Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020158.D
Acq On : 02 May 2024 23:40
Operator : MA/JU
Sample : P2305-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AL2

Quant Time: May 03 02:01:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 00:38:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	88229	20.000	ng/ul	0.00
20) Naphthalene-d8	10.399	136	392231	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	291945	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.134	188	670023	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	678404	20.000	ng/ul	0.00
88) Perylene-d12	25.010	264	665470	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	10476	5.015	ng/uL	0.00
4) Pyridine-d5	3.622	84	96764	15.941	ng/ul	0.00
7) Phenol-d5	6.822	99	83479	11.017	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.981	67	177934	38.658	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	180598	33.341	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	157260	25.672	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	114735	39.064	ng/ul	0.00
24) 2-Nitrophenol-d4	9.499	143	131628	39.134	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	237914	38.762	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	220716	25.693	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	903220	42.366	ng/ul	0.00
49) Acenaphthylene-d8	13.987	160	947718	40.241	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	40175	12.261	ng/ul	0.03
60) Fluorene-d10	15.328	176	774438	43.551	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	169816	39.940	ng/ul	0.00
73) Anthracene-d10	17.245	188	1265937	43.675	ng/ul	0.00
81) Pyrene-d10	19.639	212	1603399	40.433	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.763	264	1399632	43.499	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.452	128	274318	13.569	ng/ul	99
37) 1-Methylnaphthalene	12.304	142	17050	1.204	ng/ul	96
52) Acenaphthene	14.375	153	2459316	138.154	ng/ul	99
61) Fluorene	15.381	166	785241	38.601	ng/ul	97
74) Anthracene	17.281	178	113821	3.274	ng/ul	98
77) Carbazole	17.575	167	169769	5.668	ng/ul	99
80) Fluoranthene	19.292	202	482237	10.333	ng/ul	100
82) Pyrene	19.669	202	260671	5.368	ng/ul	97

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

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Instrument :
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Quant Title : SVOA CALIBRATION
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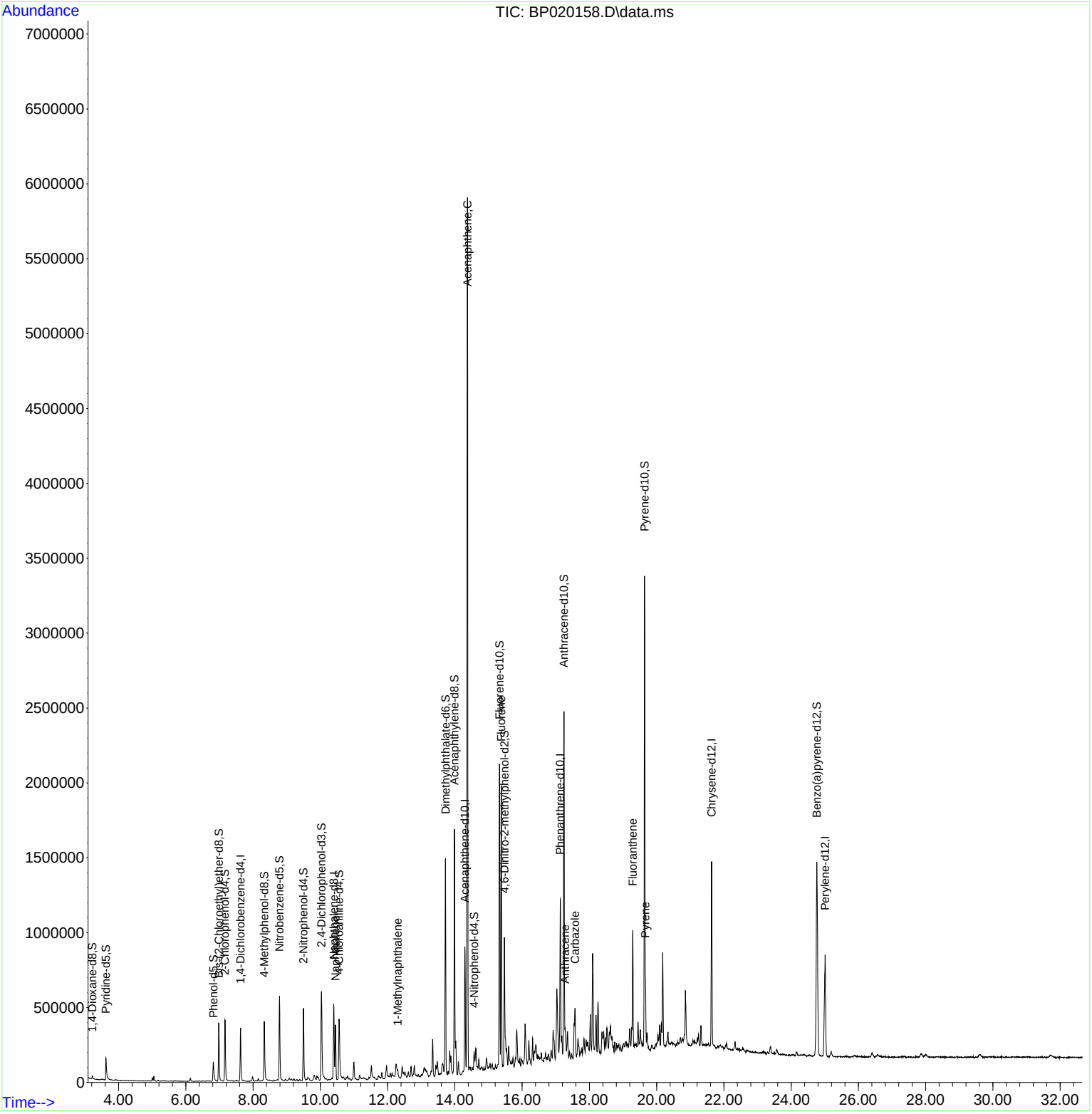
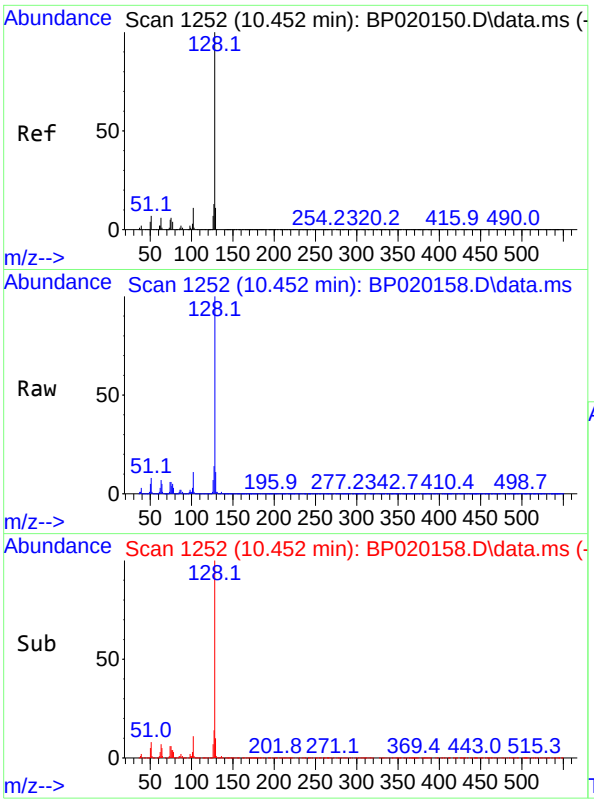


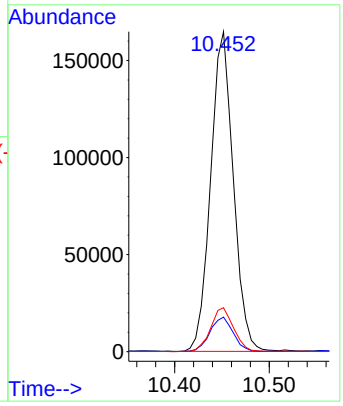


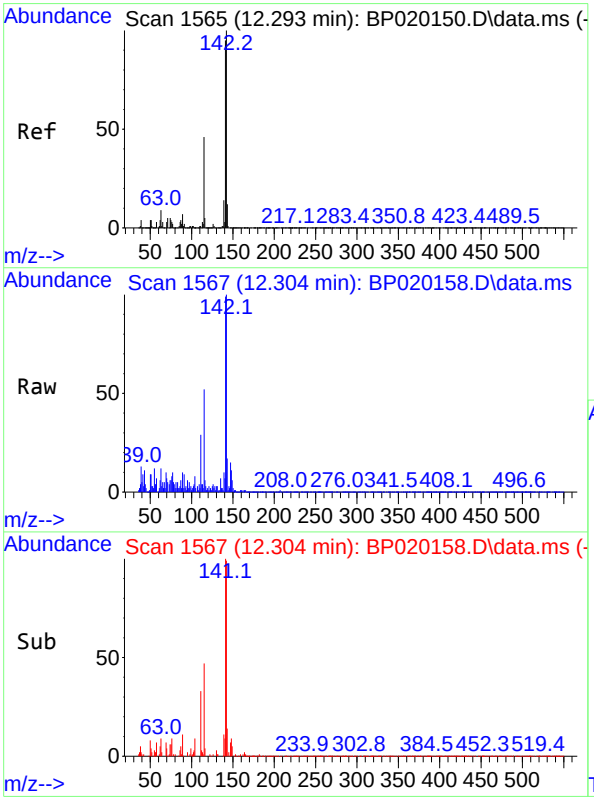
#30
Naphthalene
Concen: 13.569 ng/ul
RT: 10.452 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP020158.D
Acq: 02 May 2024 23:40

Instrument :
BNA_P
ClientSampleId :
C0AL2

Tgt Ion:128 Resp: 274318

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.8	10.6	16.0

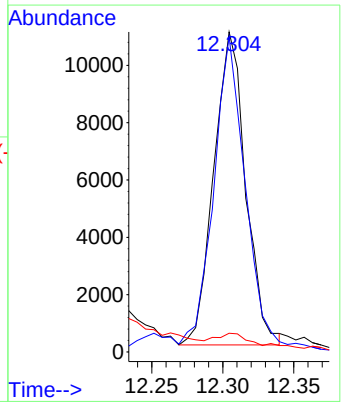


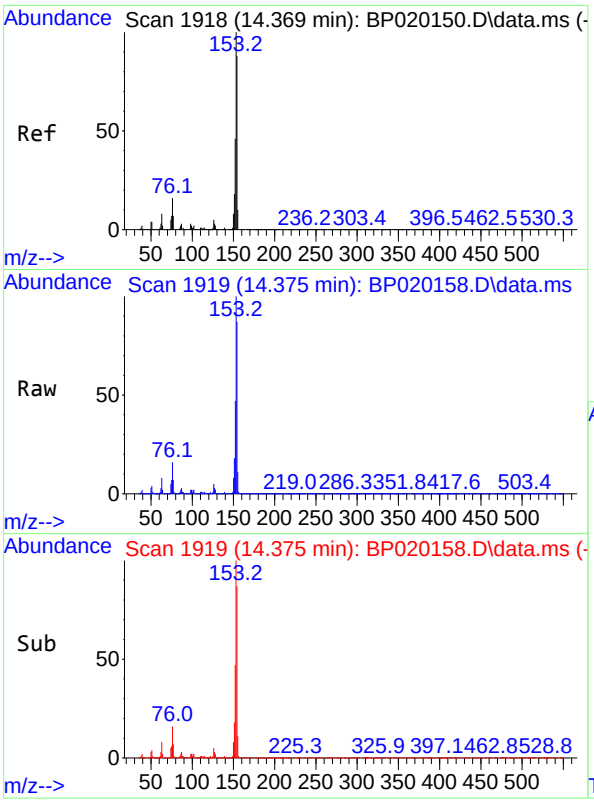


#37
1-Methylnaphthalene
Concen: 1.204 ng/ul
RT: 12.304 min Scan# 1567
Delta R.T. 0.012 min
Lab File: BP020158.D
Acq: 02 May 2024 23:40

Tgt Ion:142 Resp: 17050

Ion	Ratio	Lower	Upper
142	100		
141	98.5	75.5	113.3
116	5.9	3.9	5.9



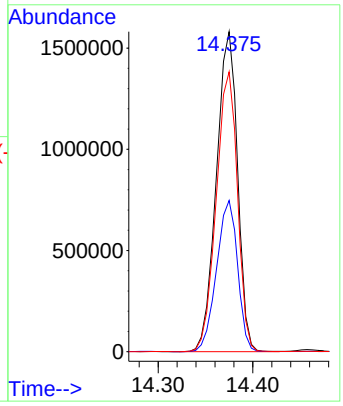


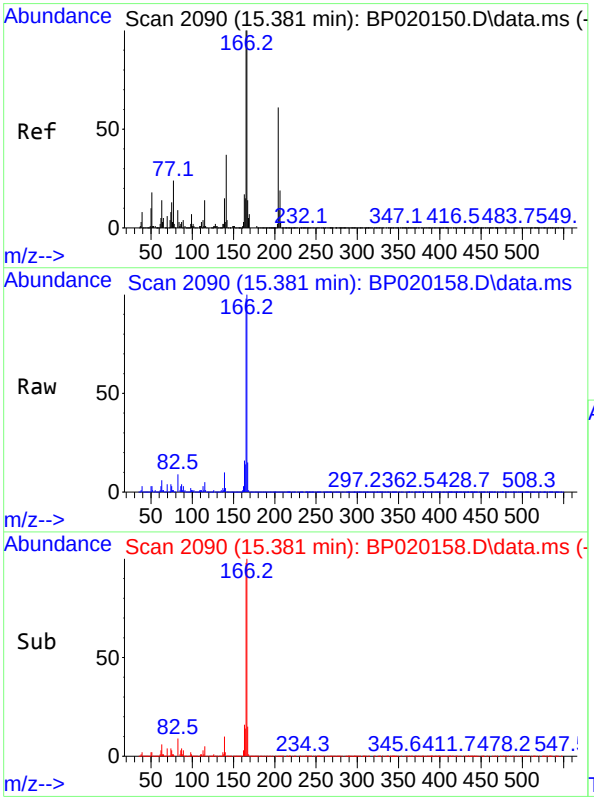
#52
Acenaphthene
Concen: 138.154 ng/ul
RT: 14.375 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP020158.D
Acq: 02 May 2024 23:40

Instrument :
BNA_P
ClientSampleId :
C0AL2

Tgt Ion:153 Resp: 2459316

Ion	Ratio	Lower	Upper
153	100		
152	47.3	37.4	56.2
154	87.5	70.3	105.5

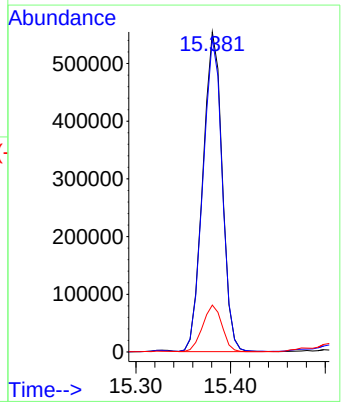


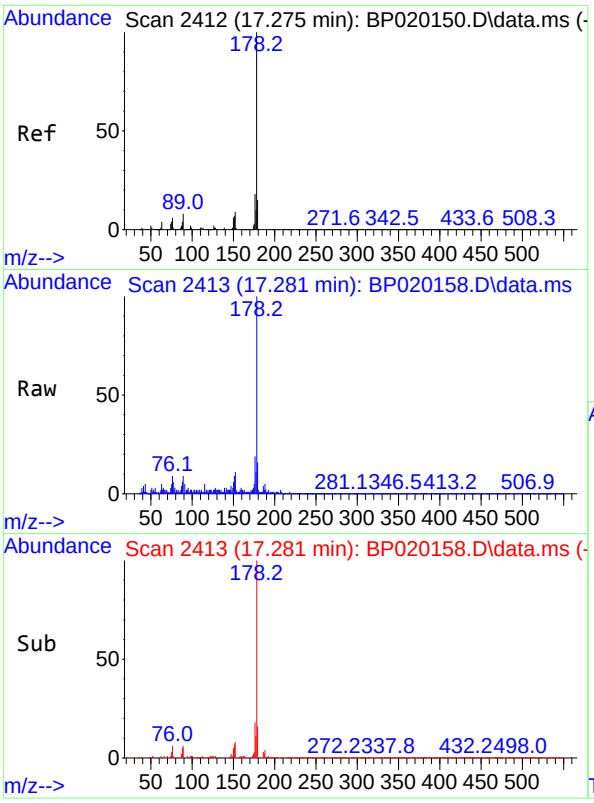


#61
Fluorene
Concen: 38.601 ng/ul
RT: 15.381 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BP020158.D
Acq: 02 May 2024 23:40

Tgt Ion:166 Resp: 785241

Ion	Ratio	Lower	Upper
166	100		
165	98.1	76.2	114.2
167	14.7	10.3	15.5



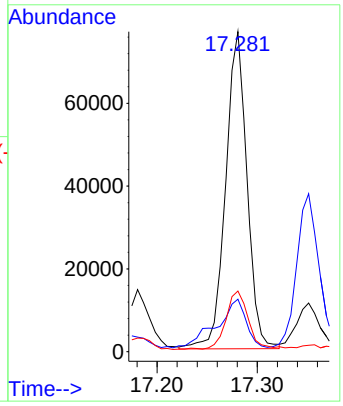


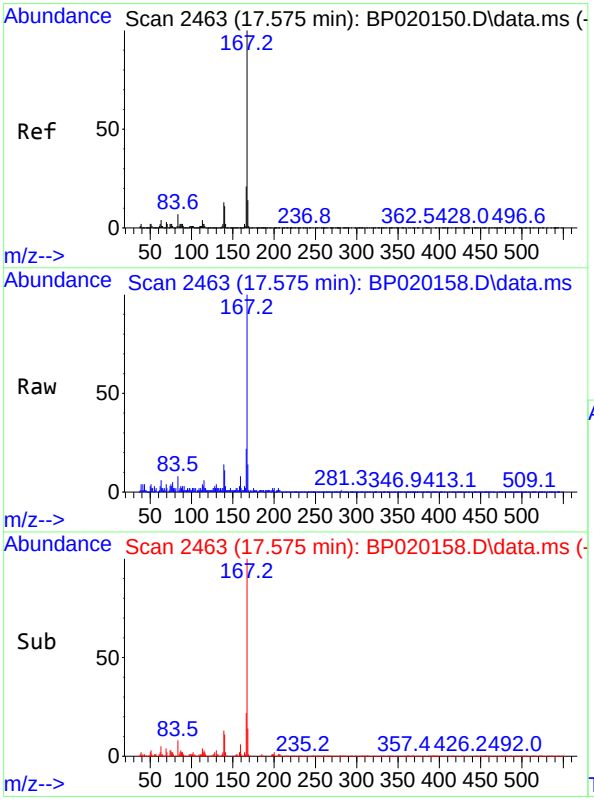
#74
Anthracene
Concen: 3.274 ng/ul
RT: 17.281 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP020158.D
Acq: 02 May 2024 23:40

Instrument :
BNA_P
ClientSampleId :
C0AL2

Tgt Ion:178 Resp: 113821

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.0	18.0
176	18.9	14.8	22.2

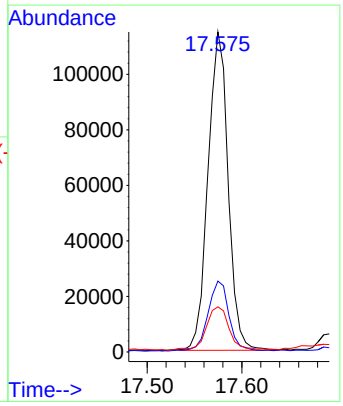


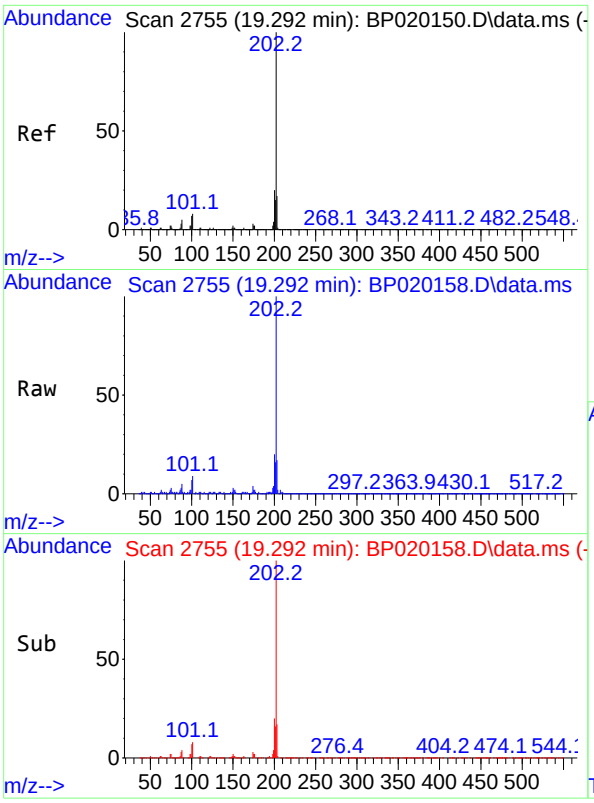


#77
Carbazole
Concen: 5.668 ng/ul
RT: 17.575 min Scan# 2463
Delta R.T. -0.000 min
Lab File: BP020158.D
Acq: 02 May 2024 23:40

Tgt Ion:167 Resp: 169769

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.0
139	14.1	11.0	16.4



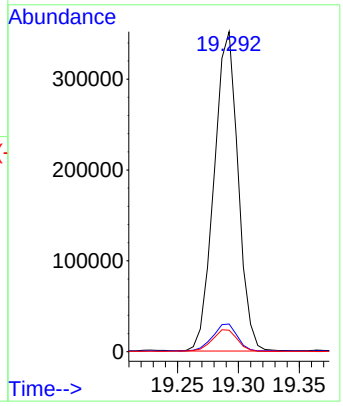


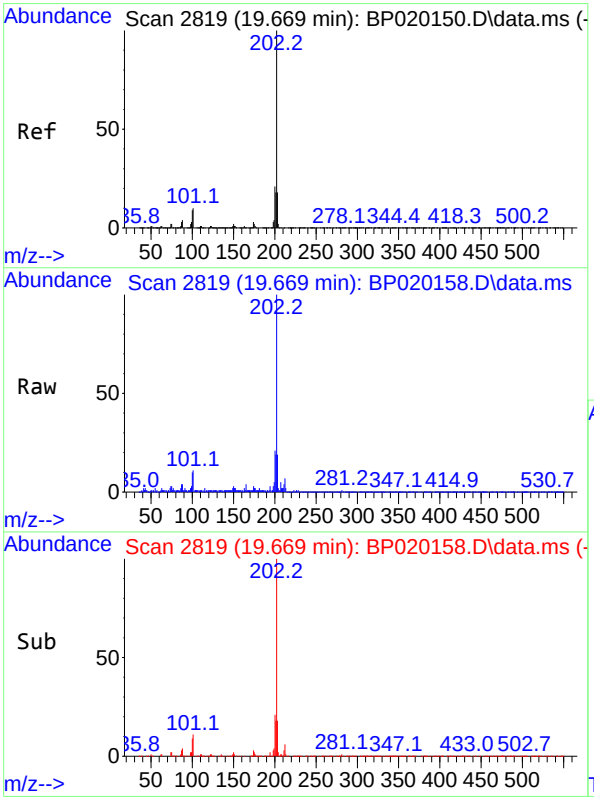
#80
Fluoranthene
Concen: 10.333 ng/ul
RT: 19.292 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP020158.D
Acq: 02 May 2024 23:40

Instrument :
BNA_P
ClientSampleId :
C0AL2

Tgt Ion:202 Resp: 482237

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.0	10.4
100	6.7	5.5	8.3





#82
Pyrene
Concen: 5.368 ng/ul
RT: 19.669 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BP020158.D
Acq: 02 May 2024 23:40

Tgt Ion:202 Resp: 260671

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.1	12.1
100	9.6	6.8	10.2