrument :
BNA_P
ClientSampleId :
EOAY7

Tgt Ion:276 Resp: 103203

Ion	Ratio	Lower	Upper
276	100		
138	10.7	8.5	12.7
277	26.2	19.0	28.4