Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

Quant Time: Jul 03 22:12:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	191429	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	871500	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.699	164	536364	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1141136	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	765744	20.000	ng/ul	# 0.00
88) Perylene-d12	24.086	264	779157	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	23986	4.508	ng/uL	0.00
4) Pyridine-d5	3.823	84	234702	17.499	ng/ul	0.00
7) Phenol-d5	7.240	99	458135	27.971	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.369	67	324339	32.007	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	383234	30.996	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	332824	25.722	ng/ul	0.02
21) Nitrobenzene-d5	9.240	128	188858	28.356	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	210767	27.114	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.552	165	345365	24.932	ng/ul	0.04
31) 4-Chloroaniline-d4	11.063	131	309129	17.372	ng/ul	0.04
46) Dimethylphthalate-d6	14.110	166	1216918	29.354	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	1392486	29.880	ng/ul	0.00
54) 4-Nitrophenol-d4	15.004	143	118251	21.615	ng/ul	0.05
60) Fluorene-d10	15.698	176	1052273	30.826	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	100008	14.250	ng/ul	0.02
73) Anthracene-d10	17.557	188	1515562	29.076	ng/ul	0.00
81) Pyrene-d10	19.786	212	1703363	34.066	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.922	264	1244276	31.658	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.498	178	491716	7.932	ng/ul	100
74) Anthracene	17.498	178	491716	7.894	ng/ul	98
77) Carbazole	17.887	167	79747	1.519	ng/ul	100
80) Fluoranthene	19.457	202	1408814	22.671	ng/ul#	93
82) Pyrene	19.816	202	1088537	17.172	ng/ul#	91
85) Benzo(a)anthracene	21.528	228	500805	9.297	ng/ul	96
87) Chrysene	21.586	228	611196	11.959	ng/ul	97
90) Benzo(b)fluoranthene	23.310	252	803996	16.059	ng/ul#	94
91) Benzo(k)fluoranthene	23.310	252	803996	15.895	ng/ul#	93
93) Benzo(a)pyrene	23.974	252	476267	10.887	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.786	276	380550	6.408	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.780	278	105014	2.153	ng/ul#	77
96) Benzo(g,h,i)perylene	27.627	276	320339	6.557	ng/ul#	92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
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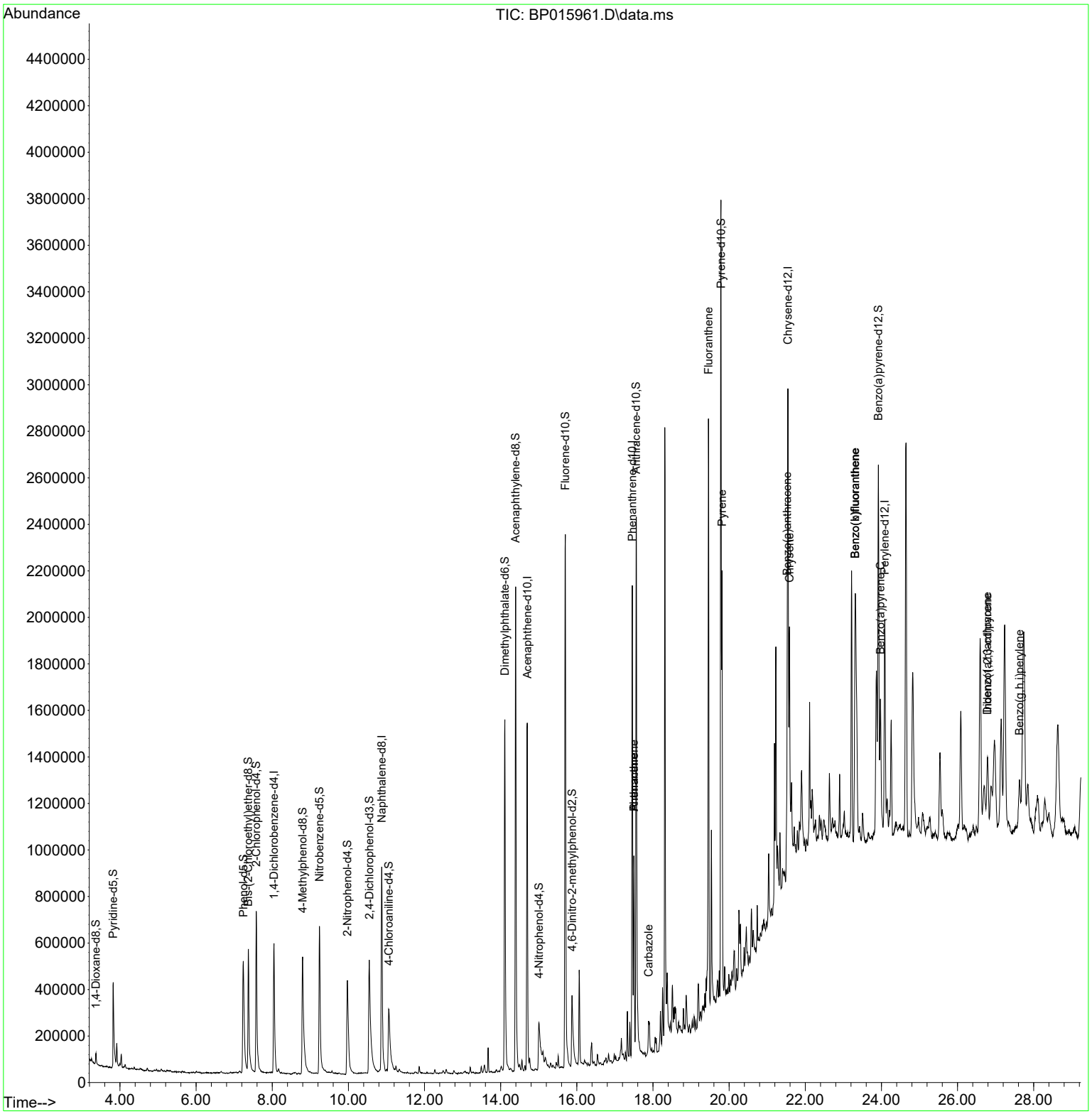
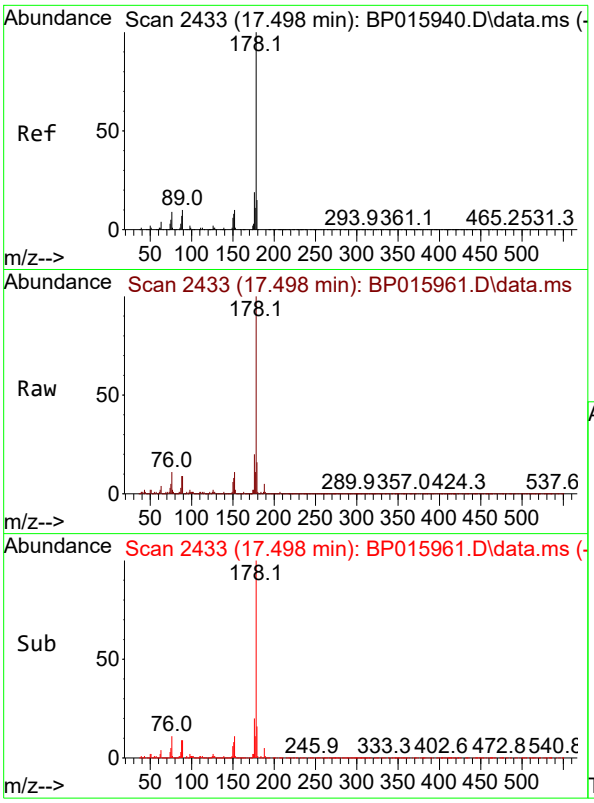
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

Quant Time: Jul 03 22:12:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration



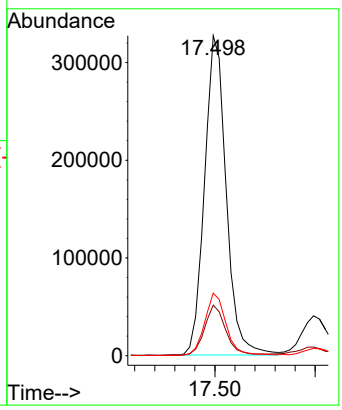


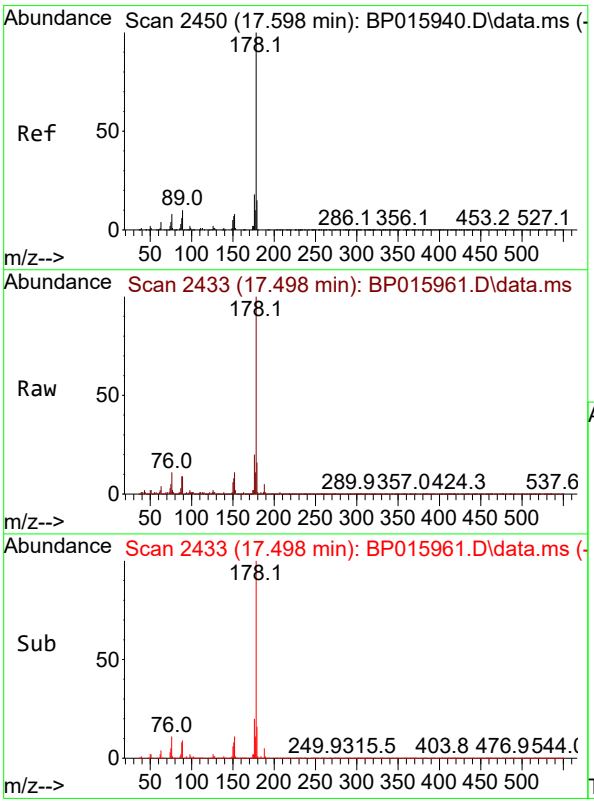
#72
Phenanthrene
Concen: 7.932 ng/ul
RT: 17.498 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP015961.D
Acq: 03 Jul 2023 21:09

Instrument :
BNA_P
ClientSampleId :
DCGK4

Tgt Ion:178 Resp: 491716

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.4	18.6
176	19.6	15.6	23.4

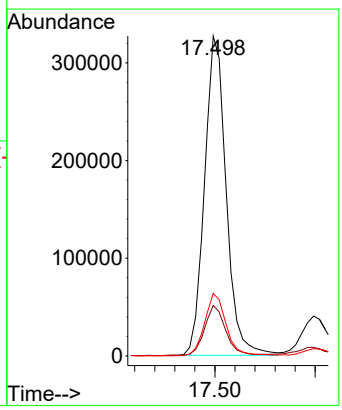


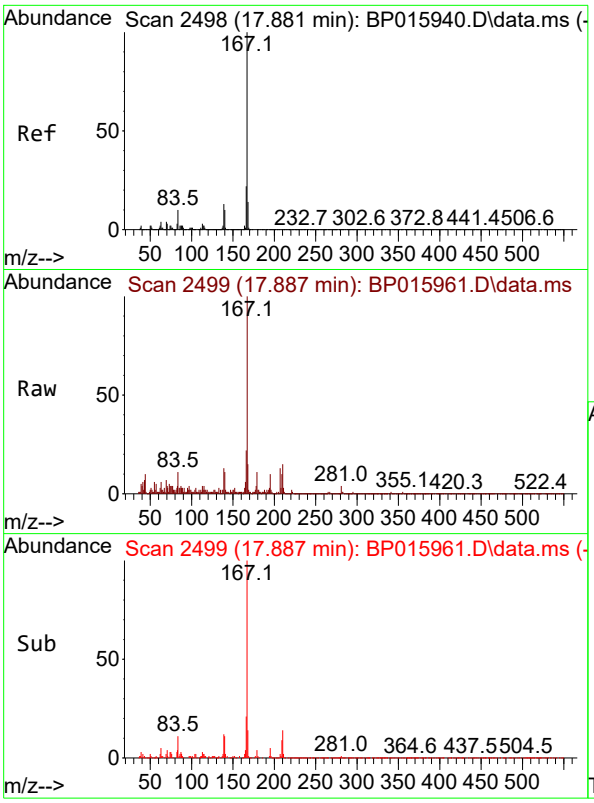


#74
Anthracene
Concen: 7.894 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. -0.100 min
Lab File: BP015961.D
Acq: 03 Jul 2023 21:09

Tgt Ion:178 Resp: 491716

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.1	18.1
176	19.6	14.6	22.0



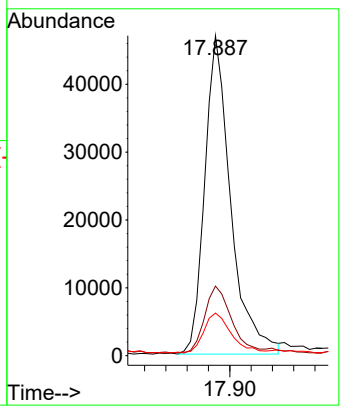


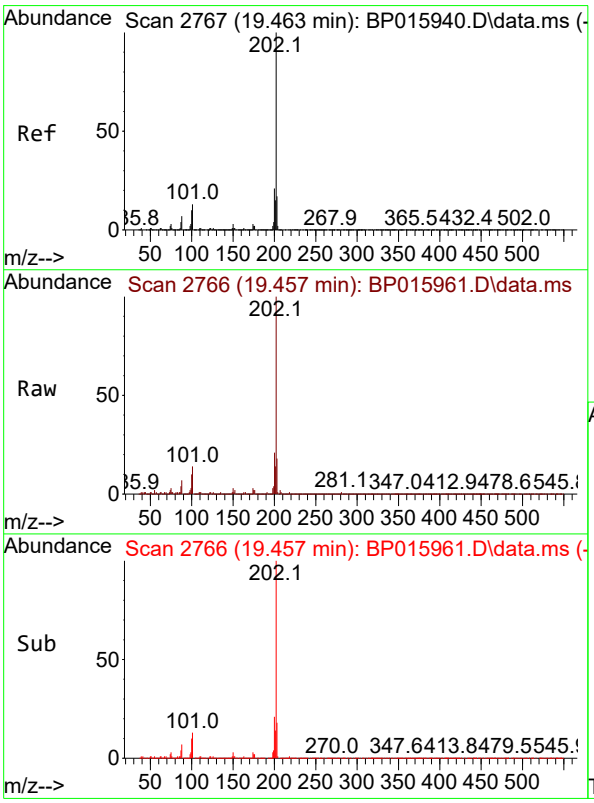
#77
Carbazole
Concen: 1.519 ng/ul
RT: 17.887 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP015961.D
Acq: 03 Jul 2023 21:09

Instrument :
BNA_P
ClientSampleId :
DCGK4

Tgt Ion:167 Resp: 79747

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.3	11.0	16.4

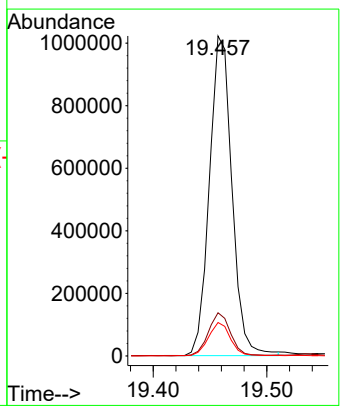


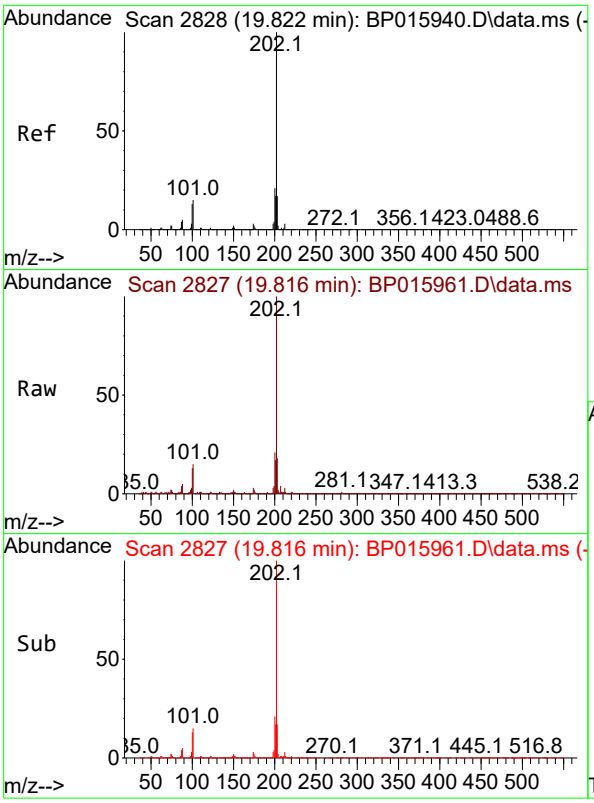


#80
Fluoranthene
Concen: 22.671 ng/ul
RT: 19.457 min Scan# 2766
Delta R.T. -0.005 min
Lab File: BP015961.D
Acq: 03 Jul 2023 21:09

Tgt Ion:202 Resp: 1408814

Ion	Ratio	Lower	Upper
202	100		
101	13.5	8.3	12.5#
100	10.5	6.6	9.8#



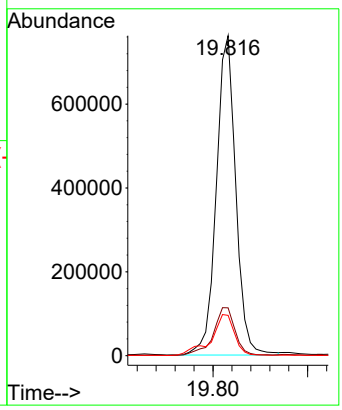


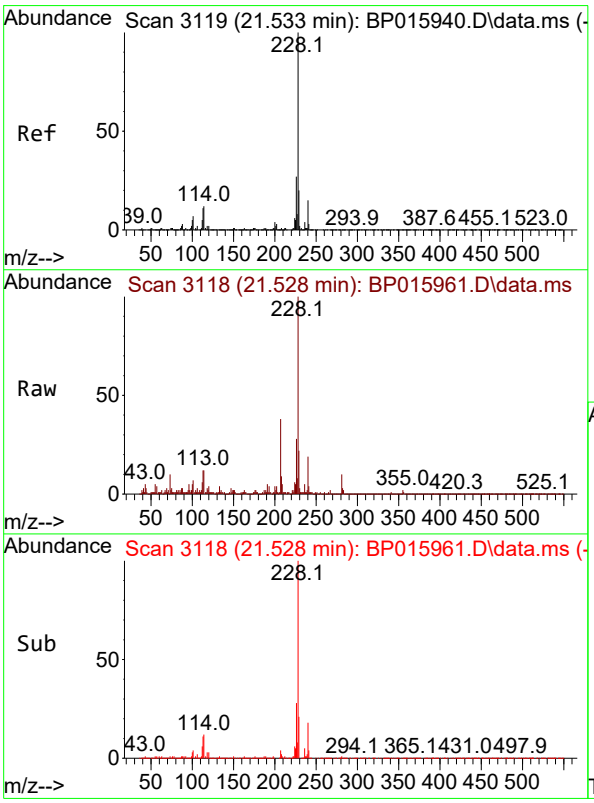
#82
Pyrene
Concen: 17.172 ng/ul
RT: 19.816 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP015961.D
Acq: 03 Jul 2023 21:09

Instrument :
BNA_P
ClientSampleId :
DCGK4

Tgt Ion:202 Resp: 1088537

Ion	Ratio	Lower	Upper
202	100		
101	14.9	9.3	13.9#
100	12.6	7.6	11.4#

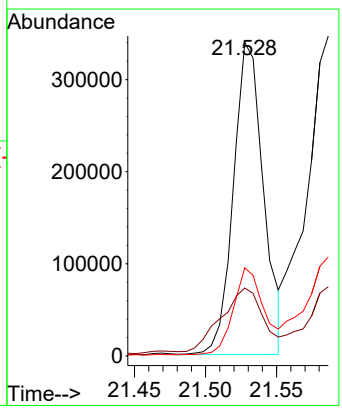


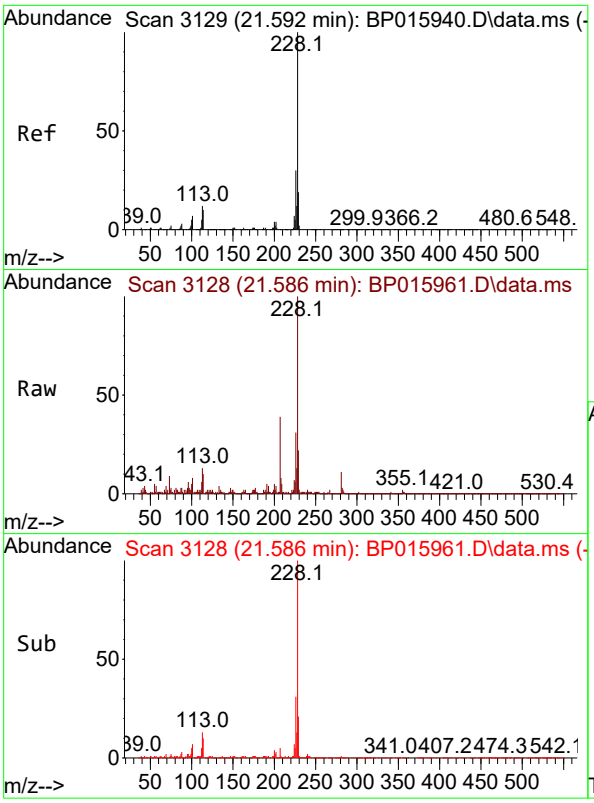


#85
Benzo(a)anthracene
Concen: 9.297 ng/ul
RT: 21.528 min Scan# 3118
Delta R.T. -0.005 min
Lab File: BP015961.D
Acq: 03 Jul 2023 21:09

Tgt Ion:228 Resp: 500805

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.3	22.9
226	28.2	21.4	32.0



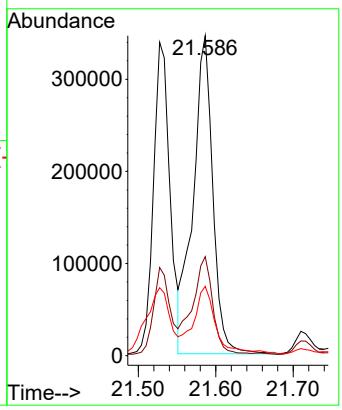


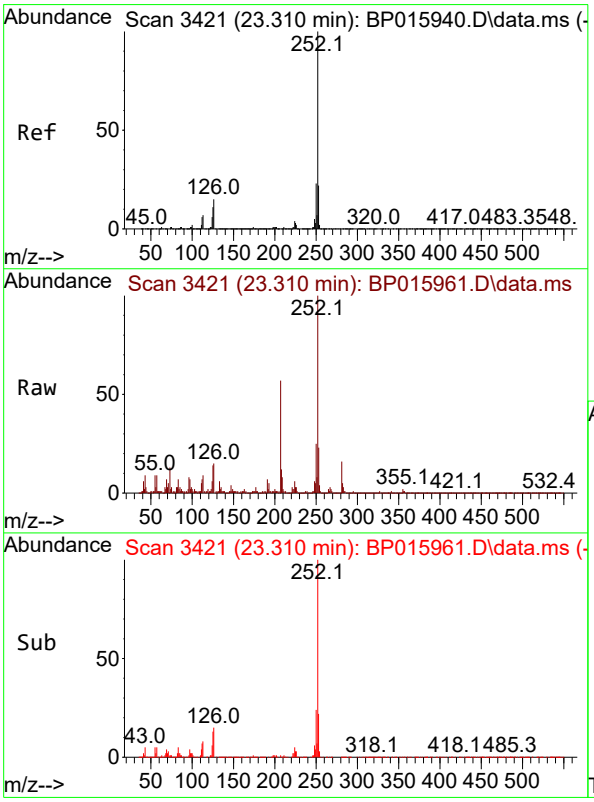
#87
Chrysene
Concen: 11.959 ng/ul
RT: 21.586 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP015961.D
Acq: 03 Jul 2023 21:09

Instrument :
BNA_P
ClientSampleId :
DCGK4

Tgt Ion:228 Resp: 611196

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.3	36.5
229	21.6	15.5	23.3

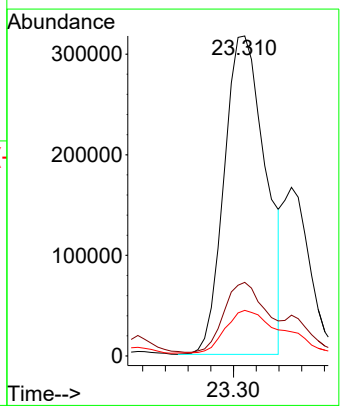


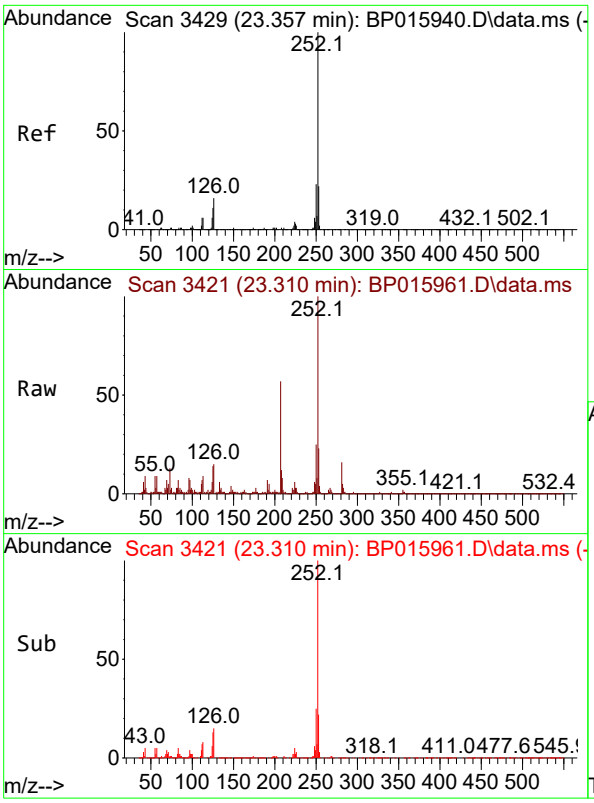


#90
Benzo(b)fluoranthene
Concen: 16.059 ng/ul
RT: 23.310 min Scan# 3421
Delta R.T. 0.000 min
Lab File: BP015961.D
Acq: 03 Jul 2023 21:09

Tgt Ion:252 Resp: 803996

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	14.3	7.5	11.3#



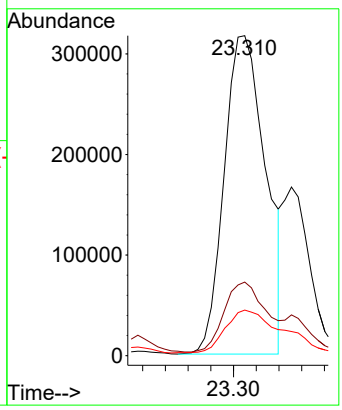


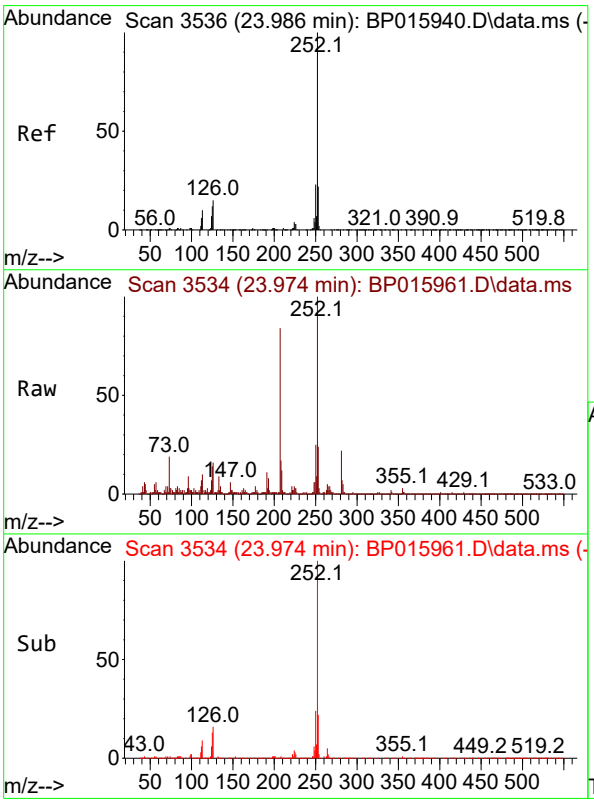
#91
Benzo(k)fluoranthene
Concen: 15.895 ng/ul
RT: 23.310 min Scan# 3
Delta R.T. -0.047 min
Lab File: BP015961.D
Acq: 03 Jul 2023 21:09

Instrument :
BNA_P
ClientSampleId :
DCGK4

Tgt Ion:252 Resp: 803996

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.4
125	14.3	7.3	10.9#

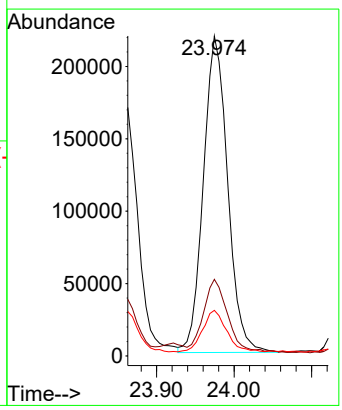


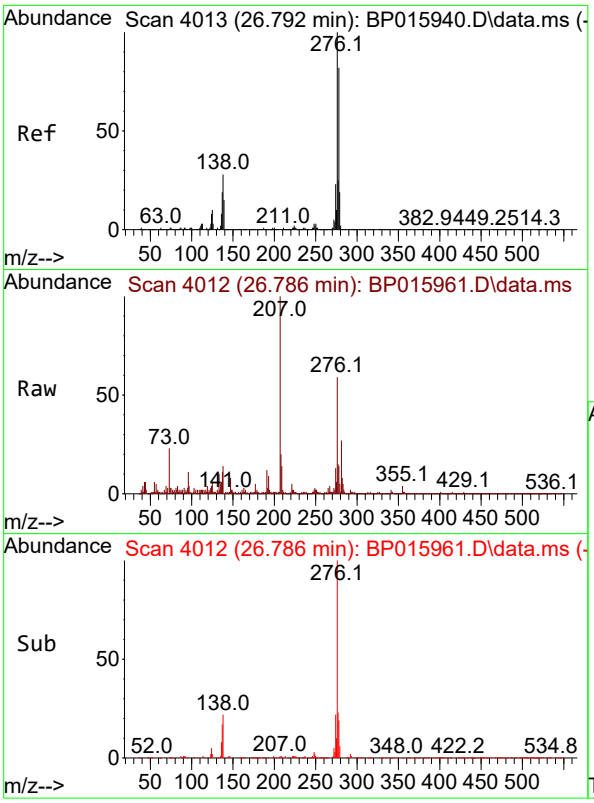


#93
Benzo(a)pyrene
Concen: 10.887 ng/ul
RT: 23.974 min Scan# 3534
Delta R.T. -0.005 min
Lab File: BP015961.D
Acq: 03 Jul 2023 21:09

Tgt Ion:252 Resp: 476267

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	14.2	8.2	12.2#



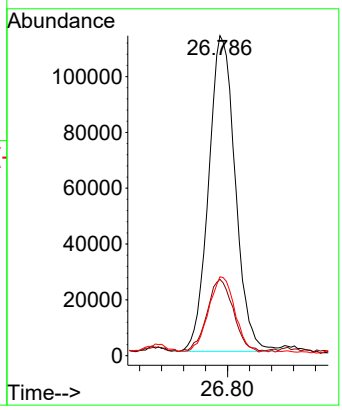


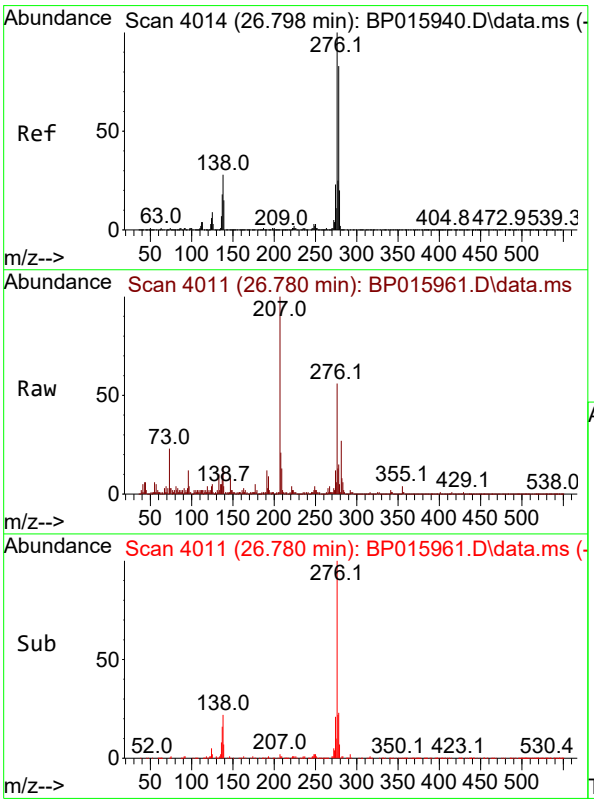
#94
Indeno(1,2,3-cd)pyrene
Concen: 6.408 ng/ul
RT: 26.786 min Scan# 4
Delta R.T. -0.005 min
Lab File: BP015961.D
Acq: 03 Jul 2023 21:09

Instrument :
BNA_P
ClientSampleId :
DCGK4

Tgt Ion:276 Resp: 380550

Ion	Ratio	Lower	Upper
276	100		
138	23.8	15.7	23.5#
277	24.6	19.6	29.4

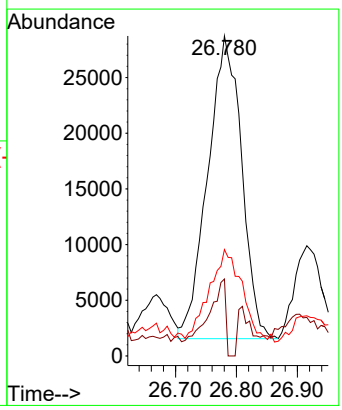


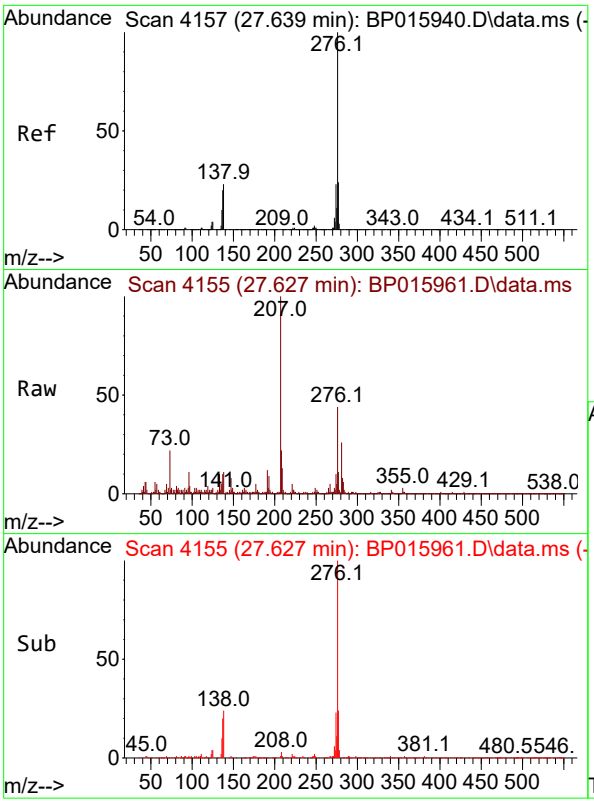


#95
Dibenzo(a,h)anthracene
Concen: 2.153 ng/ul
RT: 26.780 min Scan# 4011
Delta R.T. -0.017 min
Lab File: BP015961.D
Acq: 03 Jul 2023 21:09

Tgt Ion:278 Resp: 105014

Ion	Ratio	Lower	Upper
278	100		
139	24.0	10.5	15.7#
279	33.3	18.4	27.6#





#96
Benzo(g,h,i)perylene
Concen: 6.557 ng/ul
RT: 27.627 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP015961.D
Acq: 03 Jul 2023 21:09

Instrument :
BNA_P
ClientSampleId :
DCGK4

Tgt Ion:276 Resp: 320339

Ion	Ratio	Lower	Upper
276	100		
138	25.2	15.1	22.7#
277	25.2	18.8	28.2