Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015171.D
Acq On : 19 May 2023 14:14
Operator : CG/JU
Sample : 02664-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA6

Quant Time: May 19 22:11:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 01:07:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	220802	20.000	ng/ul	0.00
20) Naphthalene-d8	10.957	136	1099193	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	704562	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	1656458	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	1380146	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1452045	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	14606	2.570	ng/uL	0.00
4) Pyridine-d5	3.870	84	531	0.033	ng/ul	0.00
7) Phenol-d5	7.275	99	284964	13.900	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	178501	15.076	ng/ul	0.00
11) 2-Chlorophenol-d4	7.646	132	224219	14.875	ng/ul	0.00
15) 4-Methylphenol-d8	8.834	113	197969	12.119	ng/ul	0.00
21) Nitrobenzene-d5	9.299	128	117895	13.649	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	139361	14.501	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	251739	14.516	ng/ul	0.00
31) 4-Chloroaniline-d4	11.093	131	274749	10.708	ng/ul	0.00
46) Dimethylphthalate-d6	14.163	166	966635	18.156	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	1069994	17.572	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	127292	12.313	ng/ul	0.00
60) Fluorene-d10	15.751	176	836196	18.613	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	116298	11.141	ng/ul	0.00
73) Anthracene-d10	17.616	188	1363960	17.982	ng/ul	0.00
81) Pyrene-d10	19.833	212	1598528	19.970	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	1389911	19.283	ng/ul	-0.01
Target Compounds						Qvalue
16) Acetophenone	8.957	105	101158	3.968	ng/ul	97
71) Pentachlorophenol	17.163	266	70109	5.559	ng/ul	97
72) Phenanthrene	17.557	178	94267	1.045	ng/ul	99
74) Anthracene	17.557	178	95127	1.043	ng/ul	99
80) Fluoranthene	19.510	202	174848	1.792	ng/ul	99
82) Pyrene	19.863	202	159673	1.585	ng/ul	98
85) Benzo(a)anthracene	21.627	228	166817	1.748	ng/ul	94
87) Chrysene	21.627	228	166026	1.820	ng/ul	98
90) Benzo(b)fluoranthene	23.363	252	261650	2.842	ng/ul#	95
91) Benzo(k)fluoranthene	23.363	252	261817	2.962	ng/ul#	95
93) Benzo(a)pyrene	24.039	252	96467	1.186	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.851	276	113651	1.079	ng/ul	98
96) Benzo(g,h,i)perylene	27.686	276	106815	1.243	ng/ul	98

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

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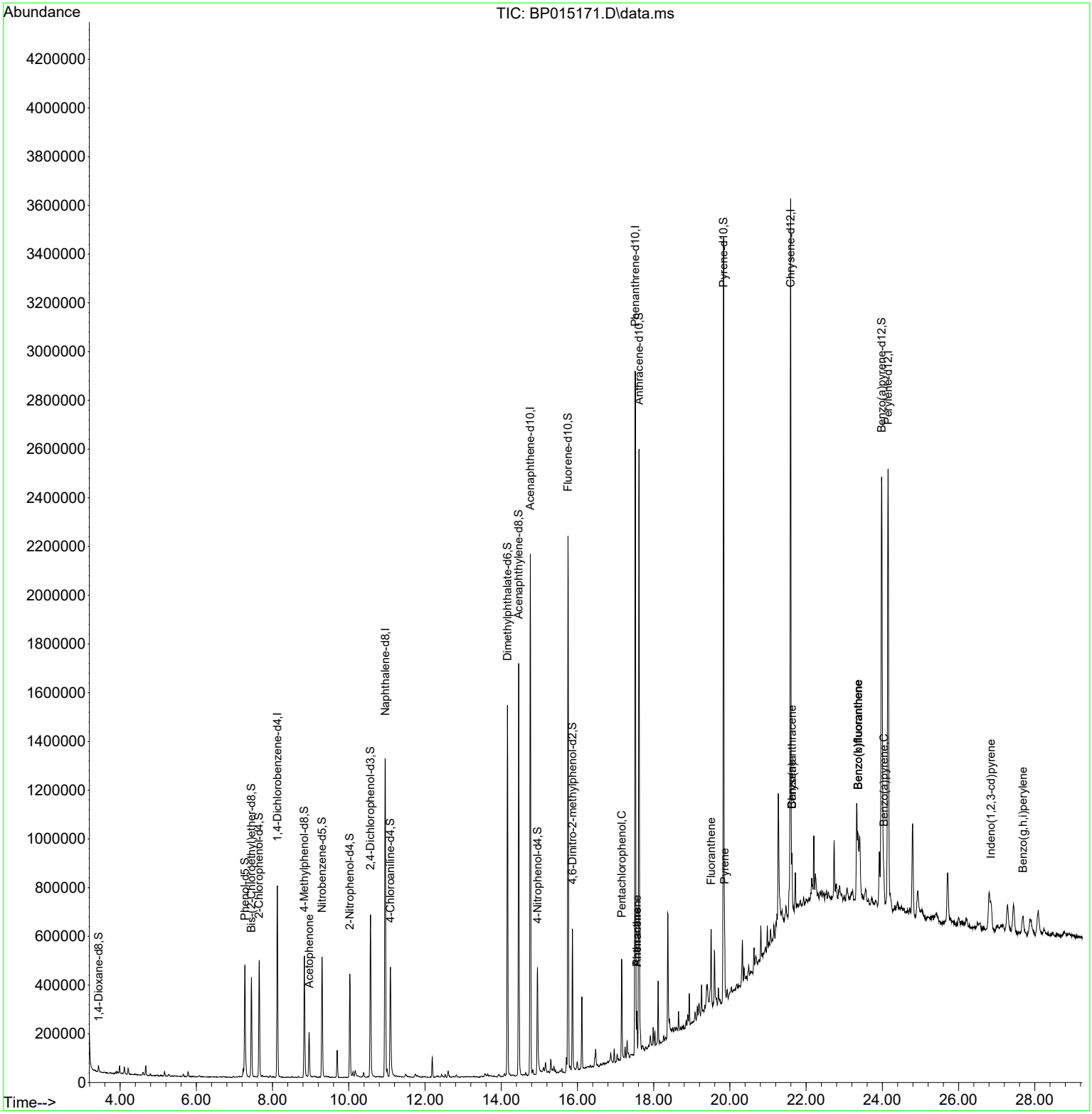
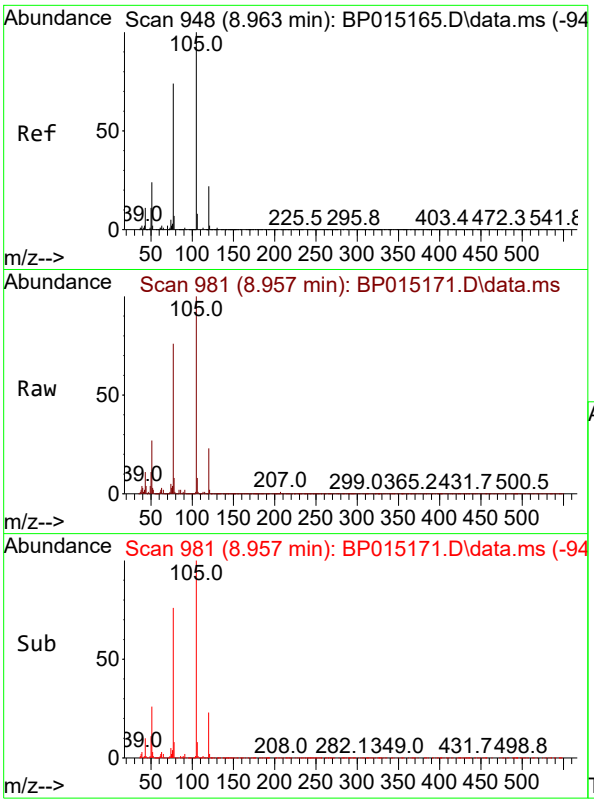
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 01:07:51 2023
Response via : Initial Calibration



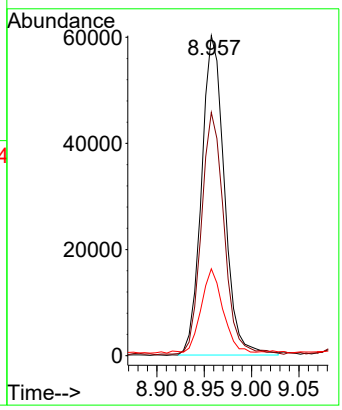


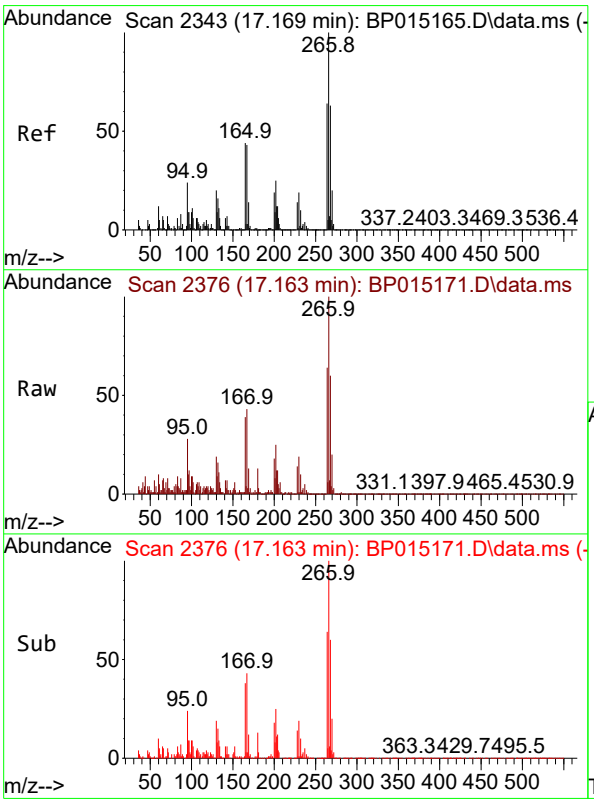
#16
Acetophenone
Concen: 3.968 ng/ul
RT: 8.957 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP015171.D
Acq: 19 May 2023 14:14

Instrument :
BNA_P
ClientSampleId :
JREA6

Tgt Ion:105 Resp: 101158

Ion	Ratio	Lower	Upper
105	100		
77	76.0	59.4	89.2
51	27.2	19.2	28.8

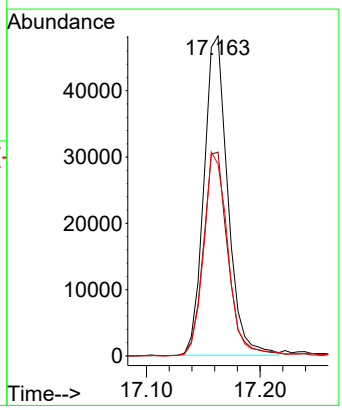


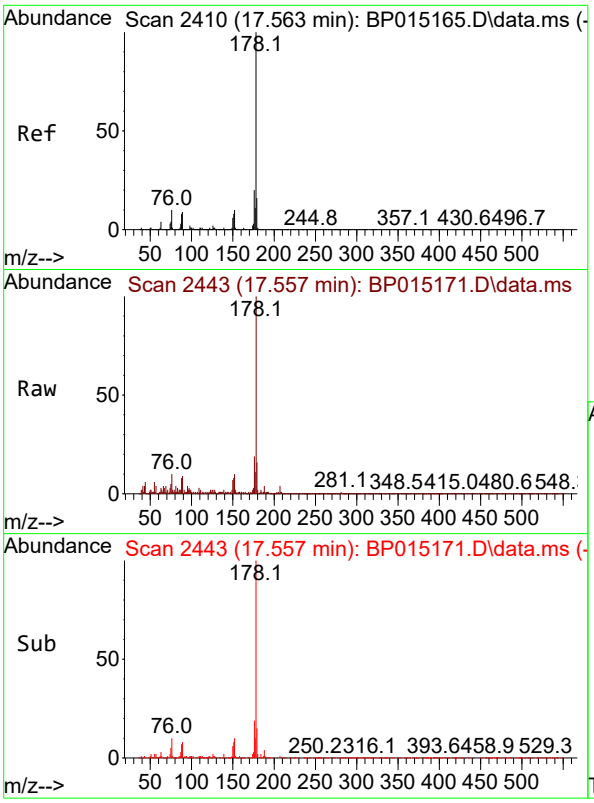


#71
Pentachlorophenol
Concen: 5.559 ng/ul
RT: 17.163 min Scan# 2376
Delta R.T. 0.000 min
Lab File: BP015171.D
Acq: 19 May 2023 14:14

Tgt Ion:266 Resp: 70109

Ion	Ratio	Lower	Upper
266	100		
264	63.7	51.0	76.4
268	60.0	51.8	77.6



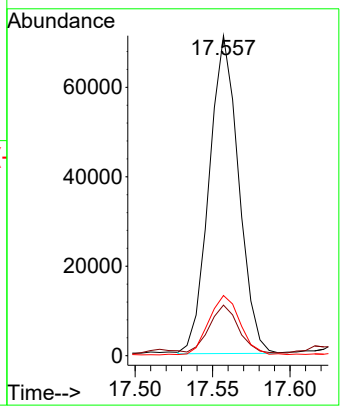


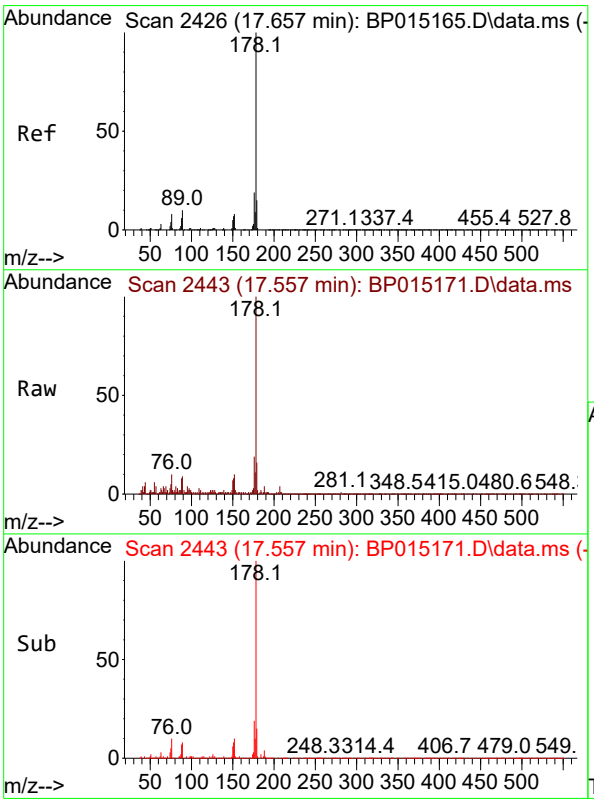
#72
Phenanthrene
Concen: 1.045 ng/ul
RT: 17.557 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP015171.D
Acq: 19 May 2023 14:14

Instrument :
BNA_P
ClientSampleId :
JREA6

Tgt Ion:178 Resp: 94267

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.2
176	18.8	15.6	23.4

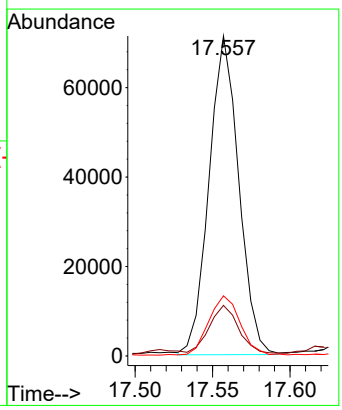


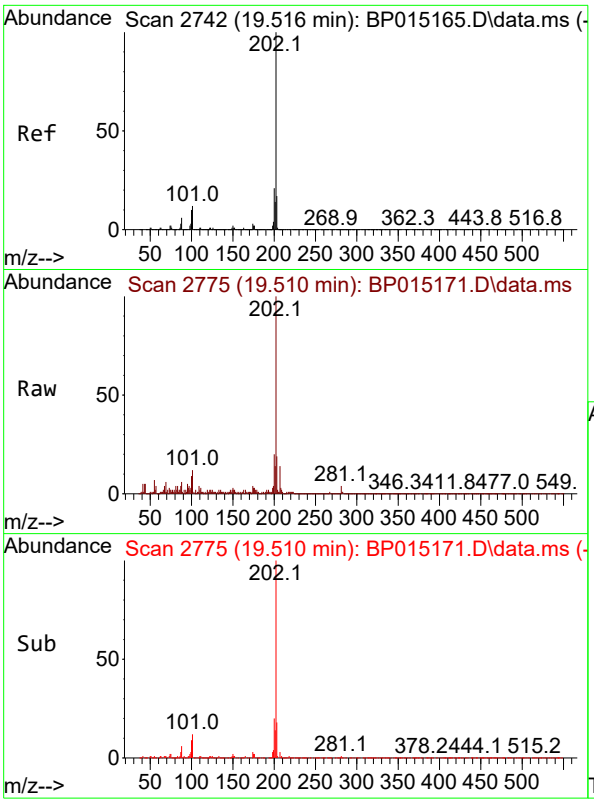


#74
Anthracene
Concen: 1.043 ng/ul
RT: 17.557 min Scan# 2443
Delta R.T. -0.100 min
Lab File: BP015171.D
Acq: 19 May 2023 14:14

Tgt Ion:178 Resp: 95127

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.2
176	18.8	15.2	22.8



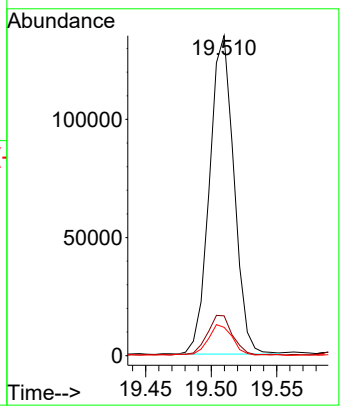


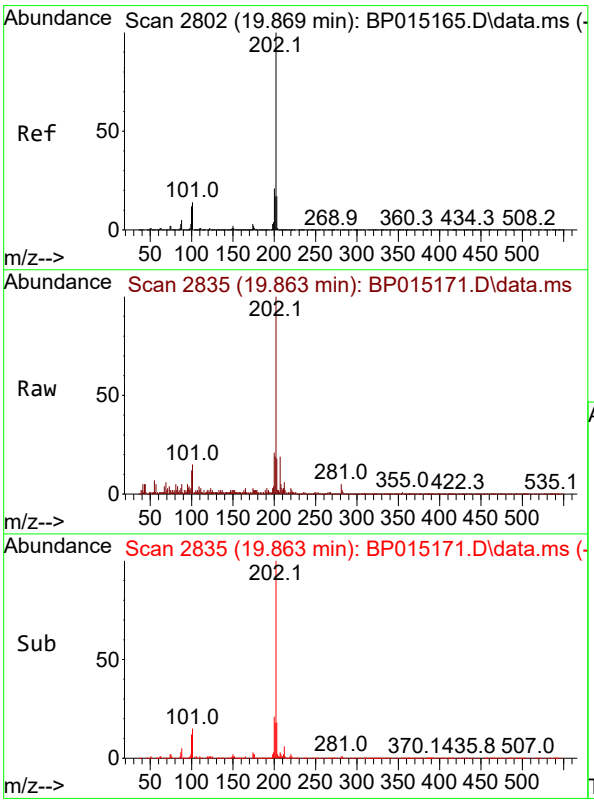
#80
Fluoranthene
Concen: 1.792 ng/ul
RT: 19.510 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP015171.D
Acq: 19 May 2023 14:14

Instrument :
BNA_P
ClientSampleId :
JREA6

Tgt Ion:202 Resp: 174848

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.5	14.3
100	8.9	7.3	10.9

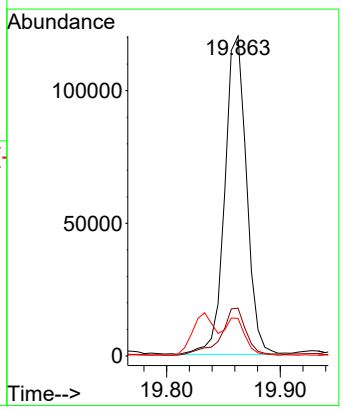


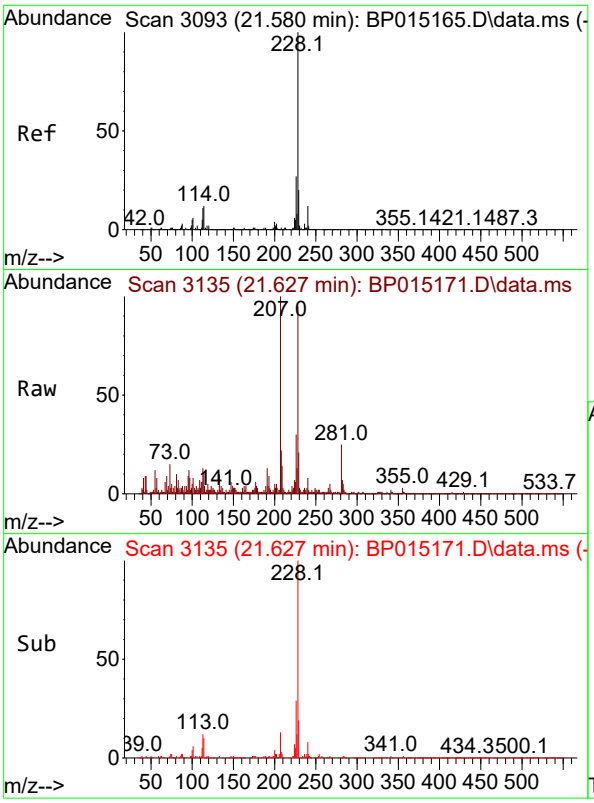


#82
Pyrene
Concen: 1.585 ng/ul
RT: 19.863 min Scan# 2835
Delta R.T. -0.006 min
Lab File: BP015171.D
Acq: 19 May 2023 14:14

Tgt Ion:202 Resp: 159673

Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.2	16.8
100	11.7	9.0	13.6



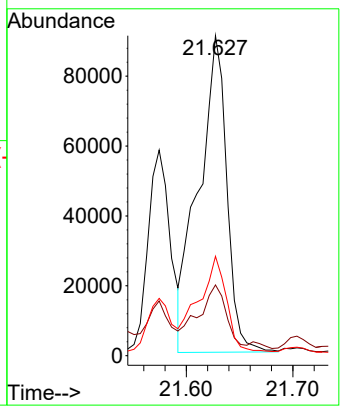


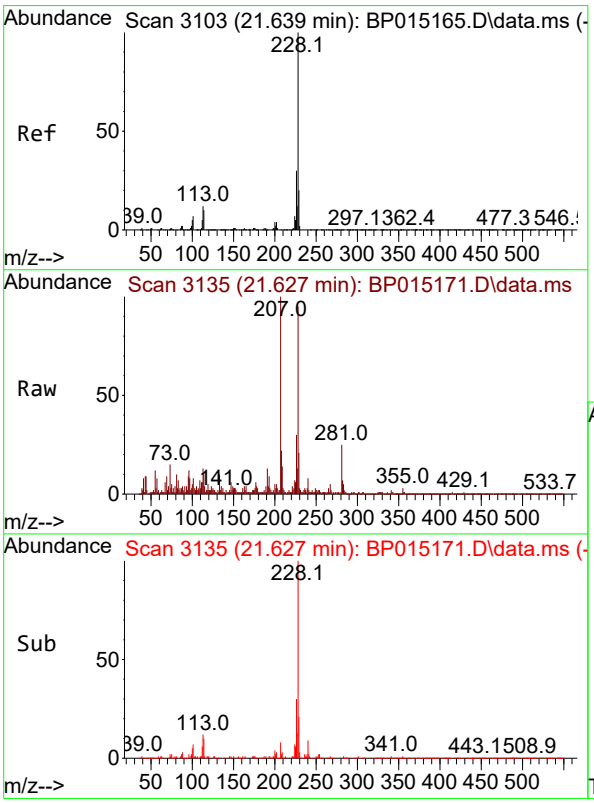
#85
Benzo(a)anthracene
Concen: 1.748 ng/ul
RT: 21.627 min Scan# 3
Delta R.T. 0.047 min
Lab File: BP015171.D
Acq: 19 May 2023 14:14

Instrument :
BNA_P
ClientSampleId :
JREA6

Tgt Ion:228 Resp: 166817

Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.1	24.1
226	31.0	21.9	32.9

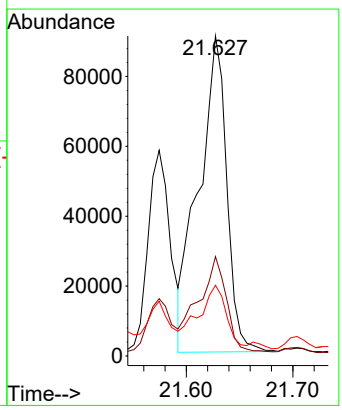


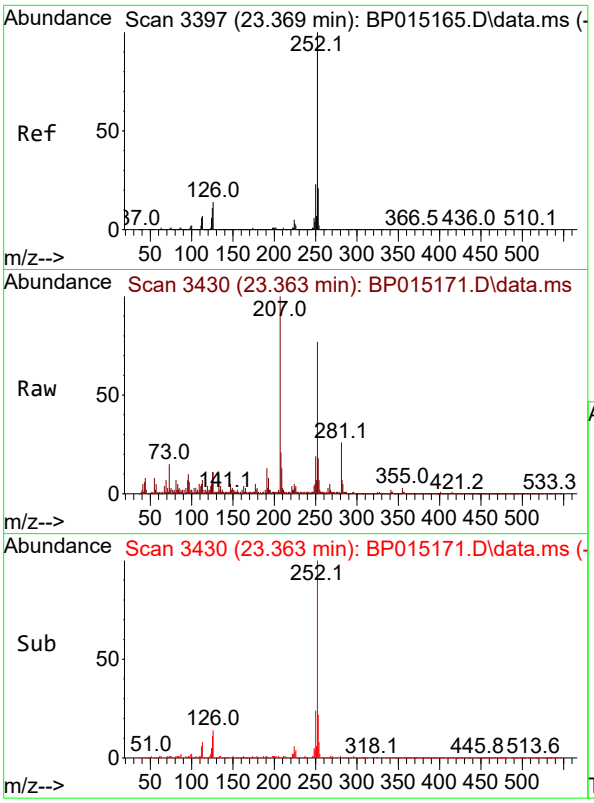


#87
Chrysene
Concen: 1.820 ng/ul
RT: 21.627 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BP015171.D
Acq: 19 May 2023 14:14

Tgt Ion:228 Resp: 166026

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	22.1	16.1	24.1



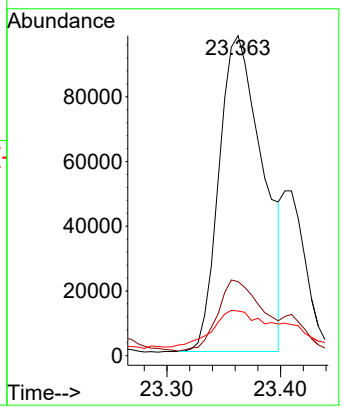


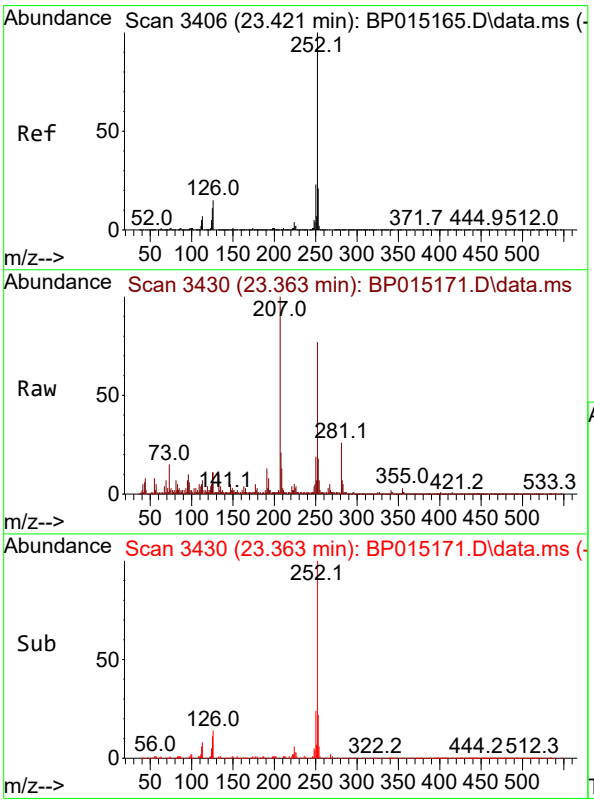
#90
Benzo(b)fluoranthene
Concen: 2.842 ng/ul
RT: 23.363 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP015171.D
Acq: 19 May 2023 14:14

Instrument :
BNA_P
ClientSampleId :
JREA6

Tgt Ion:252 Resp: 261650

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	13.9	8.3	12.5#

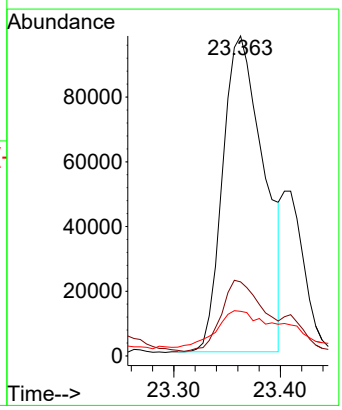


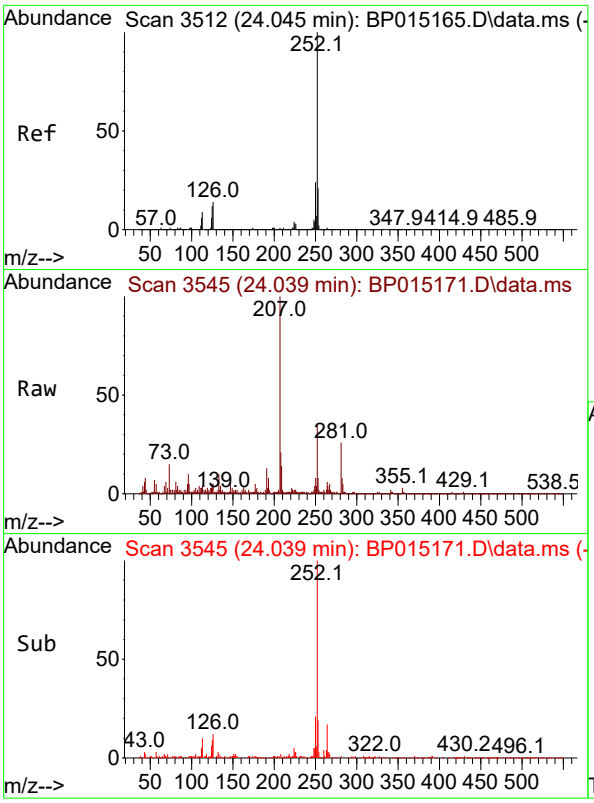


#91
Benzo(k)fluoranthene
Concen: 2.962 ng/ul
RT: 23.363 min Scan# 3430
Delta R.T. -0.059 min
Lab File: BP015171.D
Acq: 19 May 2023 14:14

Tgt Ion:252 Resp: 261817

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	13.9	8.5	12.7#



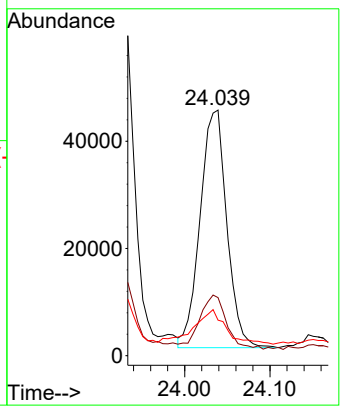


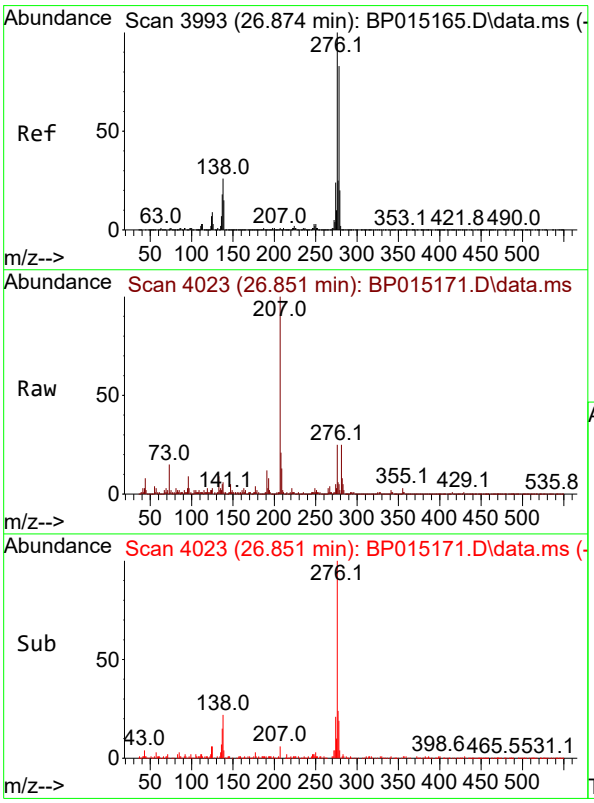
#93
Benzo(a)pyrene
Concen: 1.186 ng/ul
RT: 24.039 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP015171.D
Acq: 19 May 2023 14:14

Instrument :
BNA_P
ClientSampleId :
JREA6

Tgt Ion:252 Resp: 96467

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	14.4	9.1	13.7#

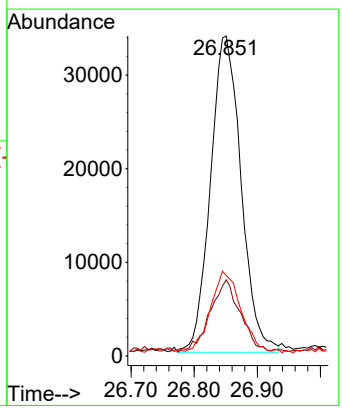


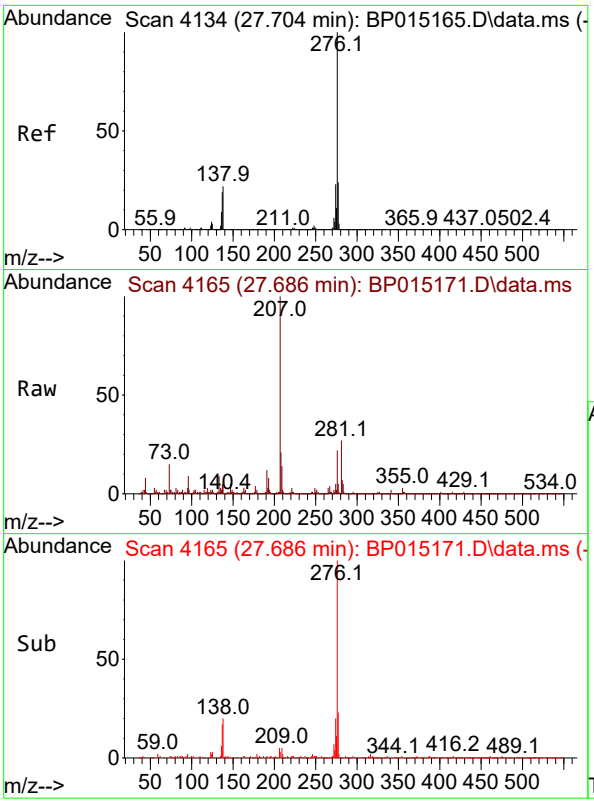


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.079 ng/ul
RT: 26.851 min Scan# 4023
Delta R.T. -0.018 min
Lab File: BP015171.D
Acq: 19 May 2023 14:14

Tgt Ion:276 Resp: 113651

Ion	Ratio	Lower	Upper
276	100		
138	23.8	20.1	30.1
277	25.2	19.8	29.8





#96
Benzo(g,h,i)perylene
Concen: 1.243 ng/ul
RT: 27.686 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP015171.D
Acq: 19 May 2023 14:14

Instrument :
BNA_P
ClientSampleId :
JREA6

Tgt Ion:276 Resp: 106815

Ion	Ratio	Lower	Upper
276	100		
138	20.9	17.7	26.5
277	24.1	18.8	28.2