Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015728.D
Acq On : 26 Jun 2023 22:58
Operator : MA/JU
Sample : 03083-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFK3

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 27 03:13:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	190603	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	683566	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	344612	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	685318	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	716923	20.000	ng/ul	0.00
88) Perylene-d12	24.116	264	906038	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	14045	2.651	ng/uL	0.00
4) Pyridine-d5	3.834	84	122154	9.147	ng/ul	0.00
7) Phenol-d5	7.234	99	223332	13.694	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	157245	15.585	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	192716	15.654	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	154622	12.002	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	87203	16.693	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	96911	15.895	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	156939	14.444	ng/ul	0.01
31) 4-Chloroaniline-d4	11.063	131	63310	4.536	ng/ul	0.02
46) Dimethylphthalate-d6	14.122	166	463704	17.409	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	524721	17.524	ng/ul	0.00
54) 4-Nitrophenol-d4	14.975	143	41198m	11.721	ng/ul	0.03
60) Fluorene-d10	15.710	176	374404	17.071	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	46772	11.097	ng/ul	0.00
73) Anthracene-d10	17.575	188	505510	16.148	ng/ul	0.00
81) Pyrene-d10	19.798	212	681199	14.551	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	791430	17.316	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.940	128	45590	1.227	ng/ul	98
36) 2-Methylnaphthalene	12.551	142	25860	1.057	ng/ul	93
50) Acenaphthylene	14.440	152	51016	1.546	ng/ul	98
72) Phenanthrene	17.516	178	135559	3.641	ng/ul	98
80) Fluoranthene	19.475	202	284245	4.886	ng/ul	99
82) Pyrene	19.828	202	232083	3.911	ng/ul	97
85) Benzo(a)anthracene	21.545	228	144221m	2.860	ng/ul	
87) Chrysene	21.604	228	185776	3.883	ng/ul	97
90) Benzo(b)fluoranthene	23.333	252	282857	4.859	ng/ul#	81
91) Benzo(k)fluoranthene	23.380	252	96145m	1.635	ng/ul	
93) Benzo(a)pyrene	23.998	252	164690	3.238	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.821	276	153724	2.226	ng/ul	95
96) Benzo(g,h,i)perylene	27.662	276	149671	2.635	ng/ul	99

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

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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015728.D
Acq On : 26 Jun 2023 22:58
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Quant Title : SVOA CALIBRATION
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ClientSampleId :
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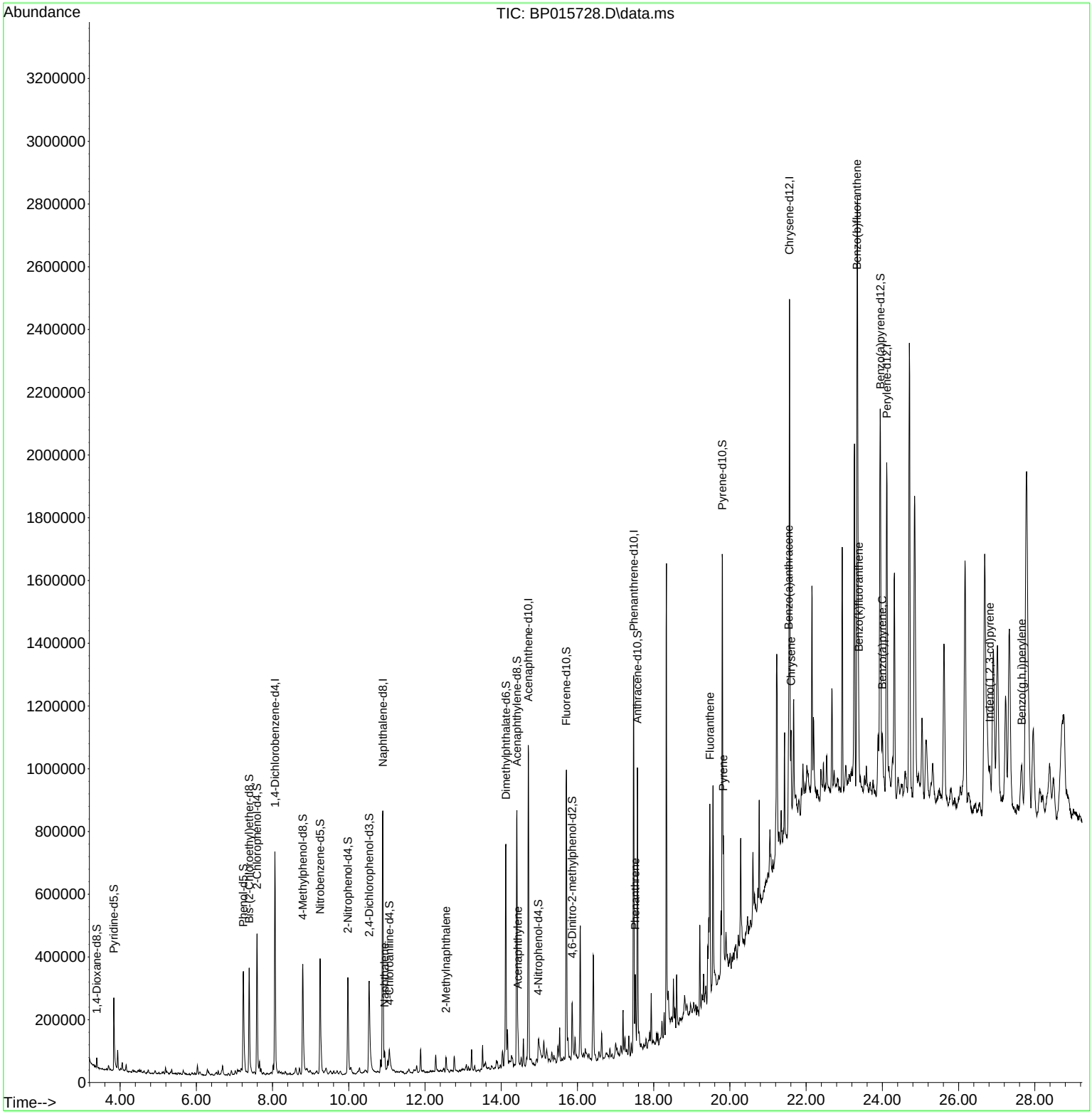
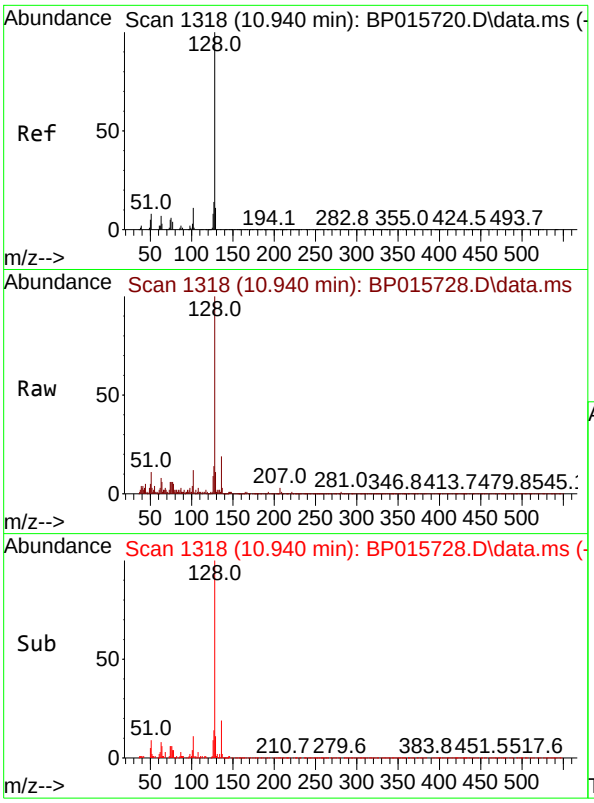
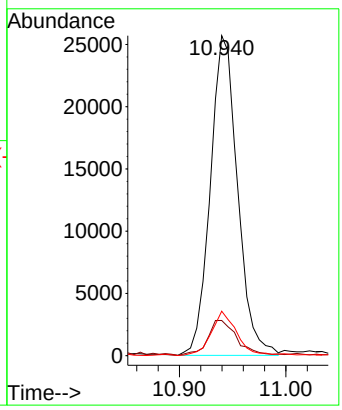




#30
Naphthalene
Concen: 1.227 ng/ul
RT: 10.940 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP015728.D
Acq: 26 Jun 2023 22:58

Tgt Ion:128 Resp: 4559

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.9	10.3	15.5



Instrument :
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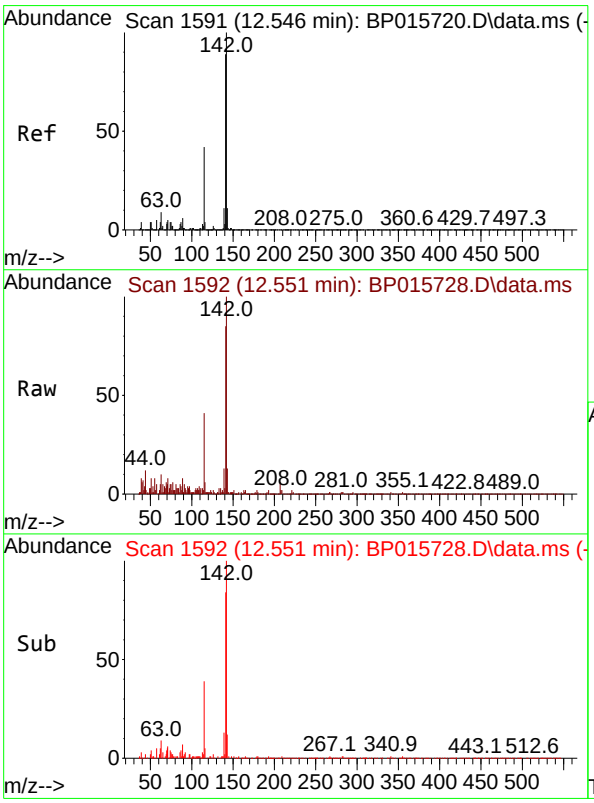
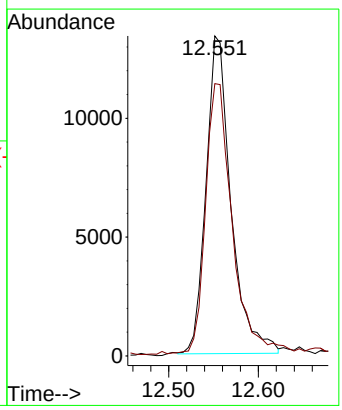
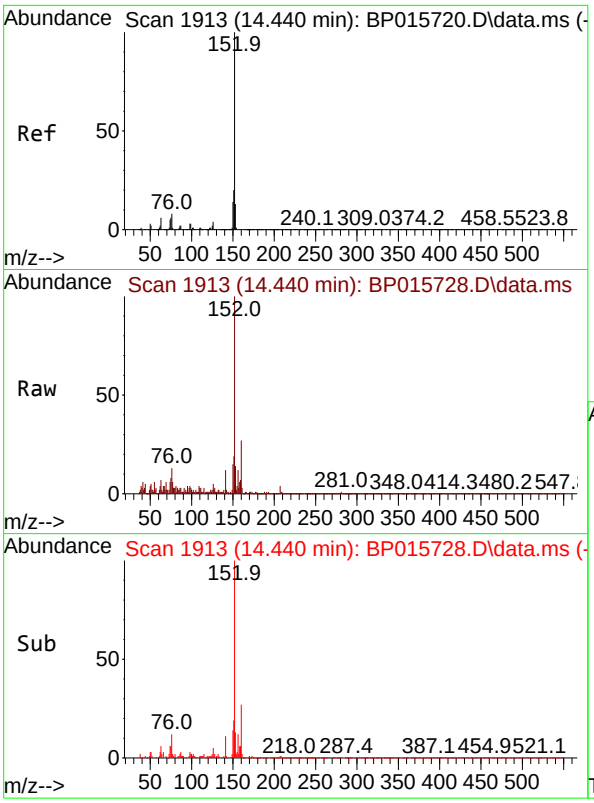


#36
2-Methylnaphthalene
Concen: 1.057 ng/ul
RT: 12.551 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BP015728.D
Acq: 26 Jun 2023 22:58

Tgt Ion:142 Resp: 25860

Ion	Ratio	Lower	Upper
142	100		
141	85.1	73.2	109.8

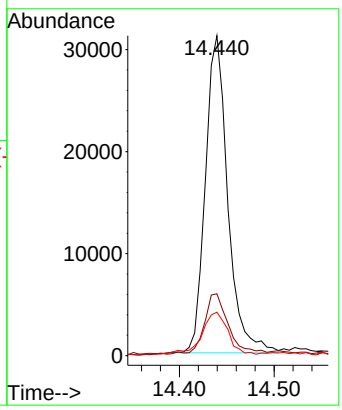




#50
Acenaphthylene
Concen: 1.546 ng/ul
RT: 14.440 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP015728.D
Acq: 26 Jun 2023 22:58

Tgt Ion:152 Resp: 5101

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.2
153	13.6	10.5	15.7



Instrument :
BNA_P
ClientSampleId :
DCFK3

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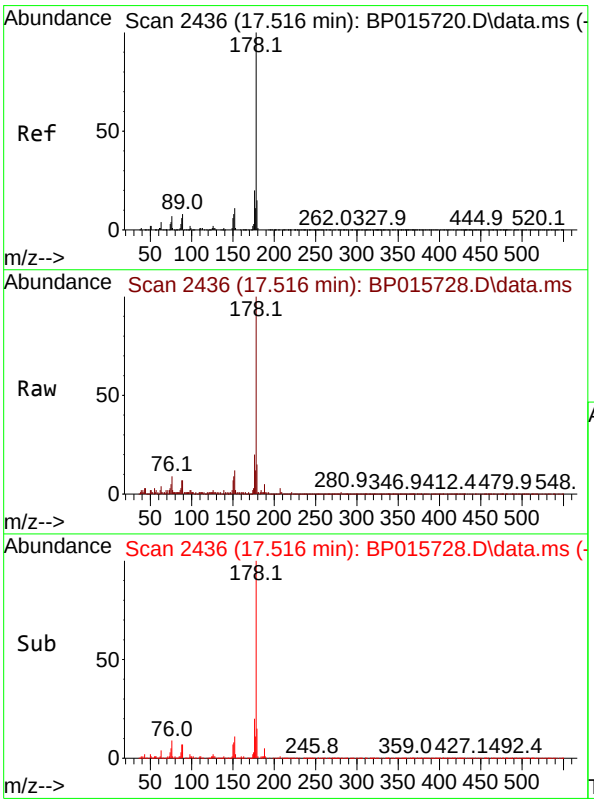
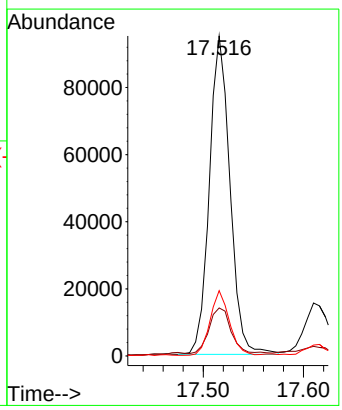
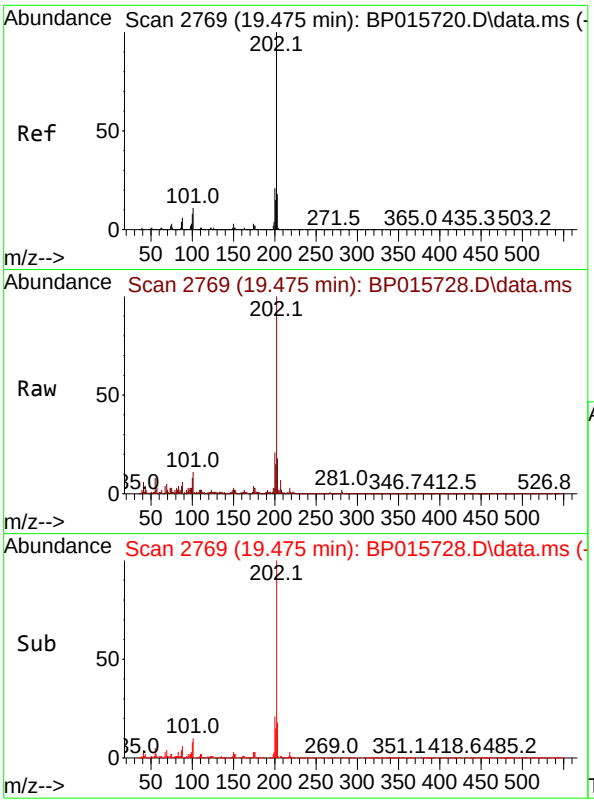


#72
Phenanthrene
Concen: 3.641 ng/ul
RT: 17.516 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BP015728.D
Acq: 26 Jun 2023 22:58

Tgt Ion:178 Resp: 135559

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.4	18.6
176	20.4	15.6	23.4

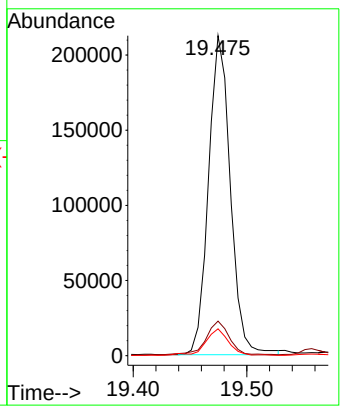




#80
Fluoranthene
Concen: 4.886 ng/ul
RT: 19.475 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP015728.D
Acq: 26 Jun 2023 22:58

Tgt Ion:202 Resp: 28424

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.3	12.5
100	8.4	6.6	9.8



Instrument :
BNA_P
ClientSampleId :
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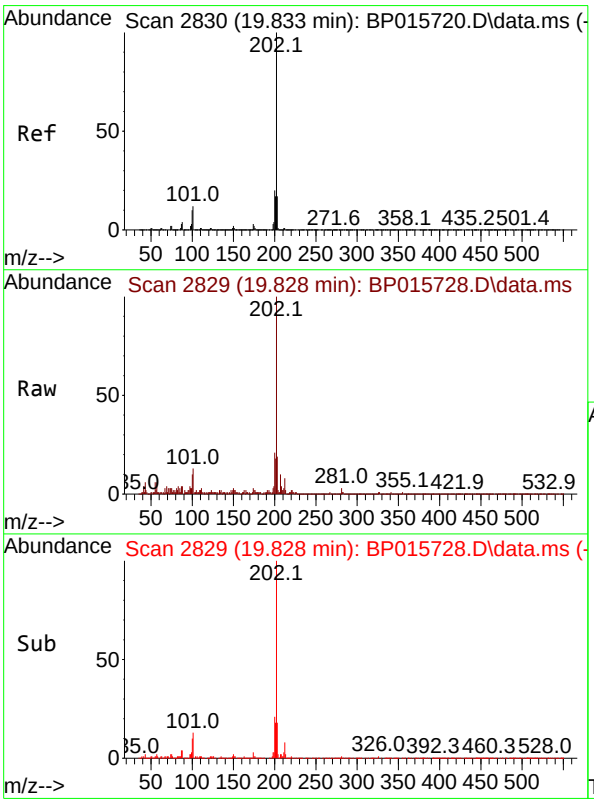
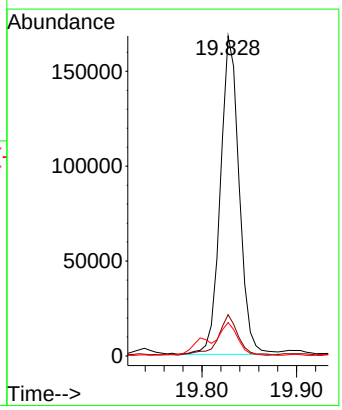
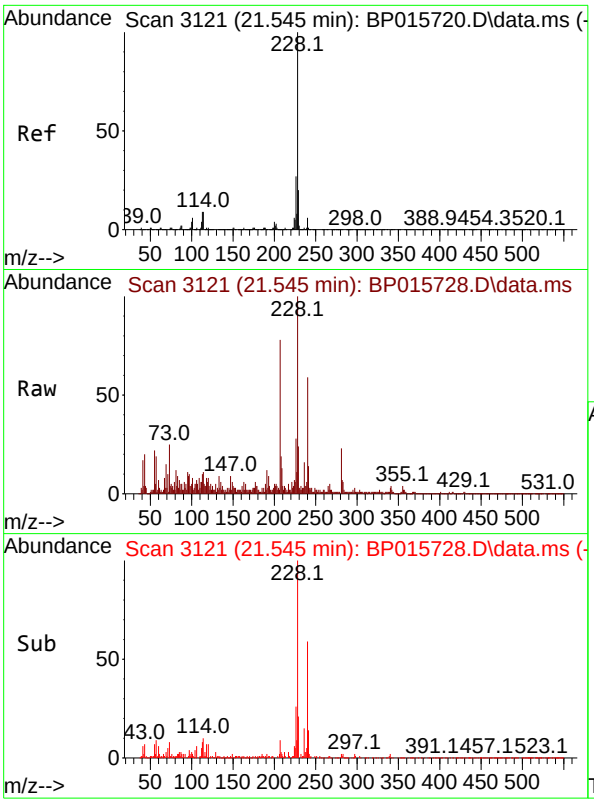


#82
Pyrene
Concen: 3.911 ng/ul
RT: 19.828 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP015728.D
Acq: 26 Jun 2023 22:58

Tgt Ion:202 Resp: 232083

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.3	13.9
100	10.5	7.6	11.4

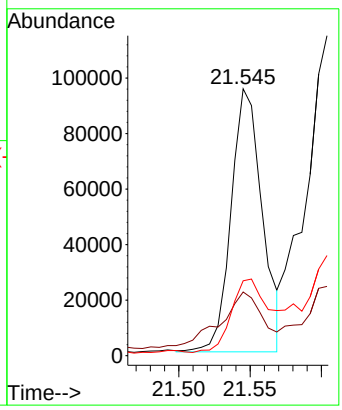




#85
Benzo(a)anthracene
Concen: 2.860 ng/ul m
RT: 21.545 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP015728.D
Acq: 26 Jun 2023 22:58

Tgt Ion:228 Resp: 14422

Ion	Ratio	Lower	Upper
228	100		
229	23.8	15.3	22.9
226	28.1	21.4	32.0



Instrument :
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ClientSampleId :
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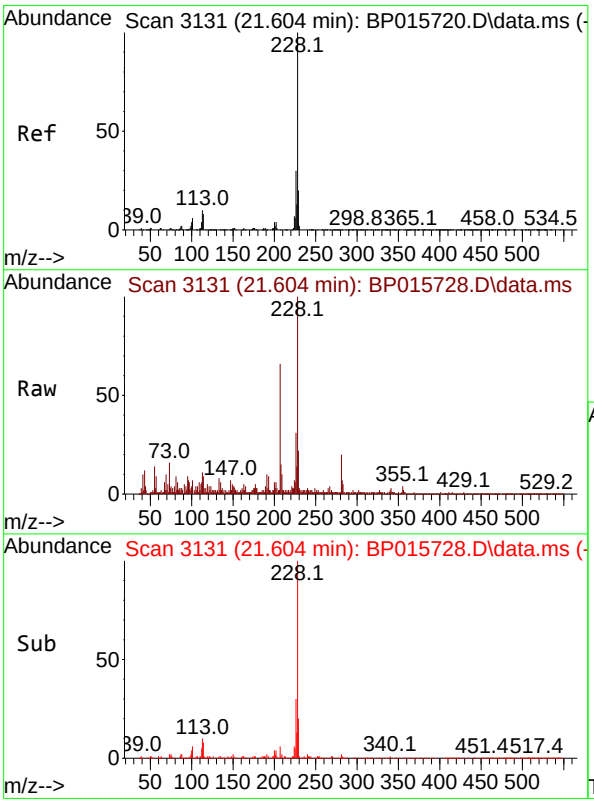
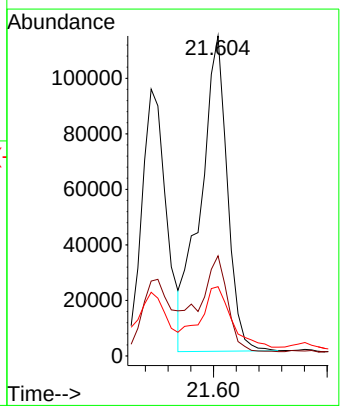
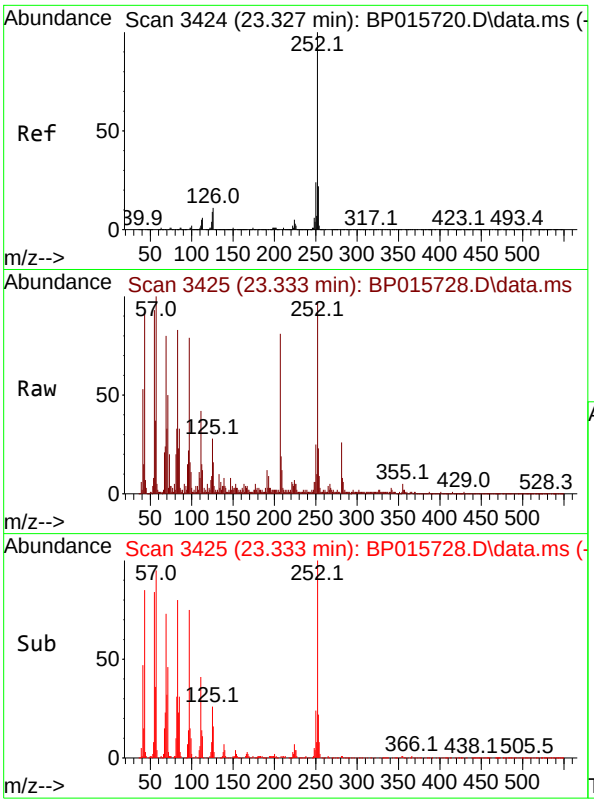


#87
Chrysene
Concen: 3.883 ng/ul
RT: 21.604 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BP015728.D
Acq: 26 Jun 2023 22:58

Tgt Ion:228 Resp: 185776

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.3	36.5
229	21.7	15.5	23.3





#90
Benzo(b)fluoranthene
Concen: 4.859 ng/ul
RT: 23.333 min Scan# 34
Delta R.T. 0.006 min
Lab File: BP015728.D
Acq: 26 Jun 2023 22:58

Tgt Ion:252 Resp: 28285

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	28.9	7.5	11.3#

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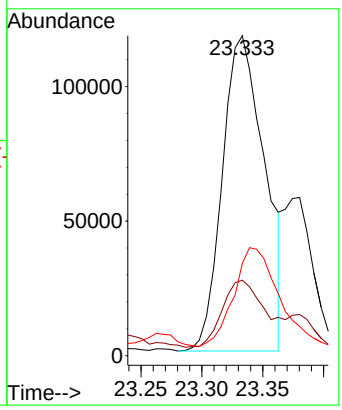
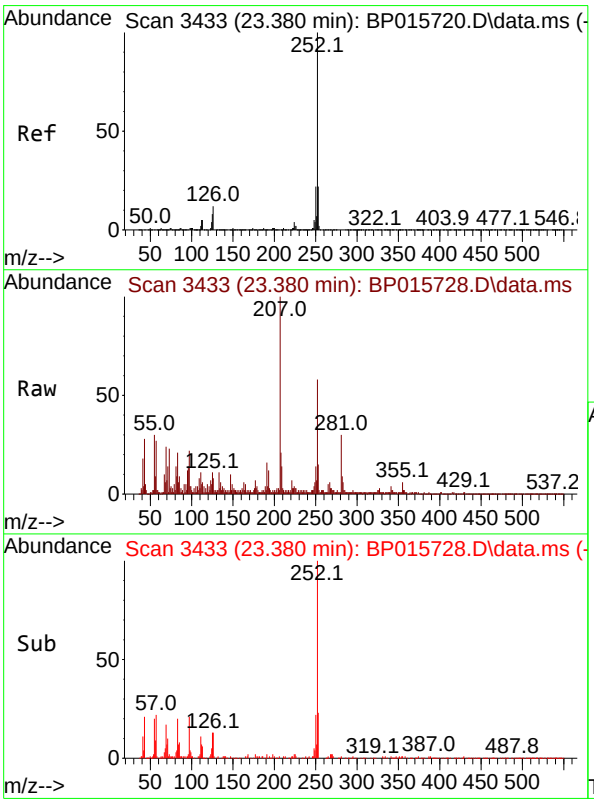
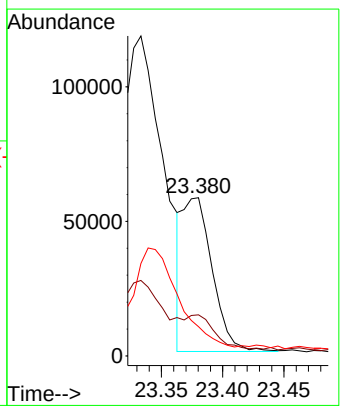


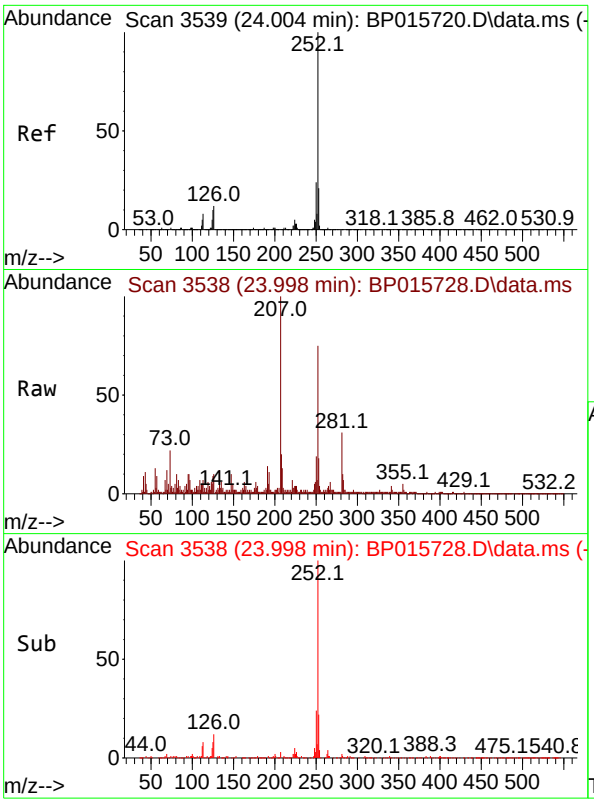


#91
Benzo(k)fluoranthene
Concen: 1.635 ng/ul m
RT: 23.380 min Scan# 3433
Delta R.T. 0.000 min
Lab File: BP015728.D
Acq: 26 Jun 2023 22:58

Tgt Ion:252 Resp: 96145

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.0	25.4#
125	18.5	7.3	10.9#

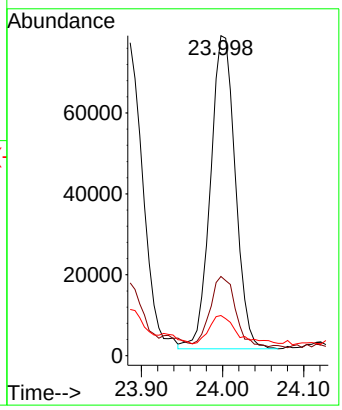




#93
Benzo(a)pyrene
Concen: 3.238 ng/ul
RT: 23.998 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP015728.D
Acq: 26 Jun 2023 22:58

Tgt Ion:252 Resp: 16469

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.7	26.5
125	12.6	8.2	12.2



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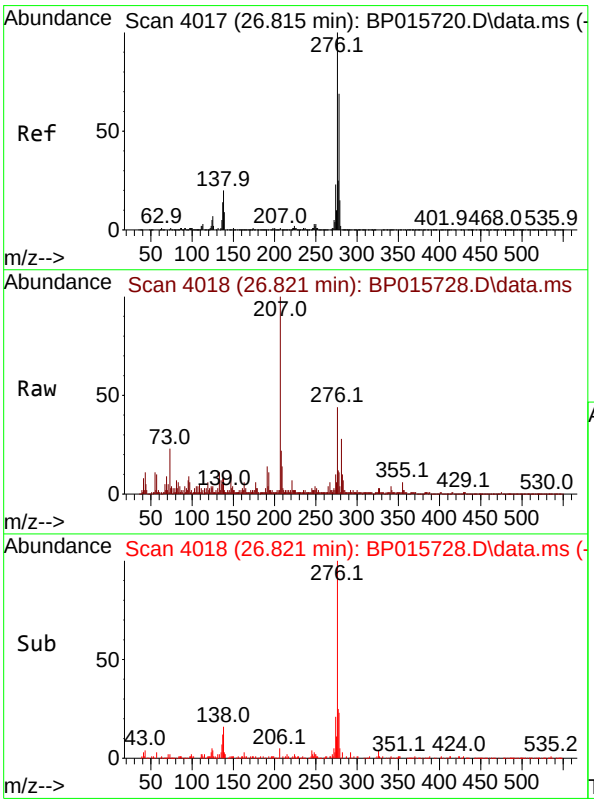
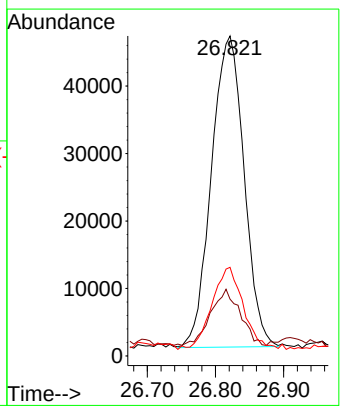
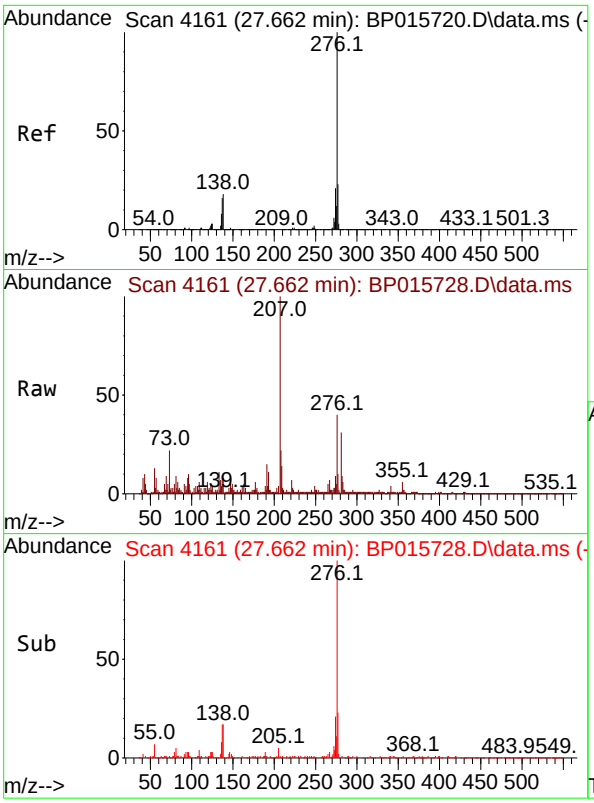


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.226 ng/ul
RT: 26.821 min Scan# 4018
Delta R.T. 0.006 min
Lab File: BP015728.D
Acq: 26 Jun 2023 22:58

Tgt Ion:276 Resp: 153724

Ion	Ratio	Lower	Upper
276	100		
138	17.8	15.7	23.5
277	27.7	19.6	29.4

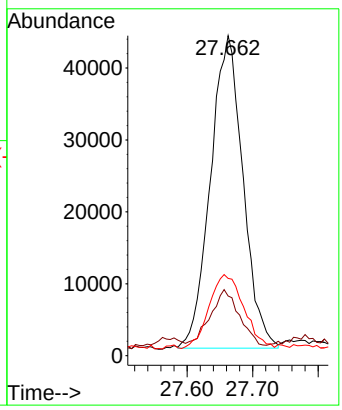




#96
Benzo(g,h,i)perylene
Concen: 2.635 ng/ul
RT: 27.662 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP015728.D
Acq: 26 Jun 2023 22:58

Tgt Ion:276 Resp: 14967

Ion	Ratio	Lower	Upper
276	100		
138	18.6	15.1	22.7
277	24.2	18.8	28.2



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