Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072523\
Data File : BP016370.D
Acq On : 26 Jul 2023 04:58
Operator : MA/JU
Sample : 03534-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4736

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023

Quant Time: Jul 26 07:04:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 25 23:56:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	433496	20.000	ng/ul	0.00
20) Naphthalene-d8	10.928	136	1865050	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.739	164	1122941	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.504	188	2364627	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	1777768	20.000	ng/ul	0.00
88) Perylene-d12	24.192	264	1635164	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	38484	3.500	ng/uL	0.00
4) Pyridine-d5	3.858	84	556650	17.845	ng/ul	0.00
7) Phenol-d5	7.222	99	788964	21.749	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	442855	20.334	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	596895	21.091	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	467982	16.041	ng/ul	0.00
21) Nitrobenzene-d5	9.287	128	273727	23.834	ng/ul	0.00
24) 2-Nitrophenol-d4	10.004	143	243068	25.662	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	562876	21.440	ng/ul	0.00
31) 4-Chloroaniline-d4	11.081	131	37196	0.911	ng/ul	0.00
46) Dimethylphthalate-d6	14.151	166	1731186	21.065	ng/ul	0.00
49) Acenaphthylene-d8	14.433	160	1948731	20.071	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	221862	16.111	ng/ul	0.00
60) Fluorene-d10	15.727	176	1503031	21.497	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	44618	5.729	ng/ul	0.00
73) Anthracene-d10	17.604	188	1953201	18.647	ng/ul	0.00
81) Pyrene-d10	19.827	212	2403185	23.807	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.015	264	1540930	19.532	ng/ul	-0.02
Target Compounds						Qvalue
8) Phenol	7.251	94	46424	1.231	ng/ul	95
16) Acetophenone	8.940	105	82103	1.783	ng/ul	97
47) Dimethylphthalate	14.192	163	198317	2.393	ng/ul	99
52) Acenaphthene	14.798	153	330842	4.638	ng/ul	97
56) Dibenzofuran	15.133	168	279475	2.862	ng/ul	98
61) Fluorene	15.786	166	430228	5.425	ng/ul	97
72) Phenanthrene	17.545	178	5257022	42.724	ng/ul	100
74) Anthracene	17.633	178	1225217	9.775	ng/ul	99
77) Carbazole	17.910	167	564506	5.232	ng/ul	100
80) Fluoranthene	19.498	202	5496971	45.429	ng/ul	99
82) Pyrene	19.857	202	4444855	35.556	ng/ul	99
85) Benzo(a)anthracene	21.574	228	1918629	15.934	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	100695	1.395	ng/ul#	97
87) Chrysene	21.627	228	1644749	14.750	ng/ul	97
90) Benzo(b)fluoranthene	23.380	252	1578220	16.117	ng/ul	99
91) Benzo(k)fluoranthene	23.433	252	598798m	6.145	ng/ul	
93) Benzo(a)pyrene	24.074	252	987306	10.705	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.962	276	614407	5.769	ng/ul	99
95) Dibenzo(a,h)anthracene	26.980	278	174331m	1.979	ng/ul	
96) Benzo(g,h,i)perylene	27.827	276	513155	6.086	ng/ul	99

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

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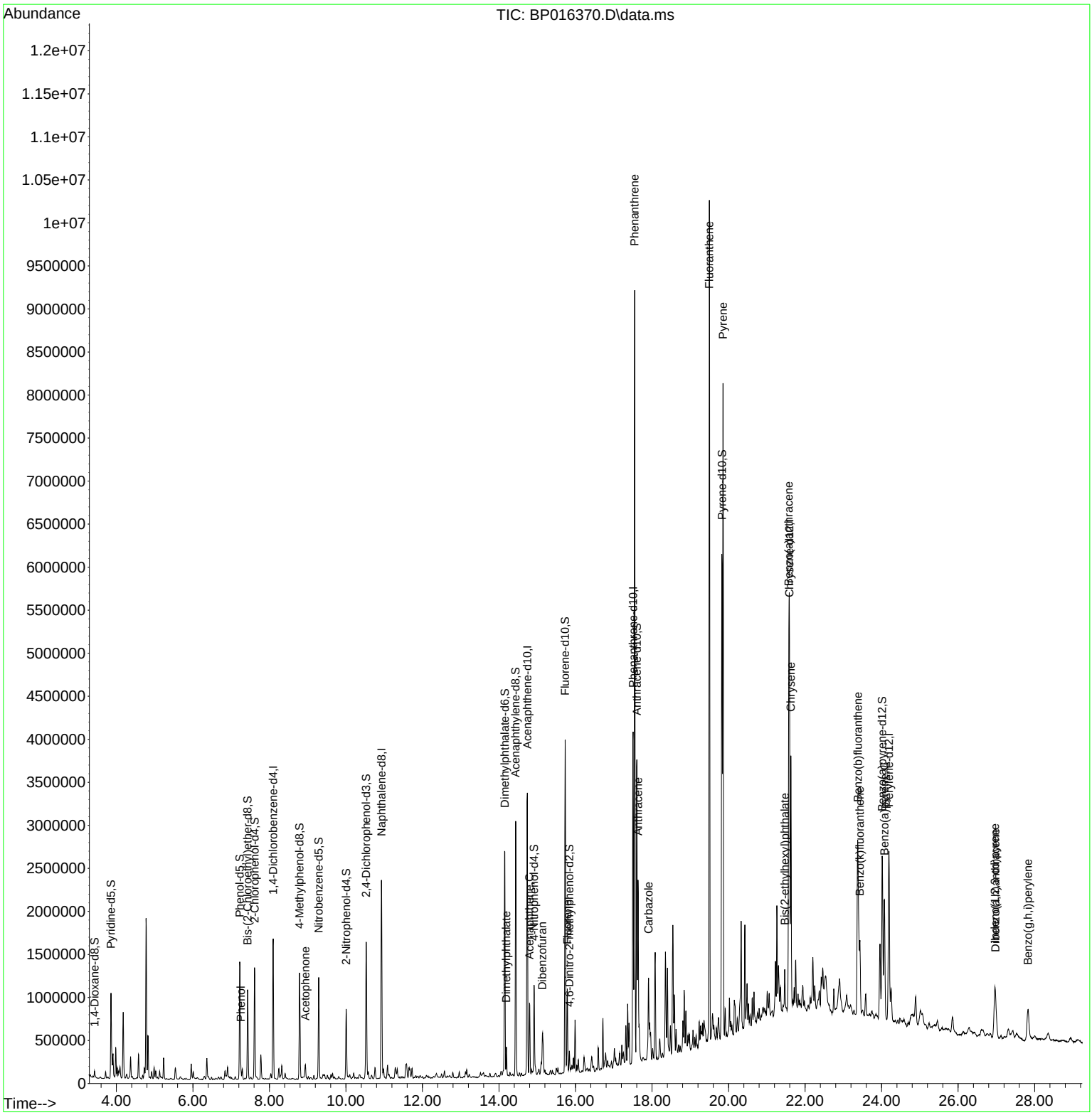
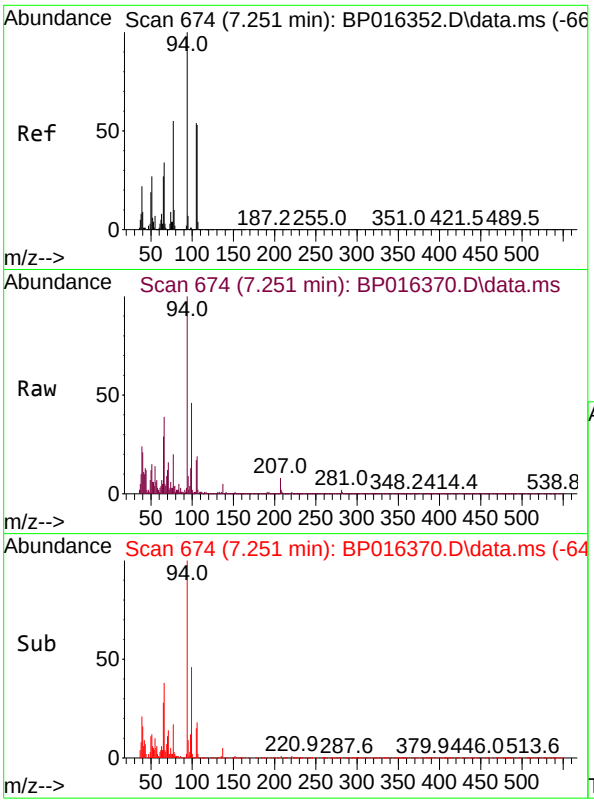
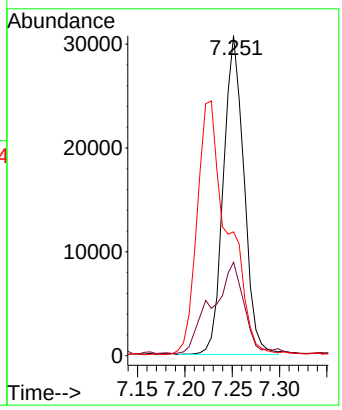




#8
Phenol
Concen: 1.231 ng/ul
RT: 7.251 min Scan# 6
Delta R.T. -0.003 min
Lab File: BP016370.D
Acq: 26 Jul 2023 04:58

Tgt Ion: 94 Resp: 4642

Ion	Ratio	Lower	Upper
94	100		
65	29.2	21.4	32.2
66	38.7	28.2	42.4



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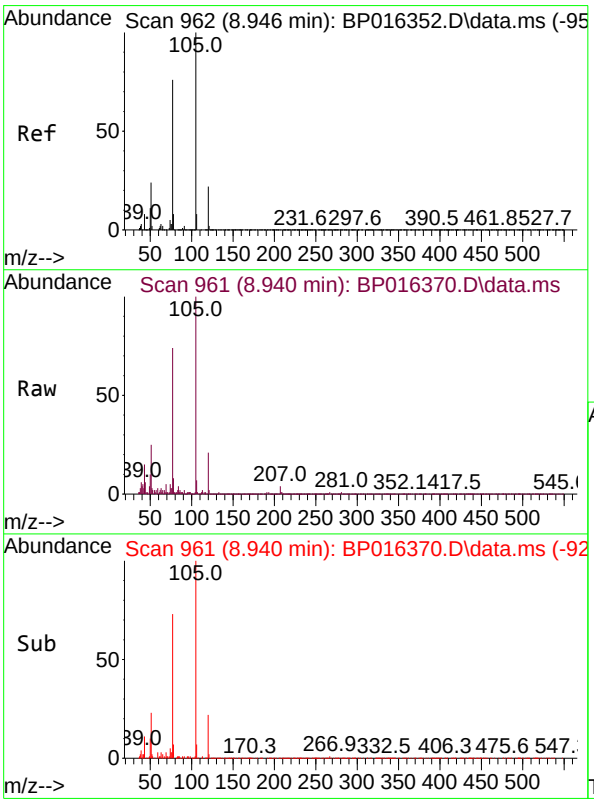
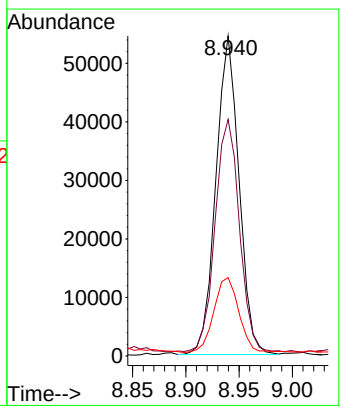
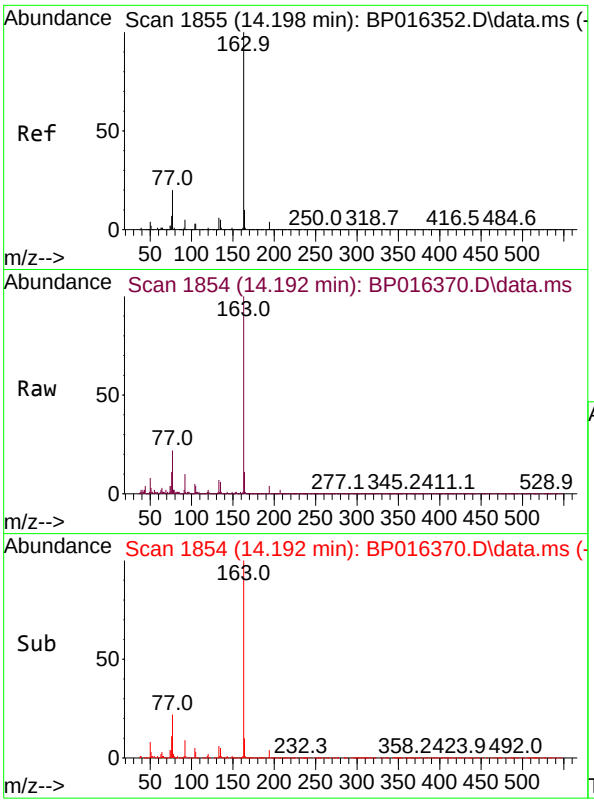


#16
Acetophenone
Concen: 1.783 ng/ul
RT: 8.940 min Scan# 961
Delta R.T. -0.009 min
Lab File: BP016370.D
Acq: 26 Jul 2023 04:58

Tgt Ion:105 Resp: 82103

Ion	Ratio	Lower	Upper
105	100		
77	73.9	61.2	91.8
51	24.5	19.1	28.7

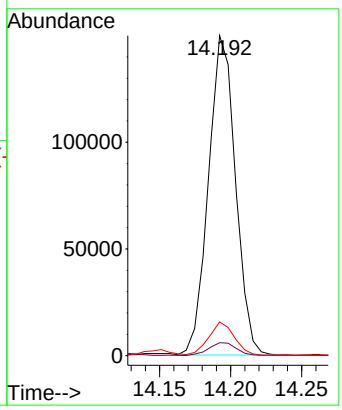




#47
Dimethylphthalate
Concen: 2.393 ng/ul
RT: 14.192 min Scan# 1
Delta R.T. -0.015 min
Lab File: BP016370.D
Acq: 26 Jul 2023 04:58

Tgt Ion:163 Resp: 19831

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.6	7.9	11.9



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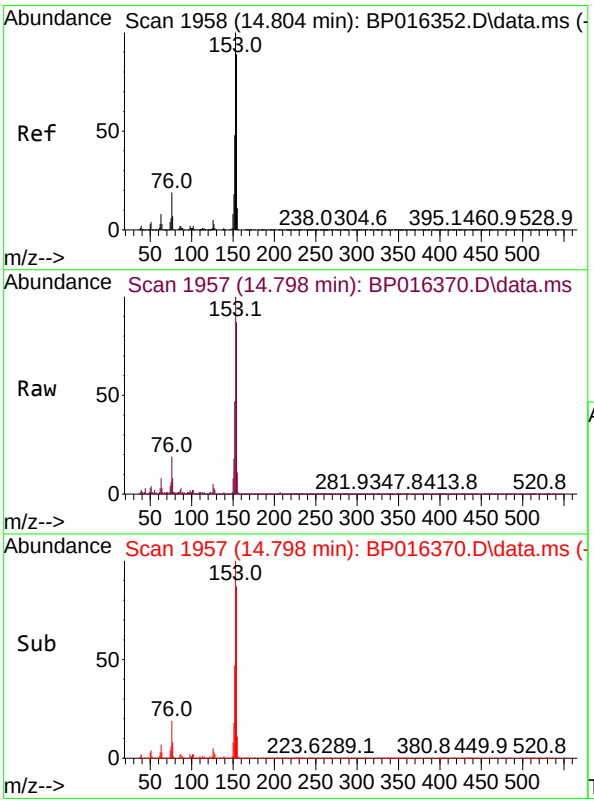
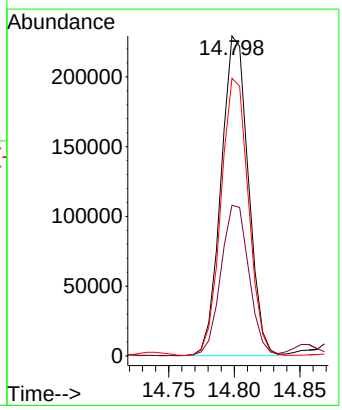
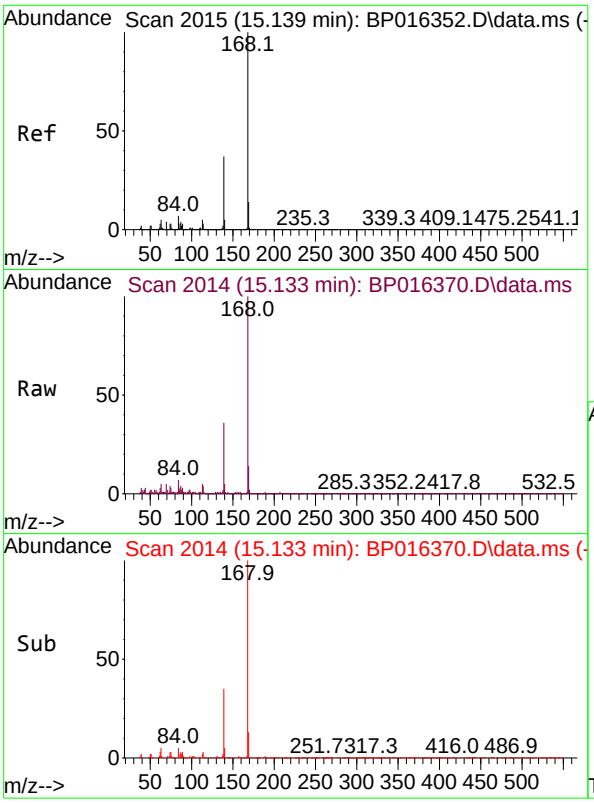


#52
Acenaphthene
Concen: 4.638 ng/ul
RT: 14.798 min Scan# 1957
Delta R.T. -0.009 min
Lab File: BP016370.D
Acq: 26 Jul 2023 04:58

Tgt Ion:153 Resp: 330842

Ion	Ratio	Lower	Upper
153	100		
152	47.1	38.8	58.2
154	86.7	71.7	107.5

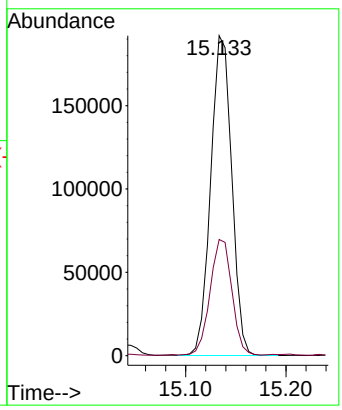




#56
Dibenzofuran
Concen: 2.862 ng/ul
RT: 15.133 min Scan# 2
Delta R.T. -0.009 min
Lab File: BP016370.D
Acq: 26 Jul 2023 04:58

Tgt Ion:168 Resp: 27947

Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.0	45.0



Instrument :
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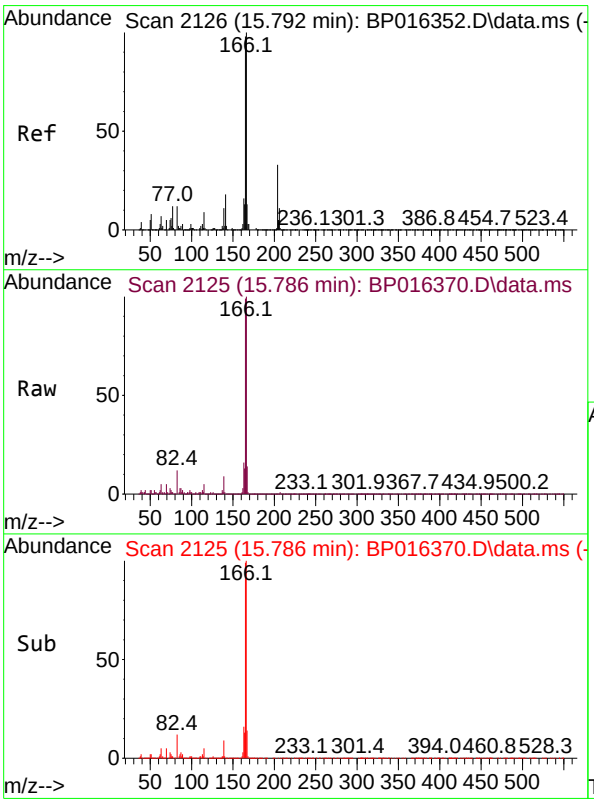
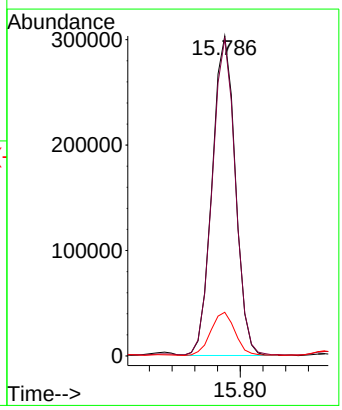
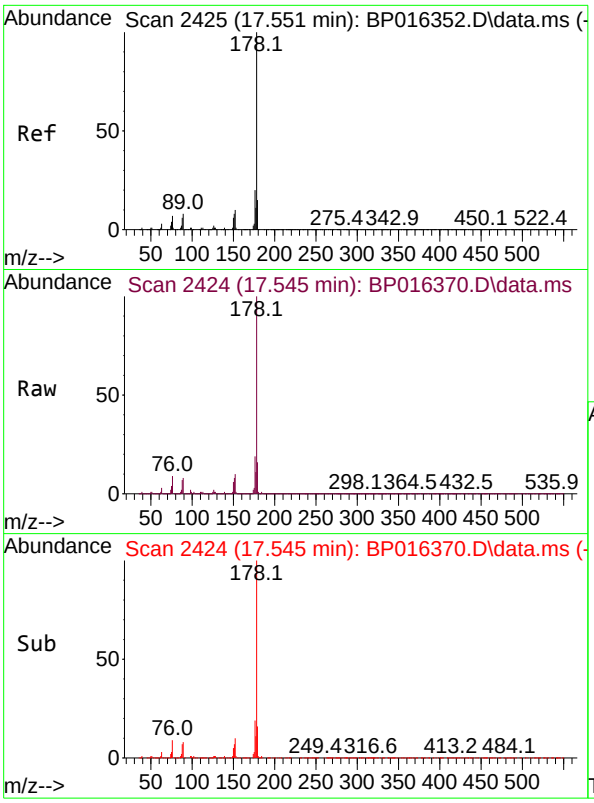


#61
Fluorene
Concen: 5.425 ng/ul
RT: 15.786 min Scan# 2125
Delta R.T. -0.009 min
Lab File: BP016370.D
Acq: 26 Jul 2023 04:58

Tgt Ion:166 Resp: 430228

Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.0	115.4
167	13.6	10.6	15.8

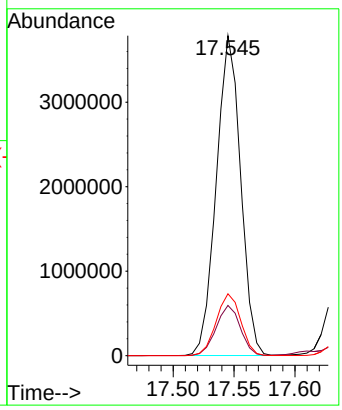




#72
Phenanthrene
Concen: 42.724 ng/ul
RT: 17.545 min Scan# 24
Delta R.T. -0.009 min
Lab File: BP016370.D
Acq: 26 Jul 2023 04:58

Tgt Ion:178 Resp: 525702

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.3	15.4	23.0



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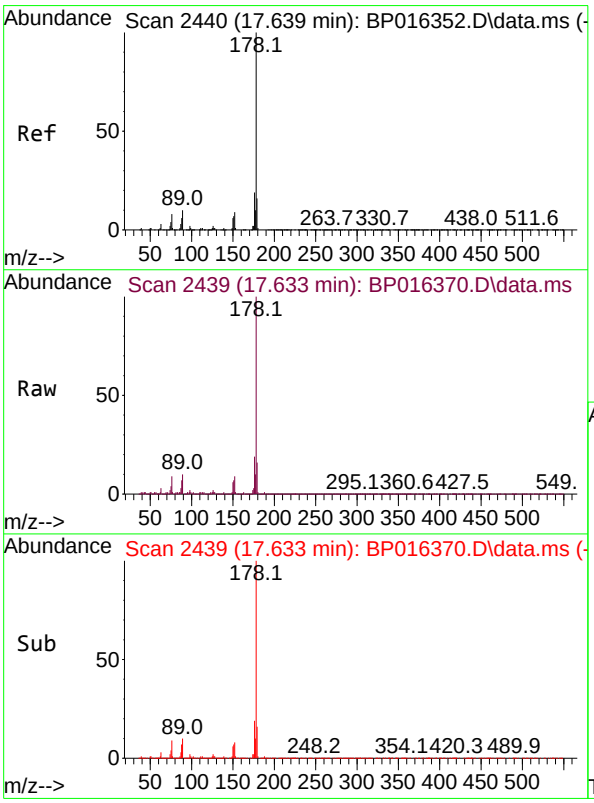
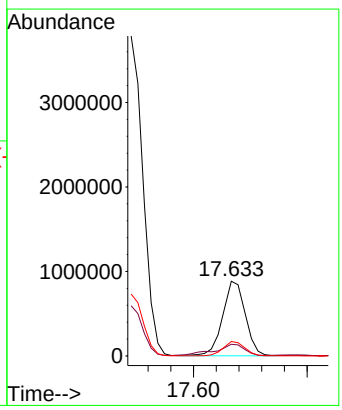
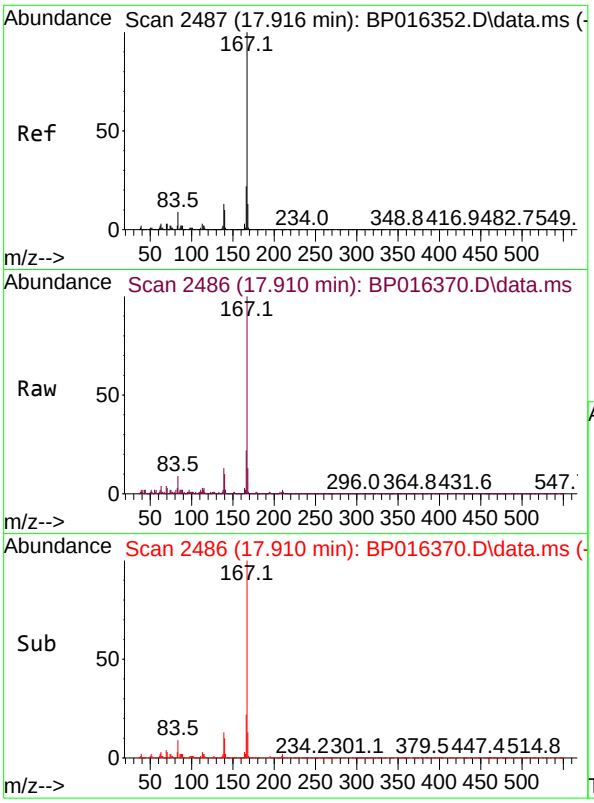


#74
Anthracene
Concen: 9.775 ng/ul
RT: 17.633 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BP016370.D
Acq: 26 Jul 2023 04:58

Tgt Ion:178 Resp: 1225217

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.3	15.1	22.7

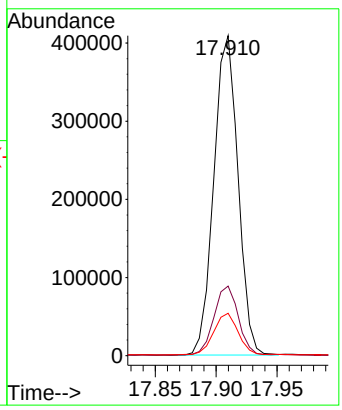




#77
Carbazole
Concen: 5.232 ng/ul
RT: 17.910 min Scan# 24
Delta R.T. -0.009 min
Lab File: BP016370.D
Acq: 26 Jul 2023 04:58

Tgt Ion:167 Resp: 56450

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.3	25.9
139	13.3	10.4	15.6



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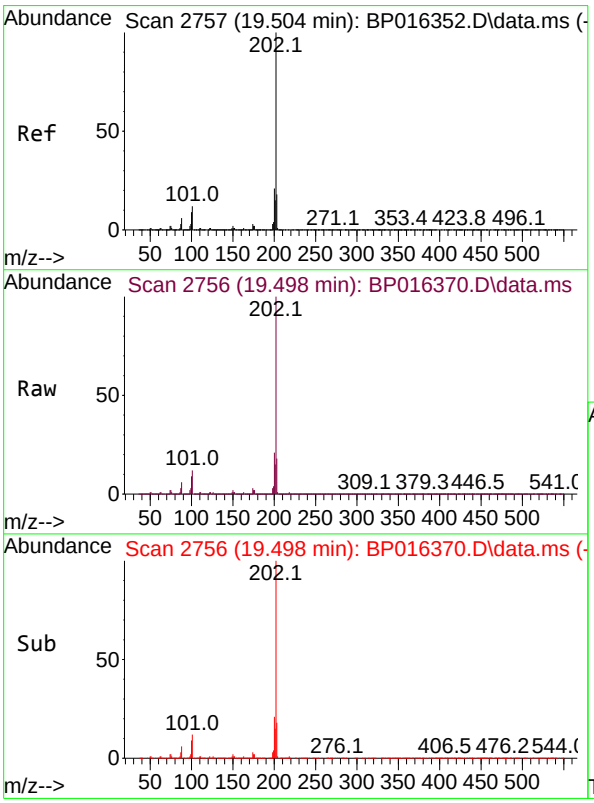
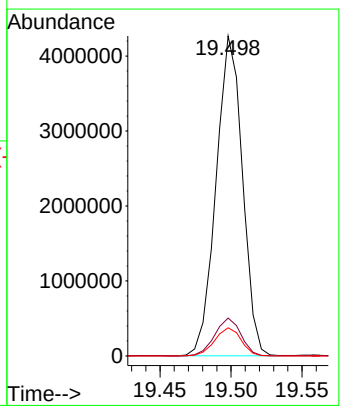
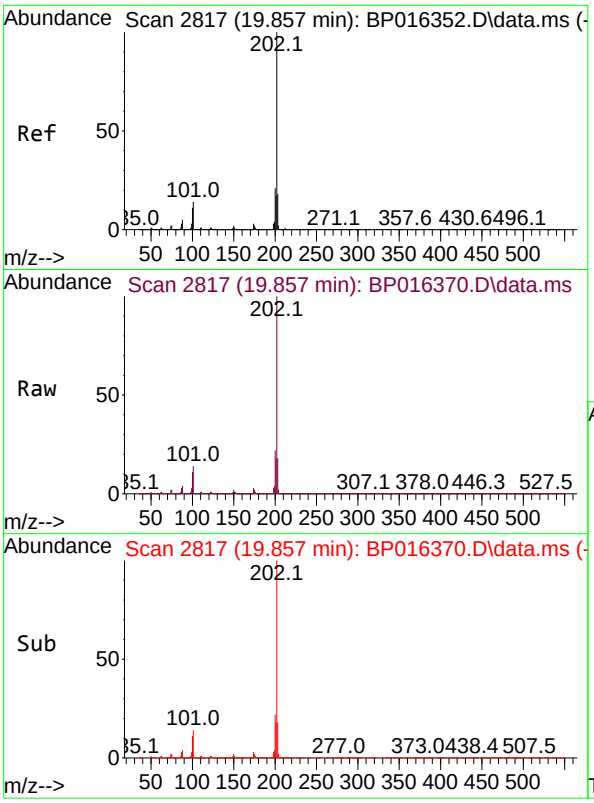


#80
Fluoranthene
Concen: 45.429 ng/ul
RT: 19.498 min Scan# 2756
Delta R.T. -0.009 min
Lab File: BP016370.D
Acq: 26 Jul 2023 04:58

Tgt Ion:202 Resp: 5496971

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.1	13.7
100	8.8	7.1	10.7

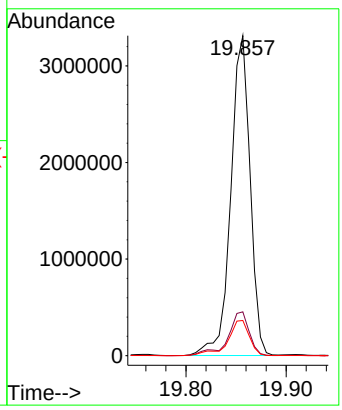




#82
Pyrene
Concen: 35.556 ng/ul
RT: 19.857 min Scan# 2
Delta R.T. -0.003 min
Lab File: BP016370.D
Acq: 26 Jul 2023 04:58

Tgt Ion:202 Resp: 444485

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.2	16.8
100	11.0	9.4	14.0



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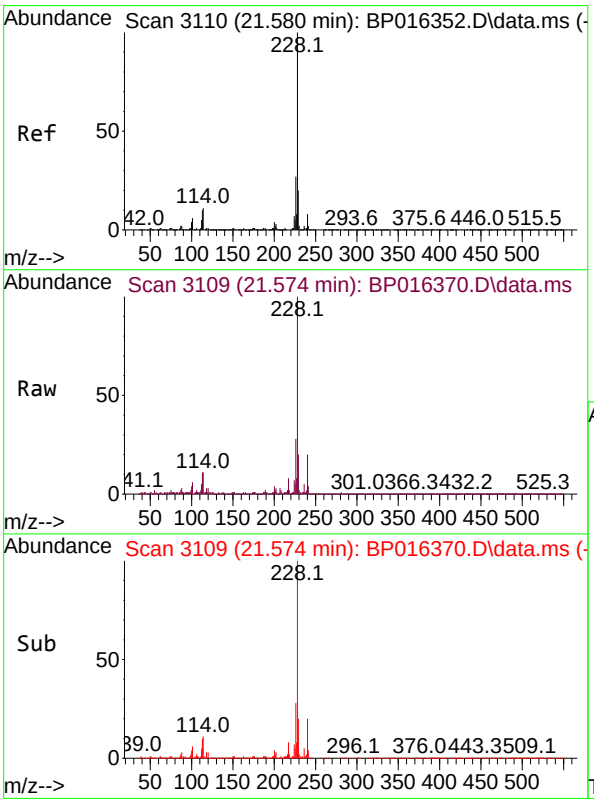
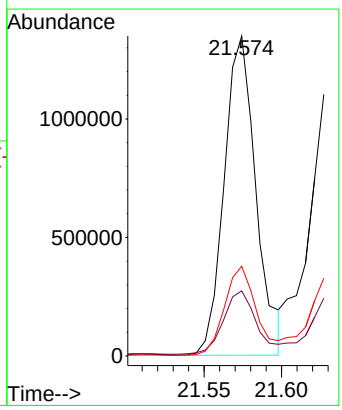
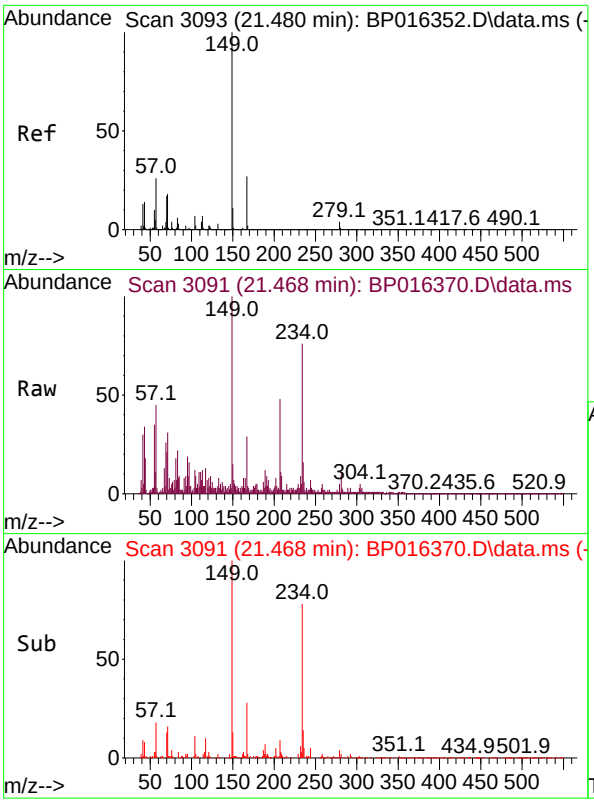


#85
Benzo(a)anthracene
Concen: 15.934 ng/ul
RT: 21.574 min Scan# 3109
Delta R.T. -0.009 min
Lab File: BP016370.D
Acq: 26 Jul 2023 04:58

Tgt Ion:228 Resp: 1918629

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.9	23.9
226	28.1	22.0	33.0





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.395 ng/ul
RT: 21.468 min Scan# 3
Delta R.T. -0.015 min
Lab File: BP016370.D
Acq: 26 Jul 2023 04:58

Tgt Ion:149 Resp: 10069

Ion	Ratio	Lower	Upper
149	100		
167	28.9	21.7	32.5
279	4.6	3.0	4.4

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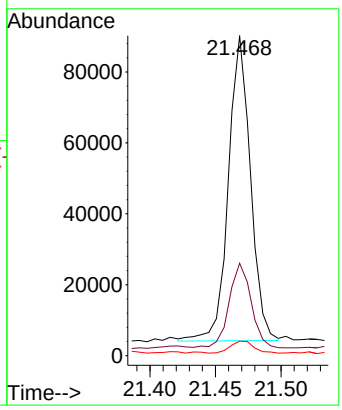
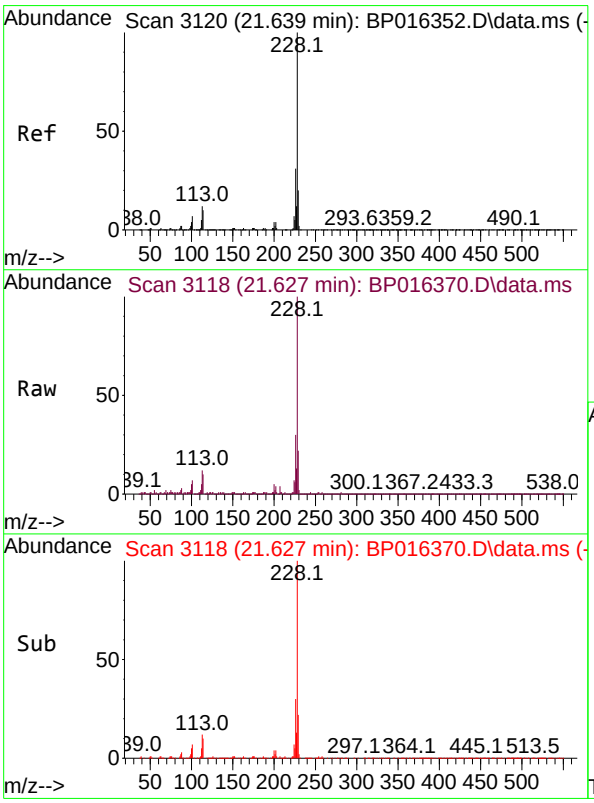
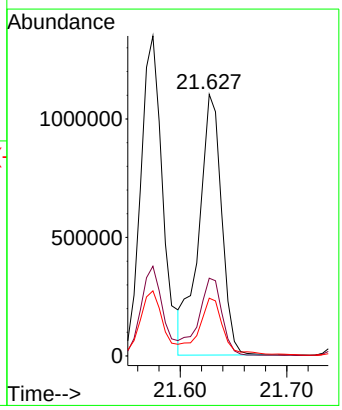


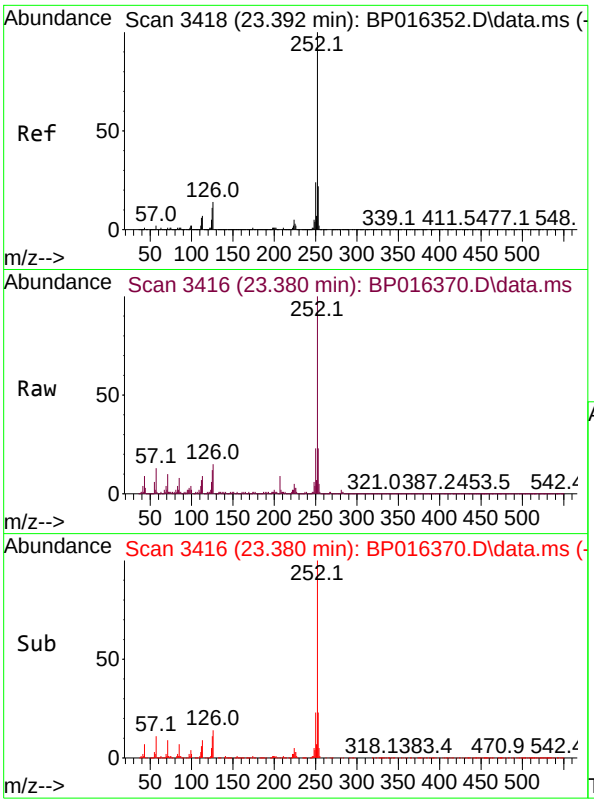


#87
Chrysene
Concen: 14.750 ng/ul
RT: 21.627 min Scan# 3118
Delta R.T. -0.015 min
Lab File: BP016370.D
Acq: 26 Jul 2023 04:58

Tgt Ion:228 Resp: 1644749

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.5	36.7
229	22.1	15.6	23.4

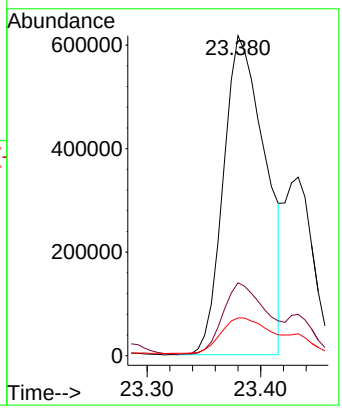




#90
Benzo(b)fluoranthene
Concen: 16.117 ng/ul
RT: 23.380 min Scan# 34
Delta R.T. -0.015 min
Lab File: BP016370.D
Acq: 26 Jul 2023 04:58

Tgt Ion:252 Resp: 157822

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	11.8	8.8	13.2



Instrument :
BNA_P
ClientSampleId :
A4736

Manual Integrations
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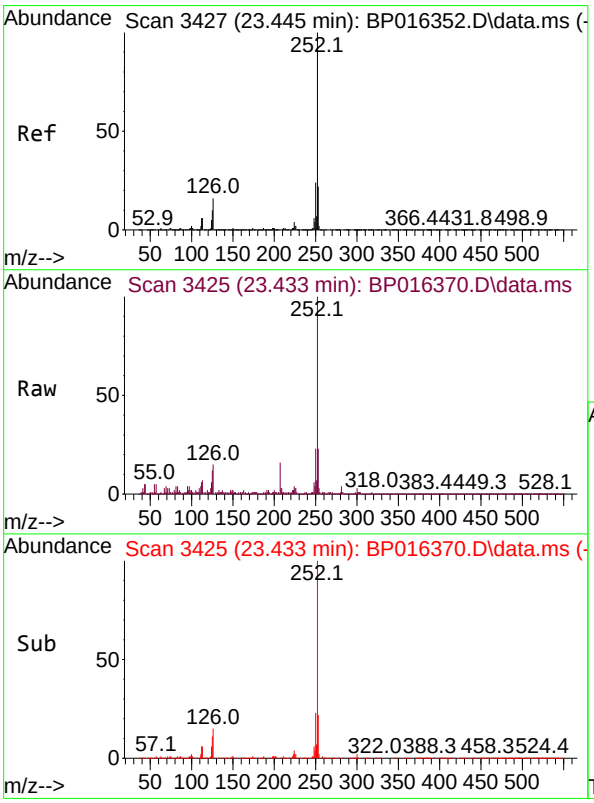
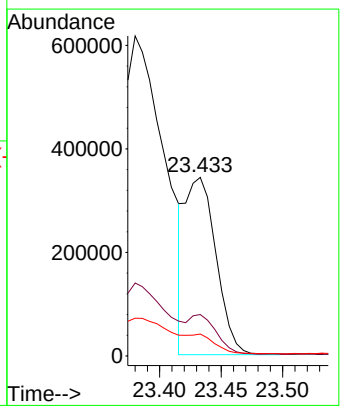
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023

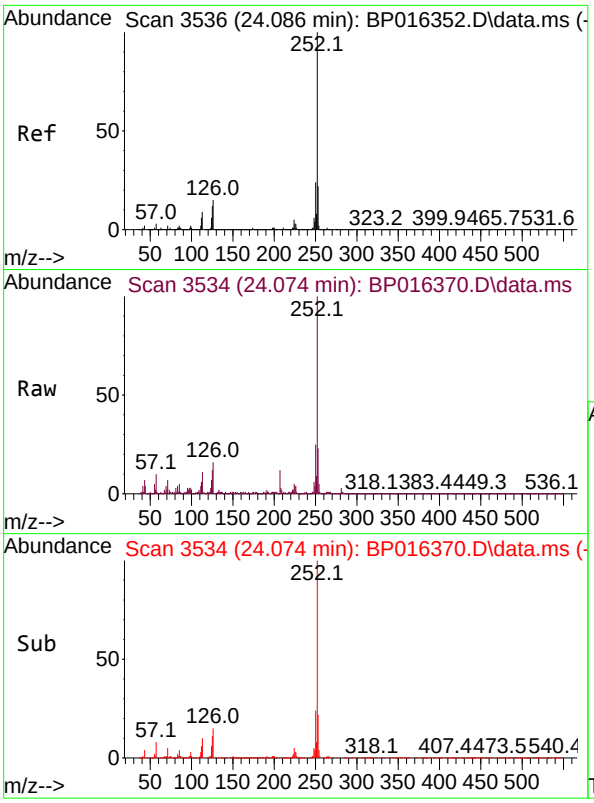


#91
Benzo(k)fluoranthene
Concen: 6.145 ng/ul m
RT: 23.433 min Scan# 3425
Delta R.T. -0.015 min
Lab File: BP016370.D
Acq: 26 Jul 2023 04:58

Tgt Ion:252 Resp: 598798

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	12.3	9.0	13.6

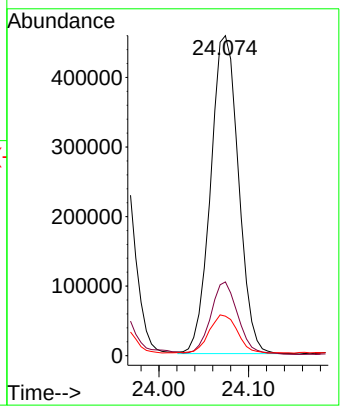




#93
Benzo(a)pyrene
Concen: 10.705 ng/ul
RT: 24.074 min Scan# 3
Delta R.T. -0.015 min
Lab File: BP016370.D
Acq: 26 Jul 2023 04:58

Tgt Ion:252 Resp: 98730

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	12.3	9.4	14.0



Instrument :
BNA_P
ClientSampleId :
A4736

Manual Integrations
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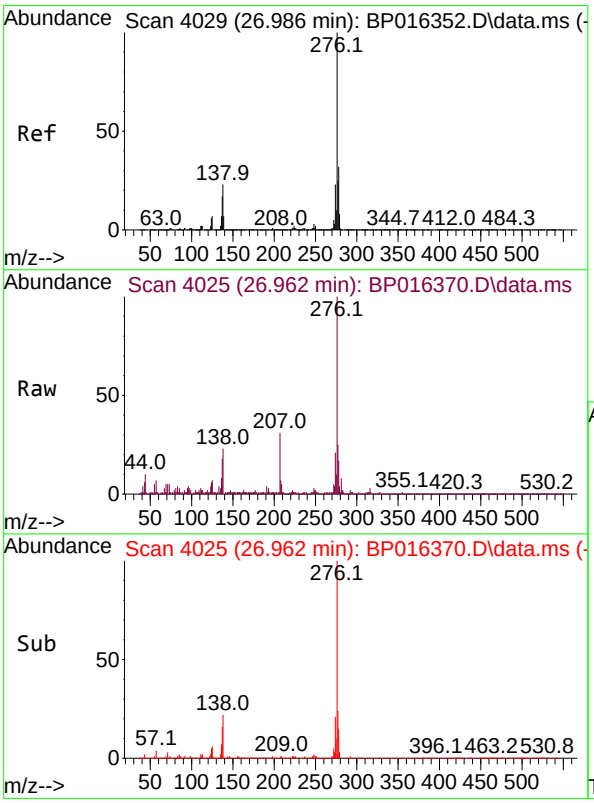
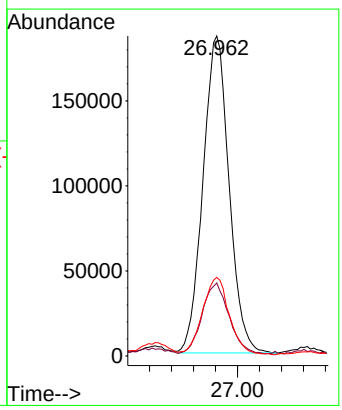
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023

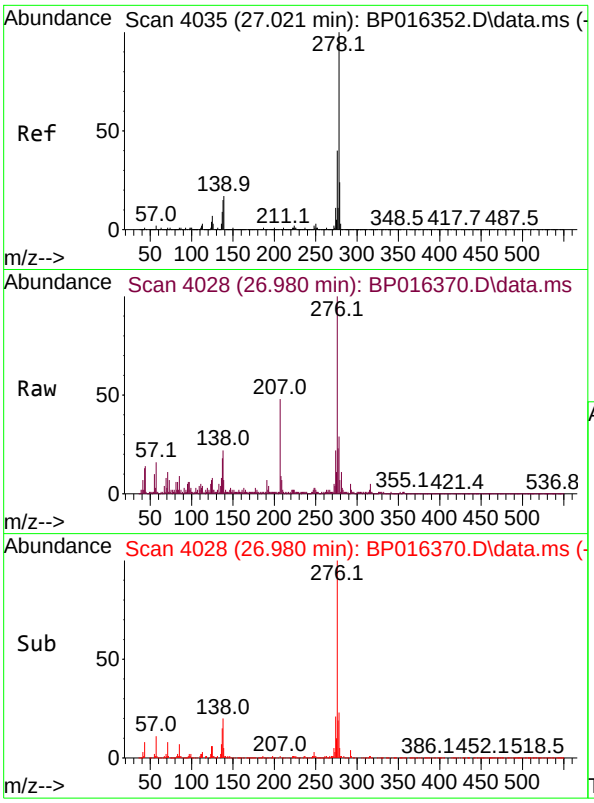


#94
Indeno(1,2,3-cd)pyrene
Concen: 5.769 ng/ul
RT: 26.962 min Scan# 4025
Delta R.T. -0.027 min
Lab File: BP016370.D
Acq: 26 Jul 2023 04:58

Tgt Ion:276 Resp: 614407

Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.1	27.1
277	24.6	19.0	28.4

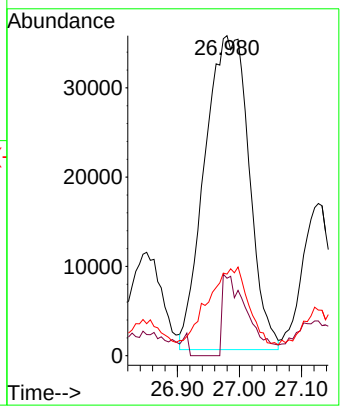




#95
Dibenzo(a,h)anthracene
Concen: 1.979 ng/ul m
RT: 26.980 min Scan# 4(
Delta R.T. -0.044 min
Lab File: BP016370.D
Acq: 26 Jul 2023 04:58

Tgt Ion:278 Resp: 17433

Ion	Ratio	Lower	Upper
278	100		
139	24.2	14.2	21.2
279	25.5	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
A4736

Manual Integrations
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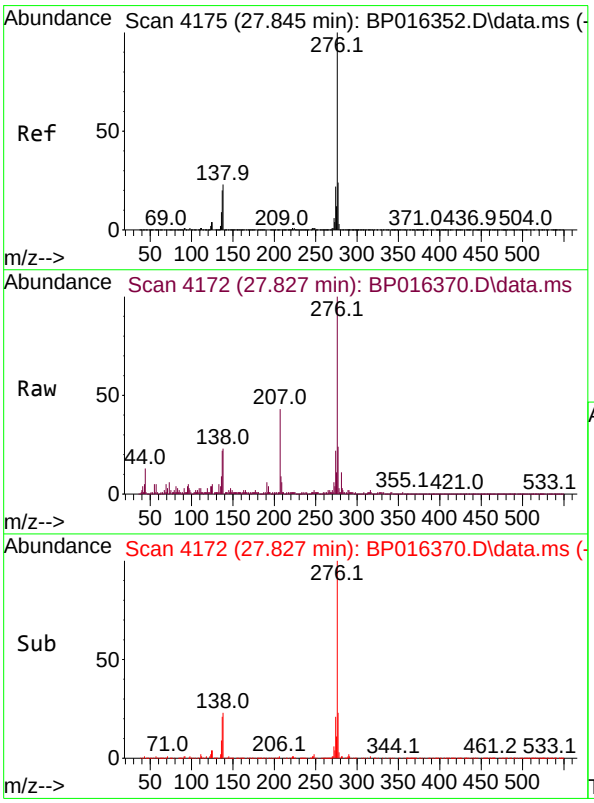
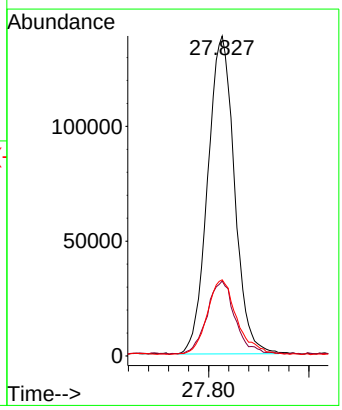
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#96
Benzo(g,h,i)perylene
Concen: 6.086 ng/ul
RT: 27.827 min Scan# 4172
Delta R.T. -0.033 min
Lab File: BP016370.D
Acq: 26 Jul 2023 04:58

Tgt Ion:276 Resp: 513155

Ion	Ratio	Lower	Upper
276	100		
138	23.4	17.8	26.6
277	23.8	19.0	28.4