Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011505.D
Acq On : 19 Aug 2022 13:44
Operator : CG/JU
Sample : N4210-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Aug 20 04:35:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 01:58:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	96312	20.000	ng/ul	0.00
20) Naphthalene-d8	10.346	136	393328	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.228	164	213654	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.004	188	419548	20.000	ng/ul	0.00
79) Chrysene-d12	21.133	240	393234	20.000	ng/ul	0.00
88) Perylene-d12	23.427	264	416536	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	8256	2.660	ng/uL	0.00
4) Pyridine-d5	3.487	84	49845	6.273	ng/ul	0.00
7) Phenol-d5	6.746	99	158071	17.860	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	101264	17.611	ng/ul	0.00
11) 2-Chlorophenol-d4	7.087	132	128176	19.690	ng/ul	0.00
15) 4-Methylphenol-d8	8.275	113	109166	15.410	ng/ul	0.00
21) Nitrobenzene-d5	8.722	128	59946	21.170	ng/ul	0.00
24) 2-Nitrophenol-d4	9.440	143	62536	21.700	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	106458	20.012	ng/ul	0.00
31) 4-Chloroaniline-d4	10.499	131	145096	16.385	ng/ul	0.00
46) Dimethylphthalate-d6	13.657	166	344729	22.812	ng/ul	0.00
49) Acenaphthylene-d8	13.922	160	375258	22.343	ng/ul	0.00
54) 4-Nitrophenol-d4	14.463	143	47643	16.364	ng/ul	0.00
60) Fluorene-d10	15.234	176	288397	22.685	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	31921	14.080	ng/ul	0.00
73) Anthracene-d10	17.104	188	458123	24.655	ng/ul	0.00
81) Pyrene-d10	19.369	212	533383	26.809	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.280	264	522275	25.776	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.045	178	105976	4.667	ng/ul	98
74) Anthracene	17.045	178	106224	4.637	ng/ul	100
80) Fluoranthene	19.039	202	174036	7.113	ng/ul	97
82) Pyrene	19.392	202	133152	5.179	ng/ul	97
85) Benzo(a)anthracene	21.116	228	76254	3.183	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.063	149	273555	16.029	ng/ul	99
87) Chrysene	21.169	228	80531	3.422	ng/ul	97
89) Di-n-octyl phthalate	21.963	149	36414	1.088	ng/ul	100
90) Benzo(b)fluoranthene	22.733	252	122487	4.727	ng/ul#	92
91) Benzo(k)fluoranthene	22.733	252	122487	4.954	ng/ul#	94
93) Benzo(a)pyrene	23.321	252	68519	2.709	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	25.786	276	62690	2.222	ng/ul	99
96) Benzo(g,h,i)perylene	26.515	276	53477	2.228	ng/ul	96

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

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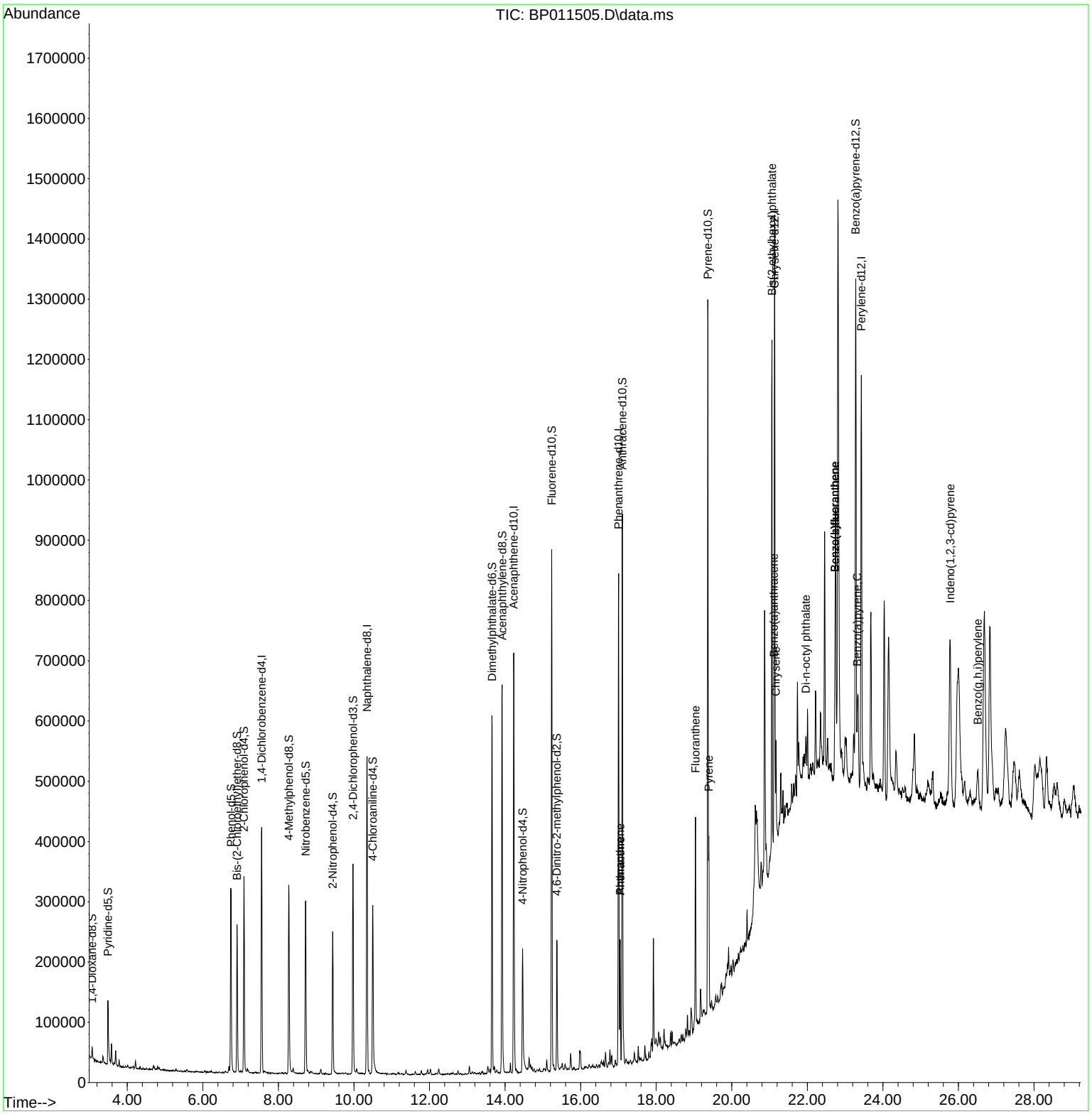
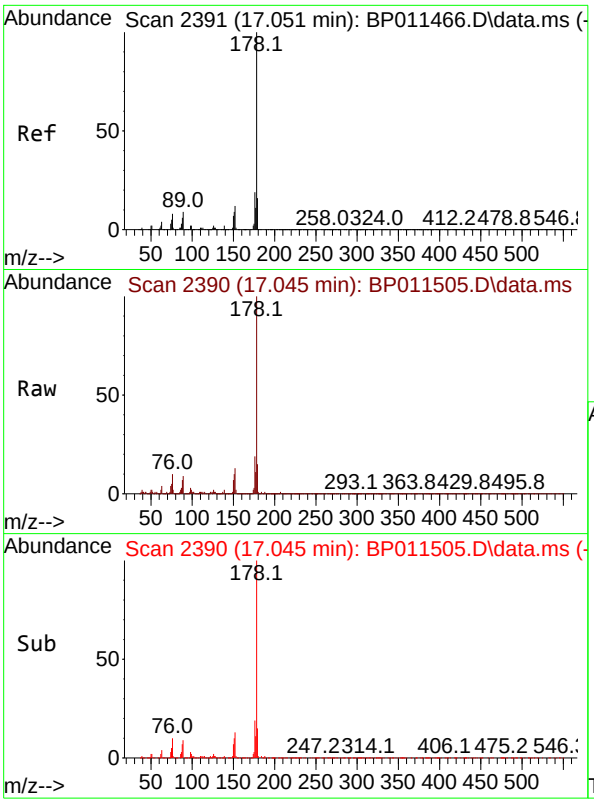


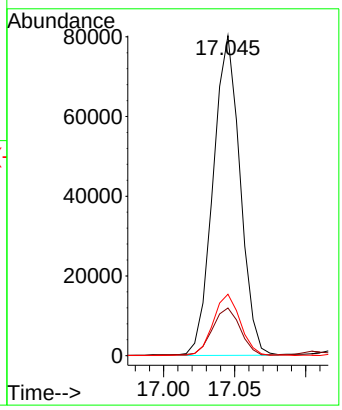


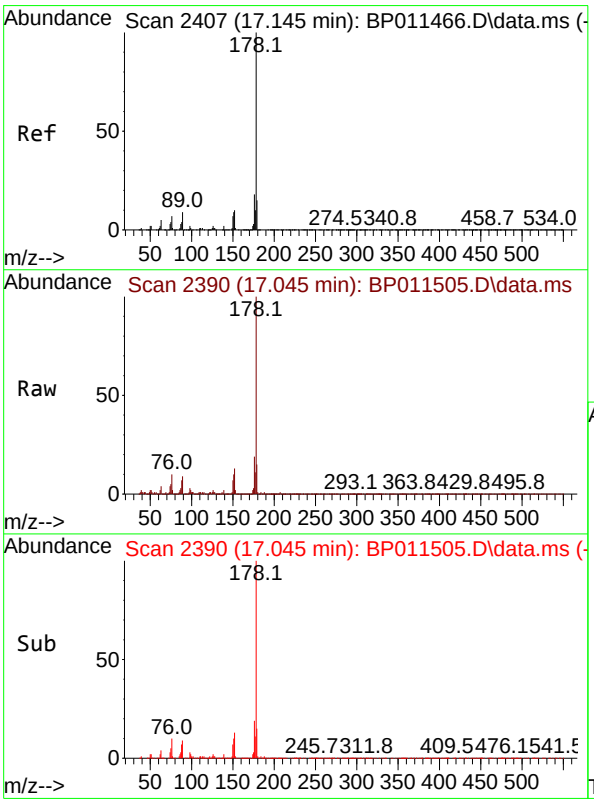
#72
Phenanthrene
Concen: 4.667 ng/ul
RT: 17.045 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP011505.D
Acq: 19 Aug 2022 13:44

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 105976

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.6	18.8
176	19.2	15.8	23.8

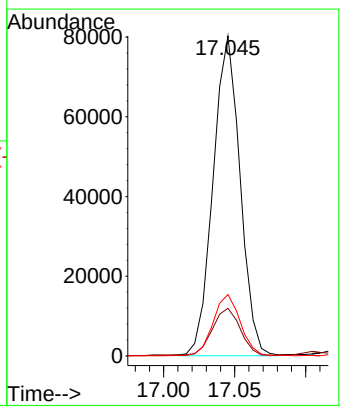


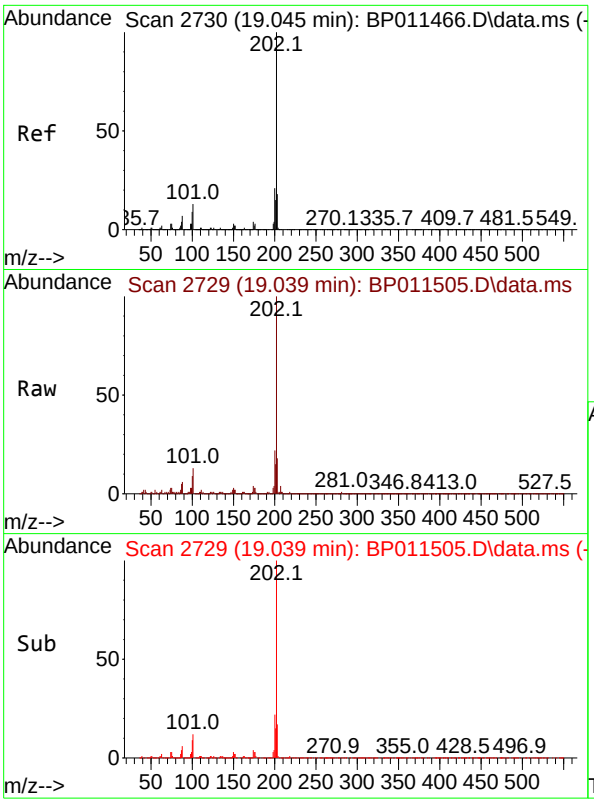


#74
Anthracene
Concen: 4.637 ng/ul
RT: 17.045 min Scan# 2390
Delta R.T. -0.094 min
Lab File: BP011505.D
Acq: 19 Aug 2022 13:44

Tgt Ion:178 Resp: 106224

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.2
176	19.2	15.4	23.0



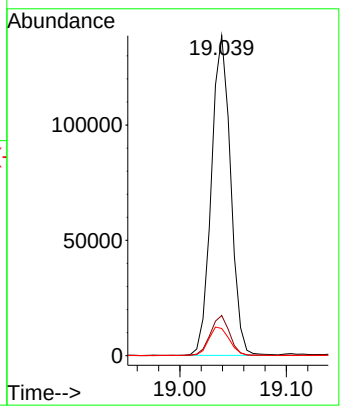


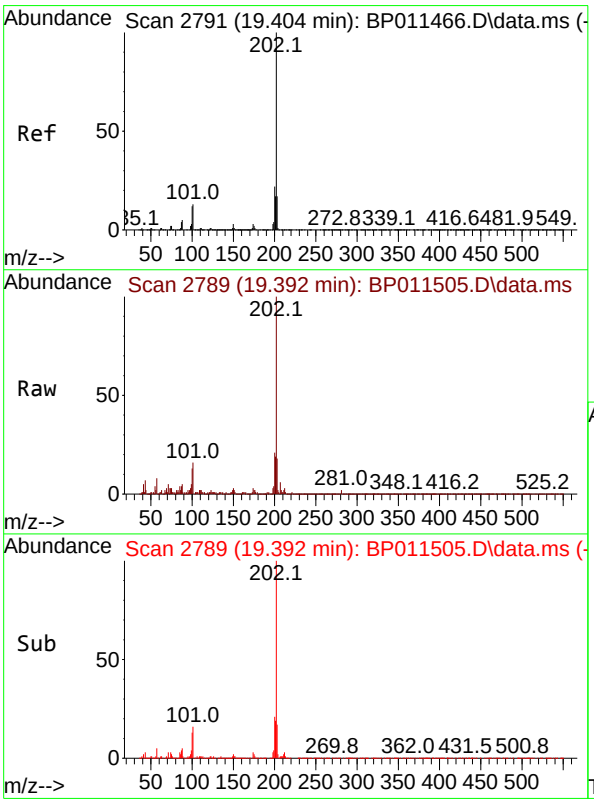
#80
Fluoranthene
Concen: 7.113 ng/ul
RT: 19.039 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP011505.D
Acq: 19 Aug 2022 13:44

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 174036

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.5	14.3
100	8.5	7.9	11.9

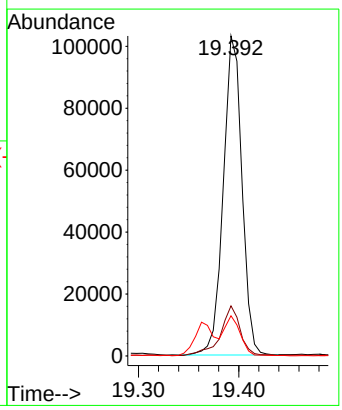


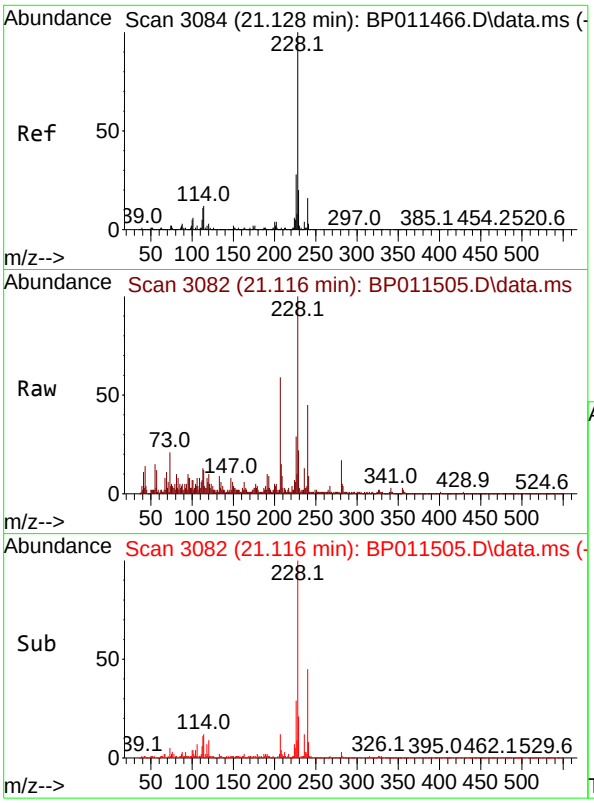


#82
Pyrene
Concen: 5.179 ng/ul
RT: 19.392 min Scan# 2789
Delta R.T. -0.000 min
Lab File: BP011505.D
Acq: 19 Aug 2022 13:44

Tgt Ion:202 Resp: 133152

Ion	Ratio	Lower	Upper
202	100		
101	15.7	11.4	17.2
100	12.5	9.4	14.0



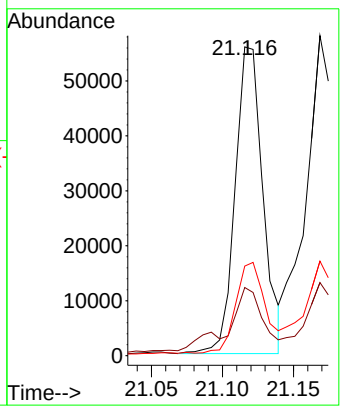


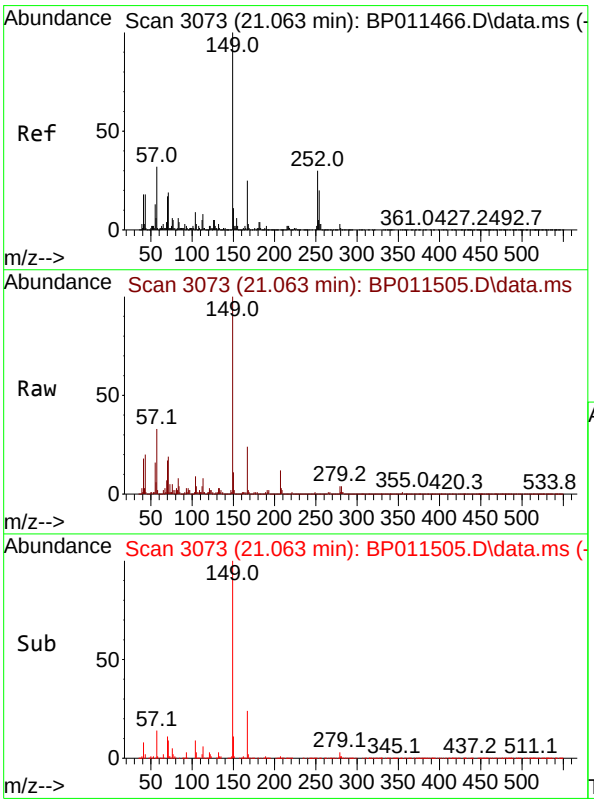
#85
Benzo(a)anthracene
Concen: 3.183 ng/ul
RT: 21.116 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP011505.D
Acq: 19 Aug 2022 13:44

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 76254

Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.0	24.0
226	29.0	22.6	33.8

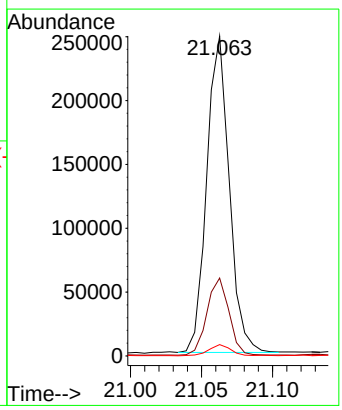


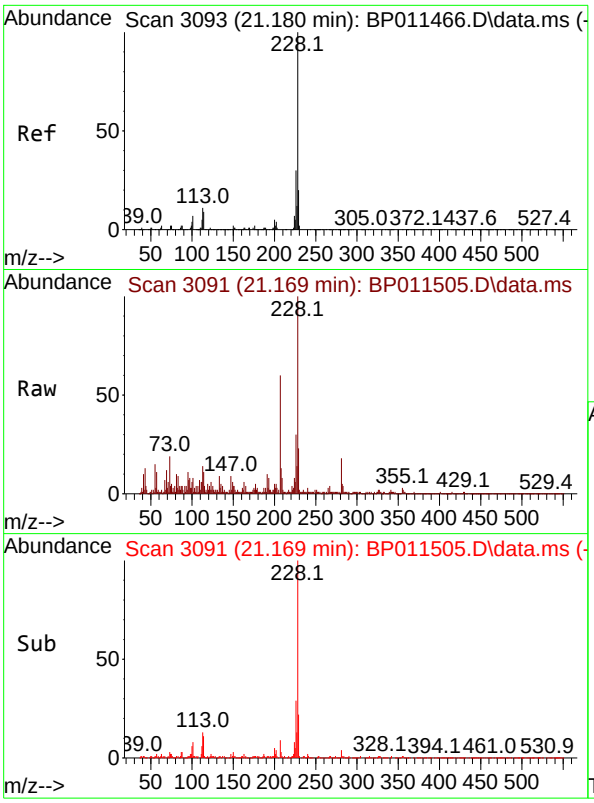


#86
Bis(2-ethylhexyl)phthalate
Concen: 16.029 ng/ul
RT: 21.063 min Scan# 3073
Delta R.T. -0.000 min
Lab File: BP011505.D
Acq: 19 Aug 2022 13:44

Tgt Ion:149 Resp: 273555

Ion	Ratio	Lower	Upper
149	100		
167	24.3	19.8	29.8
279	3.6	2.7	4.1



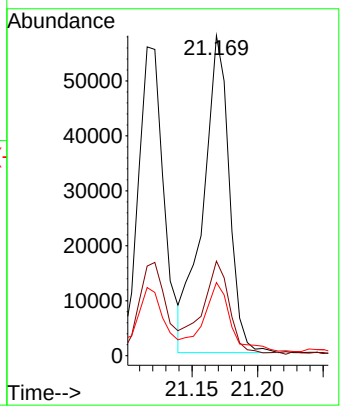


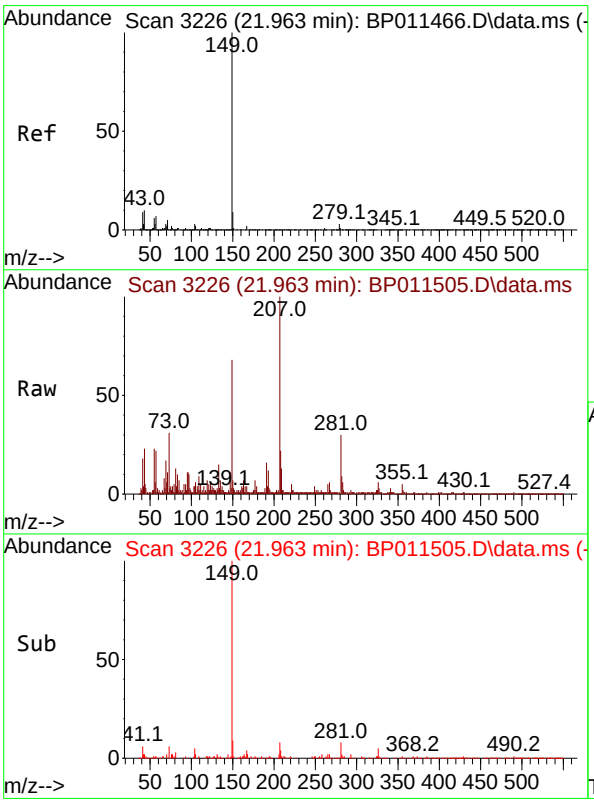
#87
Chrysene
Concen: 3.422 ng/ul
RT: 21.169 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP011505.D
Acq: 19 Aug 2022 13:44

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 80531

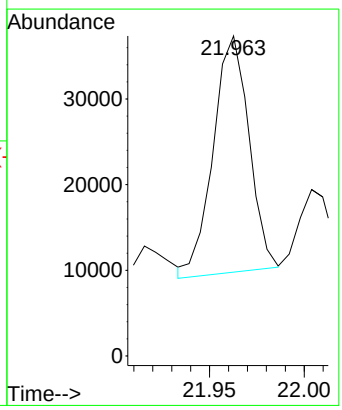
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.9	35.9
229	22.9	16.0	24.0

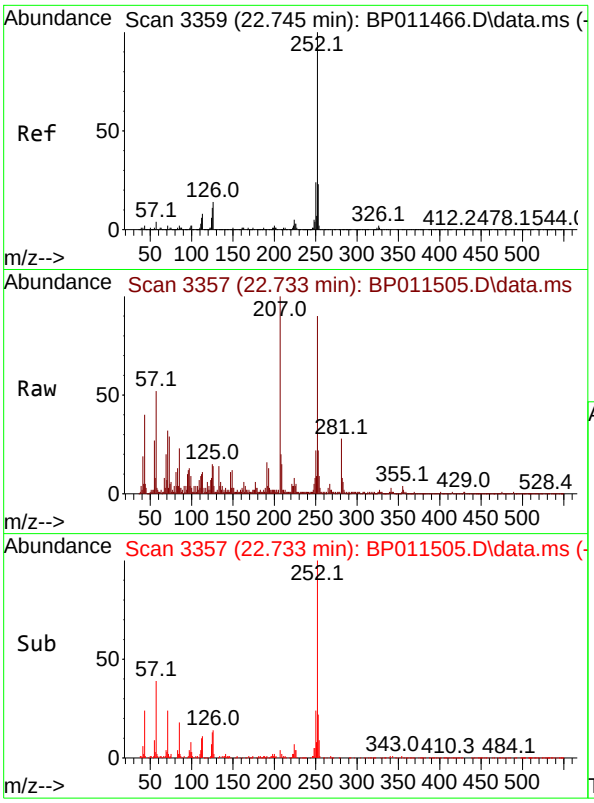




#89
Di-n-octyl phthalate
Concen: 1.088 ng/ul
RT: 21.963 min Scan# 3226
Delta R.T. 0.006 min
Lab File: BP011505.D
Acq: 19 Aug 2022 13:44

Tgt Ion:149 Resp: 36414



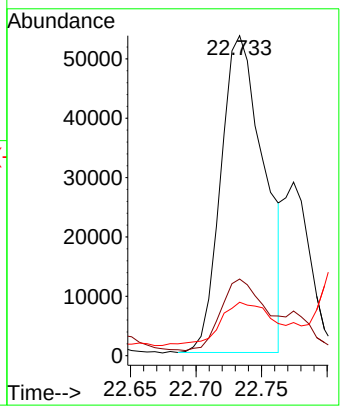


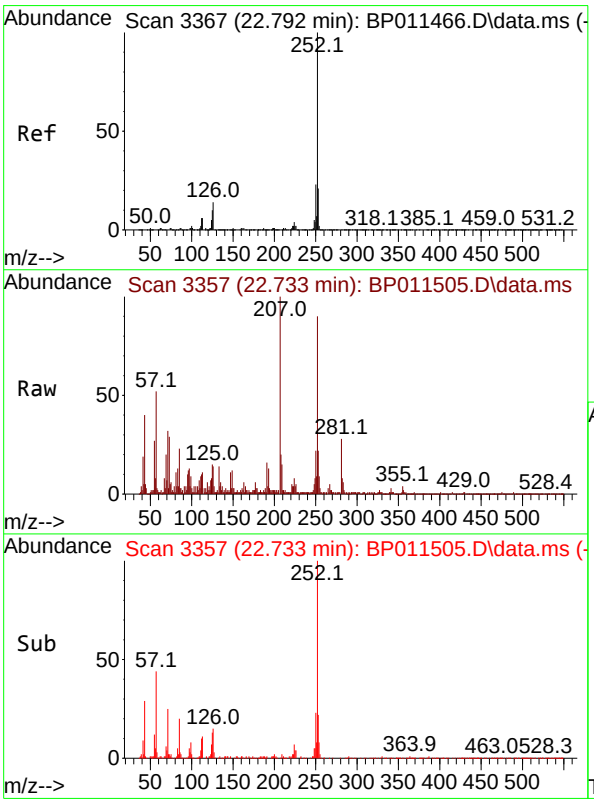
#90
Benzo(b)fluoranthene
Concen: 4.727 ng/ul
RT: 22.733 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP011505.D
Acq: 19 Aug 2022 13:44

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 122487

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	16.7	9.0	13.4#

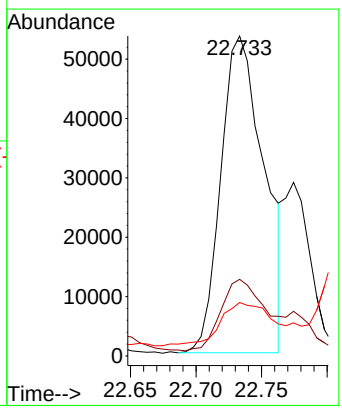


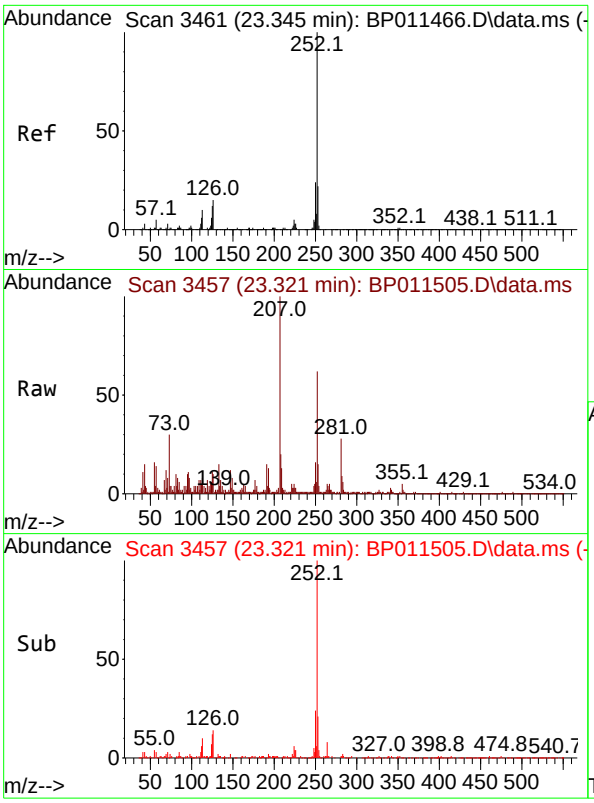


#91
Benzo(k)fluoranthene
Concen: 4.954 ng/ul
RT: 22.733 min Scan# 3357
Delta R.T. -0.041 min
Lab File: BP011505.D
Acq: 19 Aug 2022 13:44

Tgt Ion:252 Resp: 122487

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	16.7	9.8	14.8#



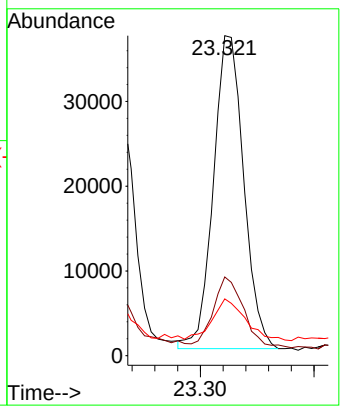


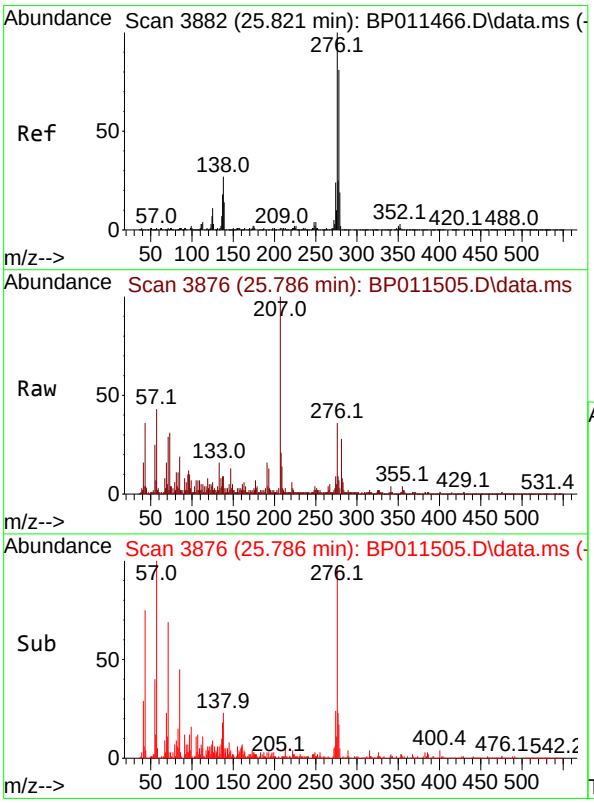
#93
Benzo(a)pyrene
Concen: 2.709 ng/ul
RT: 23.321 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP011505.D
Acq: 19 Aug 2022 13:44

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 68519

Ion	Ratio	Lower	Upper
252	100		
253	24.6	16.8	25.2
125	17.8	9.9	14.9#

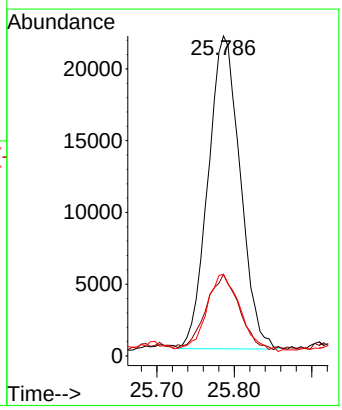


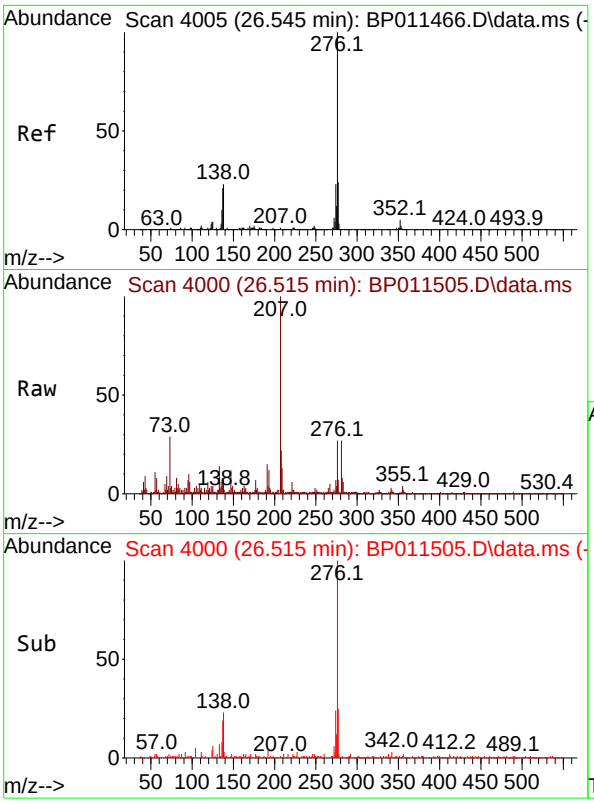


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.222 ng/ul
RT: 25.786 min Scan# 3876
Delta R.T. -0.000 min
Lab File: BP011505.D
Acq: 19 Aug 2022 13:44

Tgt Ion:276 Resp: 62690

Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.2	30.4
277	25.5	20.1	30.1





#96
Benzo(g,h,i)perylene
Concen: 2.228 ng/ul
RT: 26.515 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP011505.D
Acq: 19 Aug 2022 13:44

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 53477

Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.4	29.2
277	27.3	19.1	28.7