Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
Data File : BM036562.D
Acq On : 16 Sep 2022 14:46
Operator : CG/JU
Sample : N4601-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 16 22:59:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A5755

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2022
Supervised By :mohammad ahmed 09/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	338564	20.000	ng/ul	0.00
20) Naphthalene-d8	10.839	136	1527161	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	997684	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2060465	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	2038556	20.000	ng/ul	0.00
88) Perylene-d12	23.997	264	2049928	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	33281	3.685	ng/uL	0.00
4) Pyridine-d5	3.846	84	14570m	0.553	ng/ul	0.03
7) Phenol-d5	7.169	99	652171	21.555	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	427323	23.257	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	529603	24.313	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	437525	19.571	ng/ul	0.00
21) Nitrobenzene-d5	9.186	128	272298	26.343	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	271264	29.298	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	547654	25.523	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	409297	11.473	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	1978512	29.404	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	2307813	28.914	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	244925	18.767	ng/ul	0.00
60) Fluorene-d10	15.639	176	1773322	29.408	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	181119	22.217	ng/ul	0.00
73) Anthracene-d10	17.486	188	2689931	28.553	ng/ul	0.00
81) Pyrene-d10	19.768	212	3204627	31.954	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.844	264	3024224	30.197	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.886	128	170511	2.050	ng/ul	99
36) 2-Methylnaphthalene	12.492	142	191844	3.461	ng/ul	97
37) 1-Methylnaphthalene	12.704	142	181558	3.258	ng/ul	96
72) Phenanthrene	17.427	178	538254	4.743	ng/ul	99
80) Fluoranthene	19.433	202	560592	4.562	ng/ul	99
82) Pyrene	19.792	202	498697	3.834	ng/ul	97
85) Benzo(a)anthracene	21.539	228	314446	2.462	ng/ul#	88
87) Chrysene	21.592	228	435602	3.593	ng/ul#	95
90) Benzo(b)fluoranthene	23.250	252	472037	3.631	ng/ul	98
91) Benzo(k)fluoranthene	23.297	252	144534m	1.113	ng/ul	
93) Benzo(a)pyrene	23.891	252	247372	2.165	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.544	276	167518	1.255	ng/ul	99
96) Benzo(g,h,i)perylene	27.321	276	140852	1.217	ng/ul	97

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

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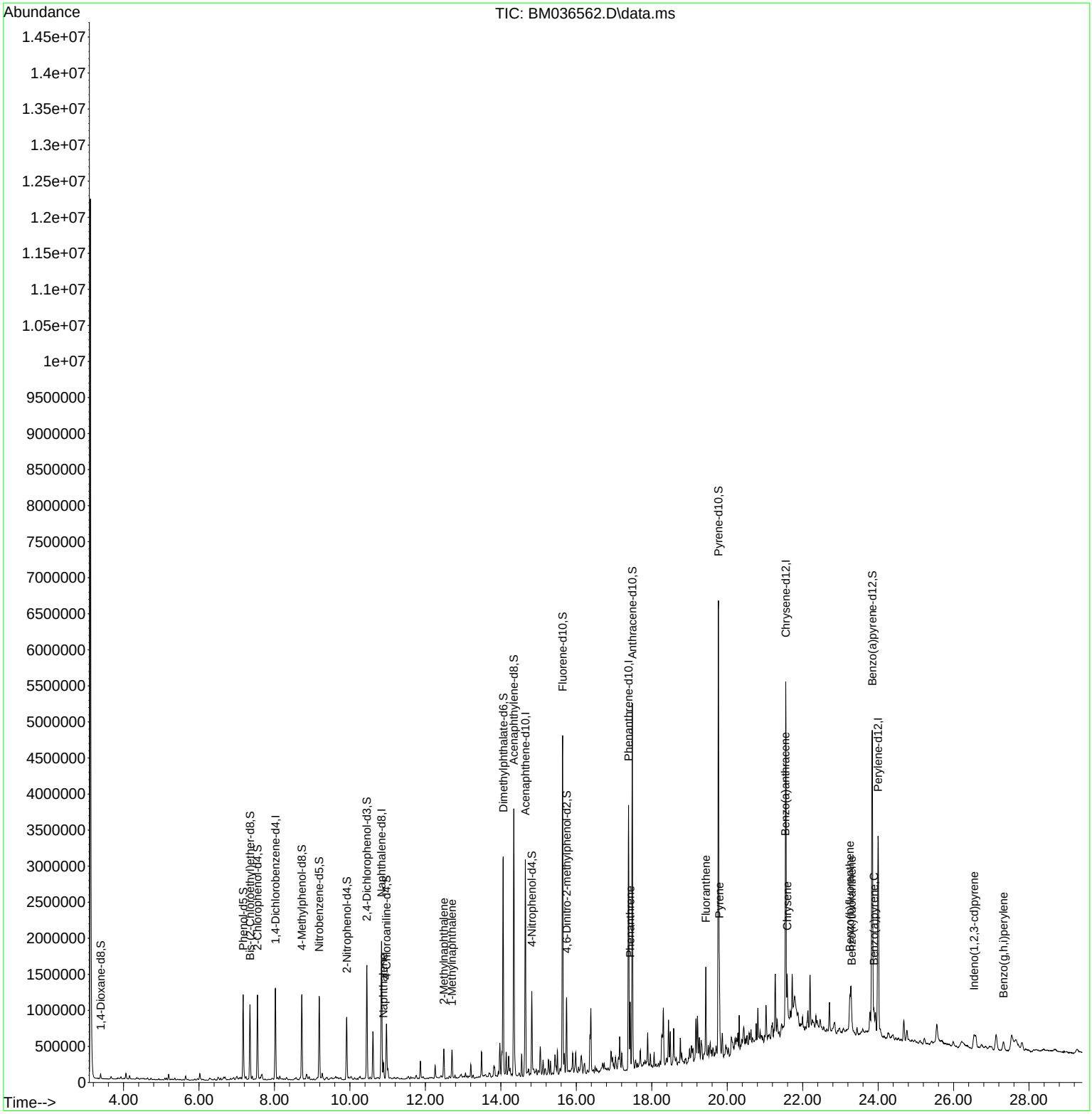
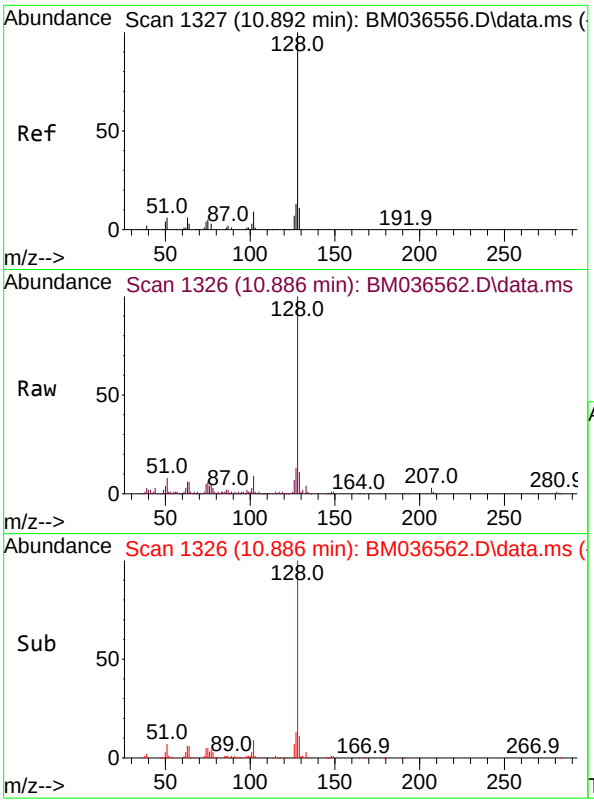
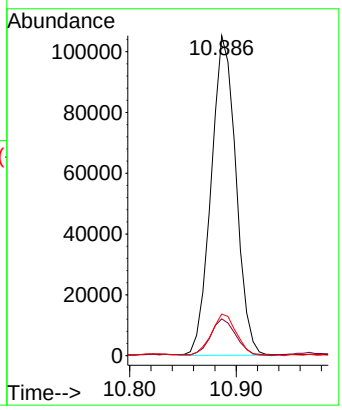




#30
Naphthalene
Concen: 2.050 ng/ul
RT: 10.886 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036562.D
Acq: 16 Sep 2022 14:46

Tgt Ion:128 Resp: 17051

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.7	13.1
127	13.0	10.3	15.5



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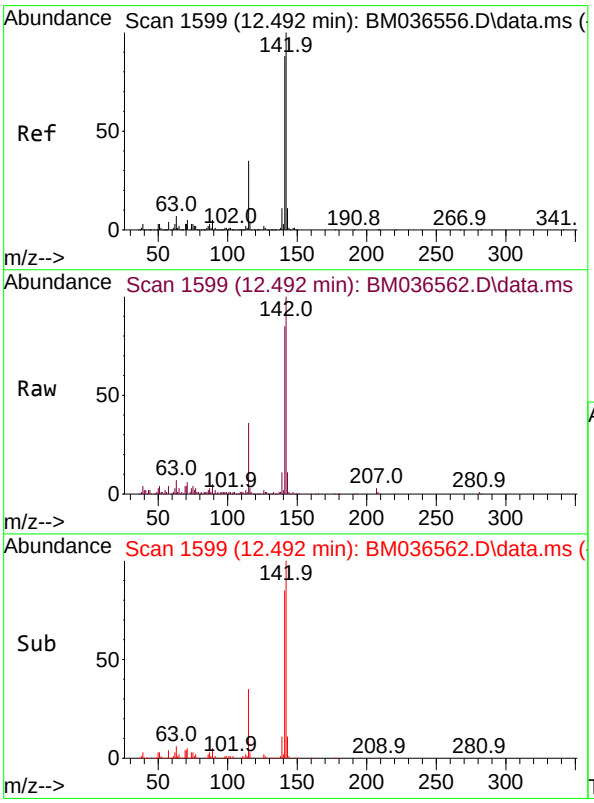
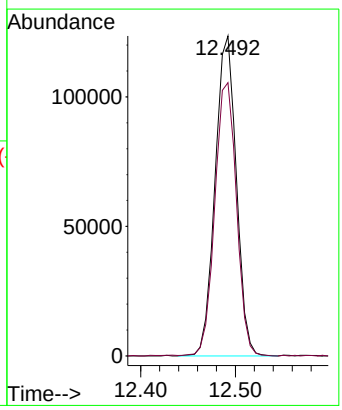
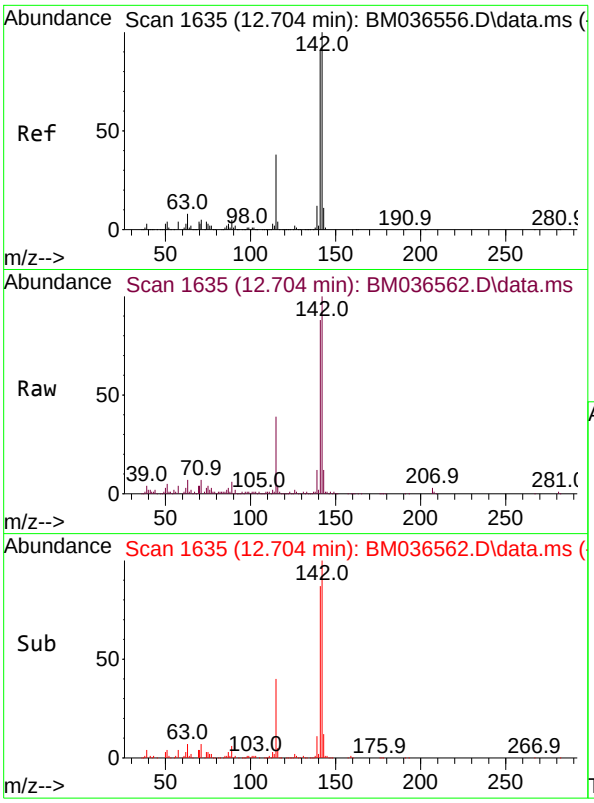


#36
2-Methylnaphthalene
Concen: 3.461 ng/ul
RT: 12.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BM036562.D
Acq: 16 Sep 2022 14:46

Tgt Ion:142 Resp: 191844

Ion	Ratio	Lower	Upper
142	100		
141	85.4	70.7	106.1

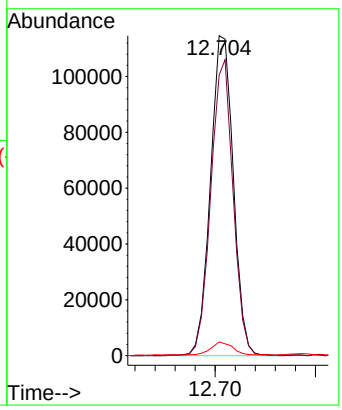




#37
1-Methylnaphthalene
Concen: 3.258 ng/ul
RT: 12.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036562.D
Acq: 16 Sep 2022 14:46

Tgt Ion:142 Resp: 18155

Ion	Ratio	Lower	Upper
142	100		
141	87.7	73.4	110.2
116	4.3	3.1	4.7



Instrument :
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ClientSampleId :
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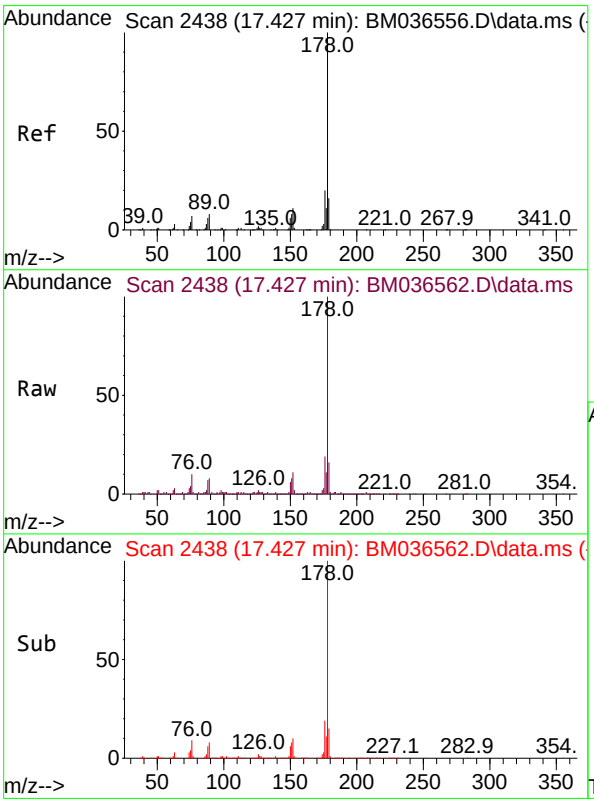
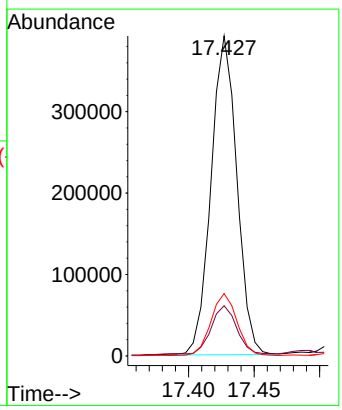
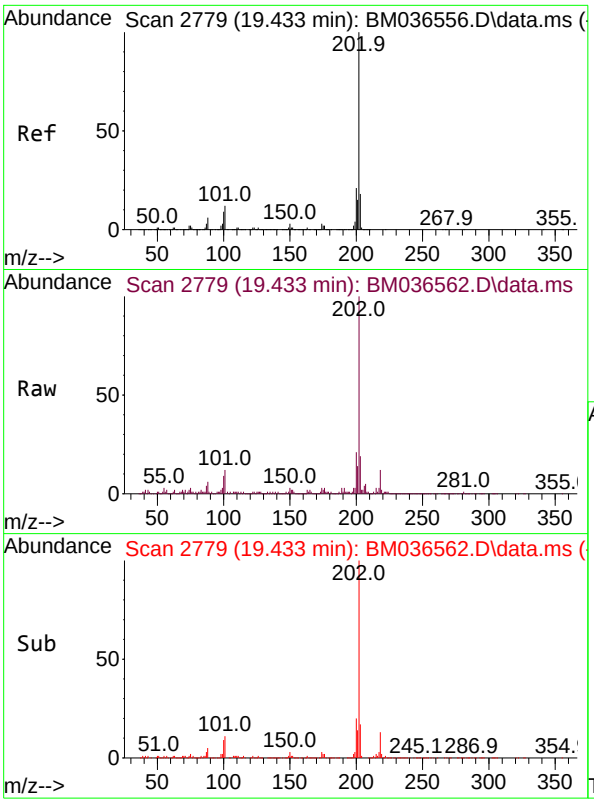


#72
Phenanthrene
Concen: 4.743 ng/ul
RT: 17.427 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BM036562.D
Acq: 16 Sep 2022 14:46

Tgt Ion:178 Resp: 538254

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.2
176	19.5	15.7	23.5

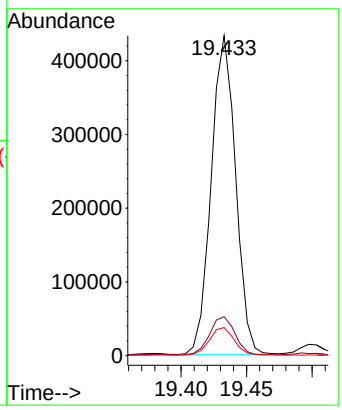




#80
Fluoranthene
Concen: 4.562 ng/ul
RT: 19.433 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM036562.D
Acq: 16 Sep 2022 14:46

Tgt Ion:202 Resp: 56059

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.6
100	8.8	7.4	11.2



Instrument :
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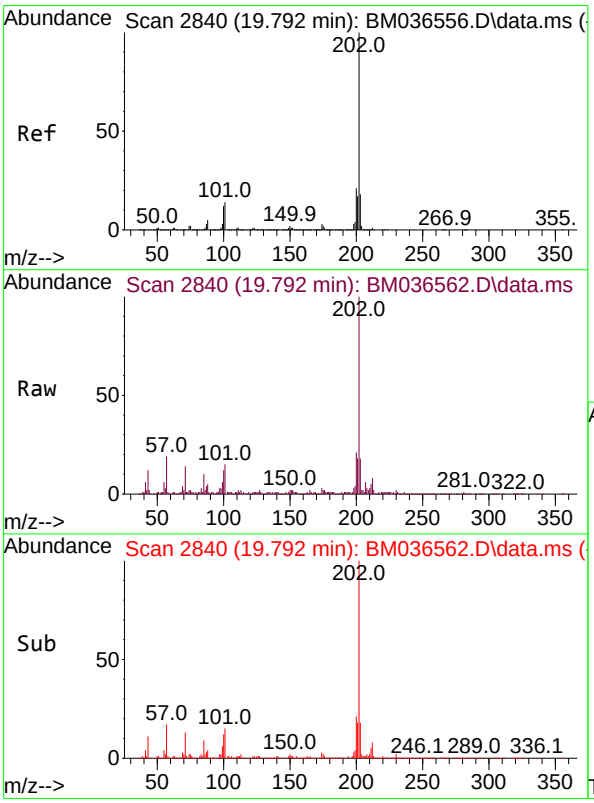
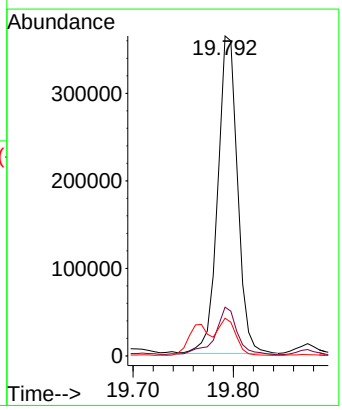
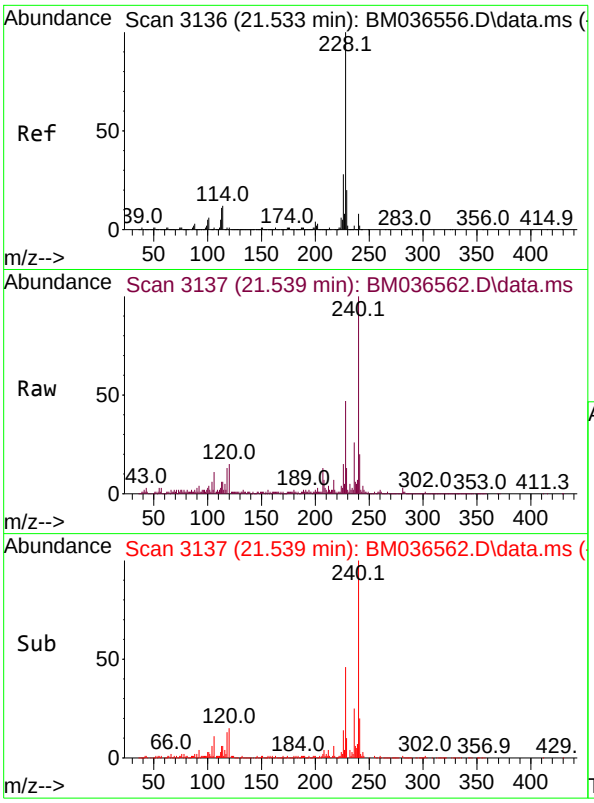


#82
Pyrene
Concen: 3.834 ng/ul
RT: 19.792 min Scan# 2840
Delta R.T. -0.006 min
Lab File: BM036562.D
Acq: 16 Sep 2022 14:46

Tgt Ion:202 Resp: 498697

Ion	Ratio	Lower	Upper
202	100		
101	15.2	10.9	16.3
100	11.8	8.7	13.1

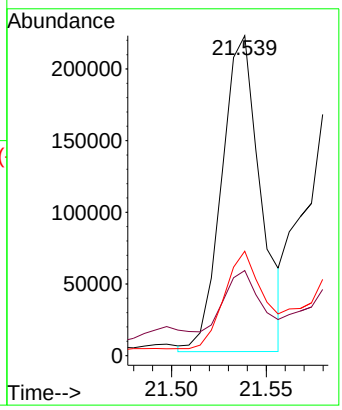




#85
Benzo(a)anthracene
Concen: 2.462 ng/ul
RT: 21.539 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM036562.D
Acq: 16 Sep 2022 14:46

Tgt Ion:228 Resp: 31444

Ion	Ratio	Lower	Upper
228	100		
229	26.6	15.8	23.8#
226	32.6	21.9	32.9



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ClientSampleId :
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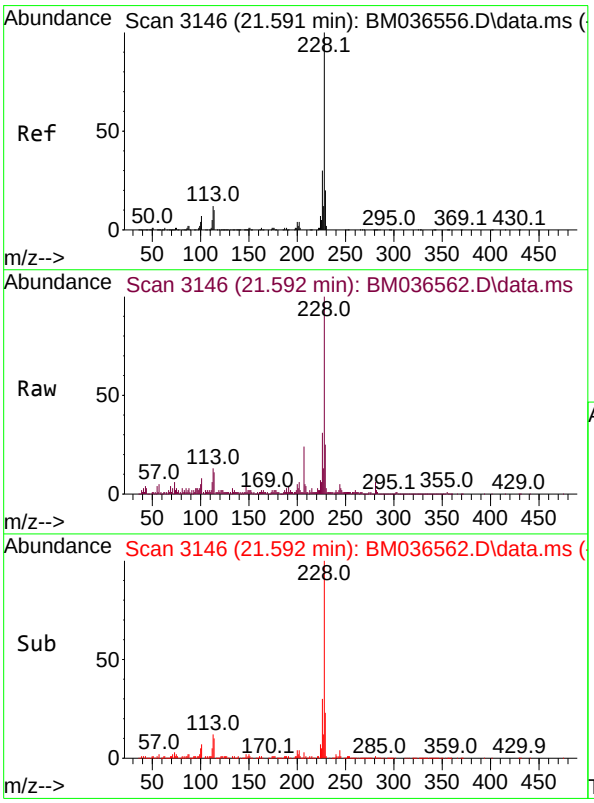
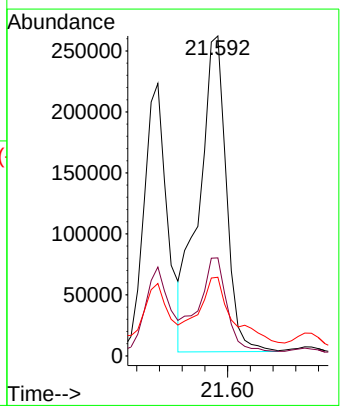
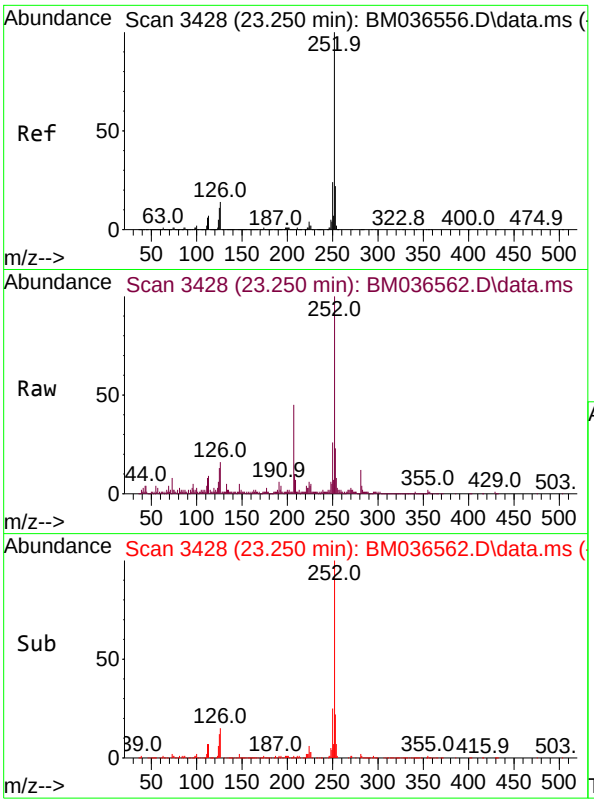


#87
Chrysene
Concen: 3.593 ng/ul
RT: 21.592 min Scan# 3146
Delta R.T. -0.000 min
Lab File: BM036562.D
Acq: 16 Sep 2022 14:46

Tgt Ion:228 Resp: 435602

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	24.6	15.6	23.4#

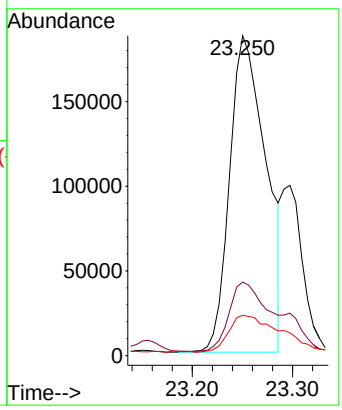




#90
Benzo(b)fluoranthene
Concen: 3.631 ng/ul
RT: 23.250 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM036562.D
Acq: 16 Sep 2022 14:46

Tgt Ion:252 Resp: 47203

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	12.6	9.1	13.7



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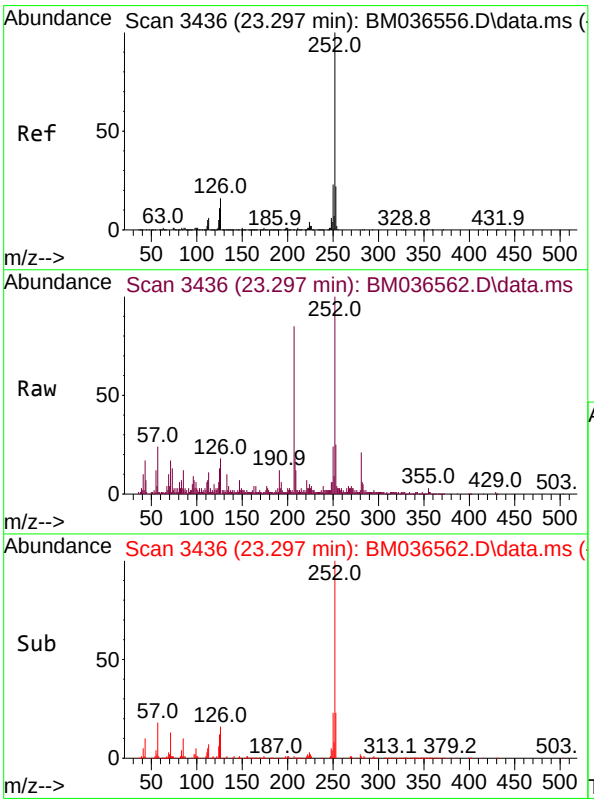
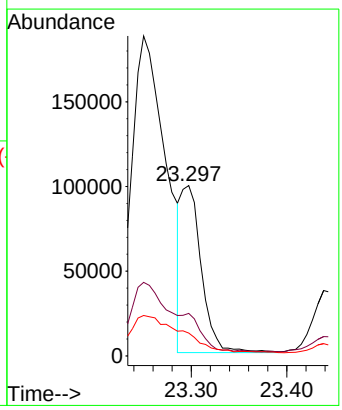
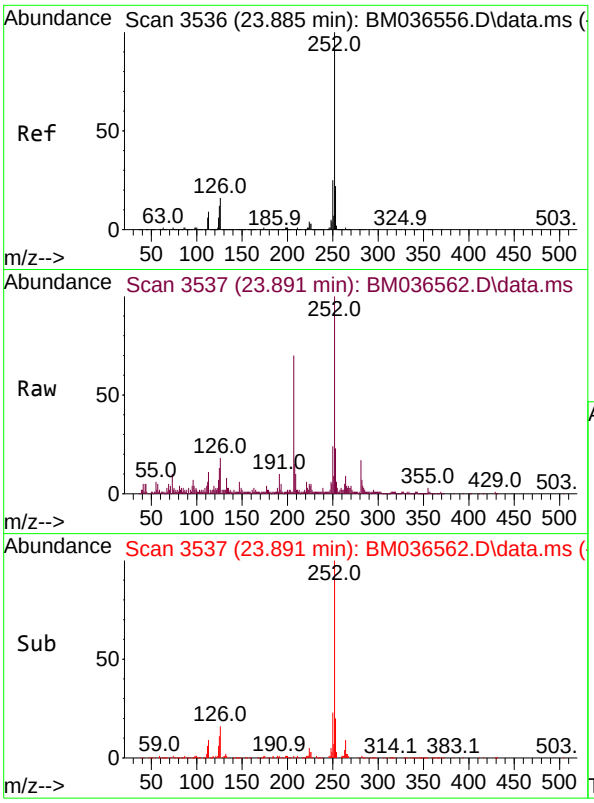


#91
Benzo(k)fluoranthene
Concen: 1.113 ng/ul m
RT: 23.297 min Scan# 3436
Delta R.T. -0.006 min
Lab File: BM036562.D
Acq: 16 Sep 2022 14:46

Tgt Ion:252 Resp: 144534

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.8	26.8
125	13.4	8.2	12.4#

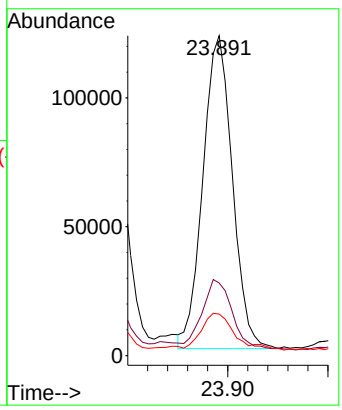




#93
Benzo(a)pyrene
Concen: 2.165 ng/ul
RT: 23.891 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM036562.D
Acq: 16 Sep 2022 14:46

Tgt Ion:252 Resp: 24737

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	13.0	9.5	14.3



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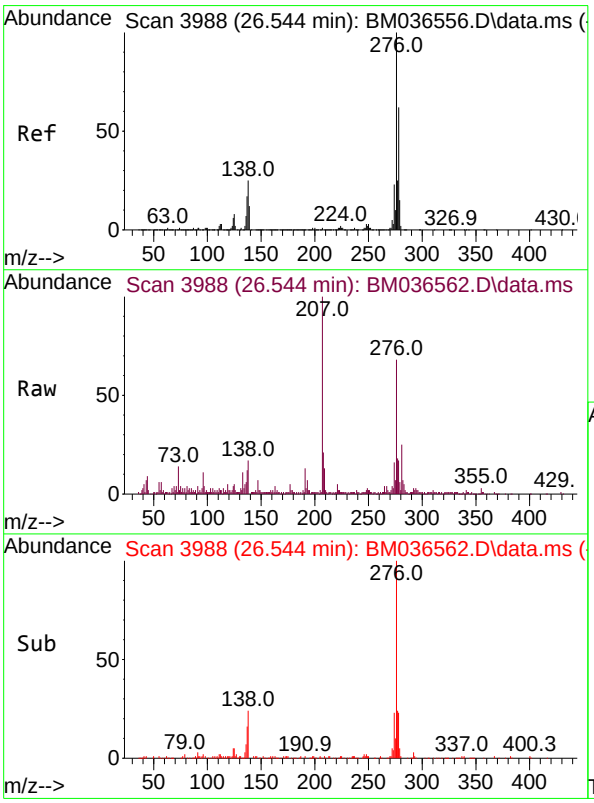
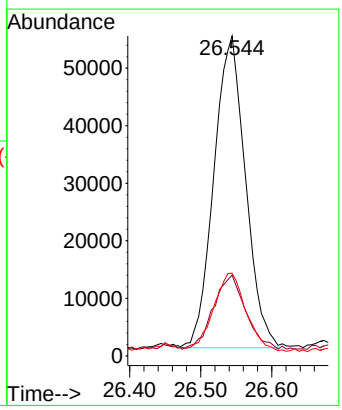
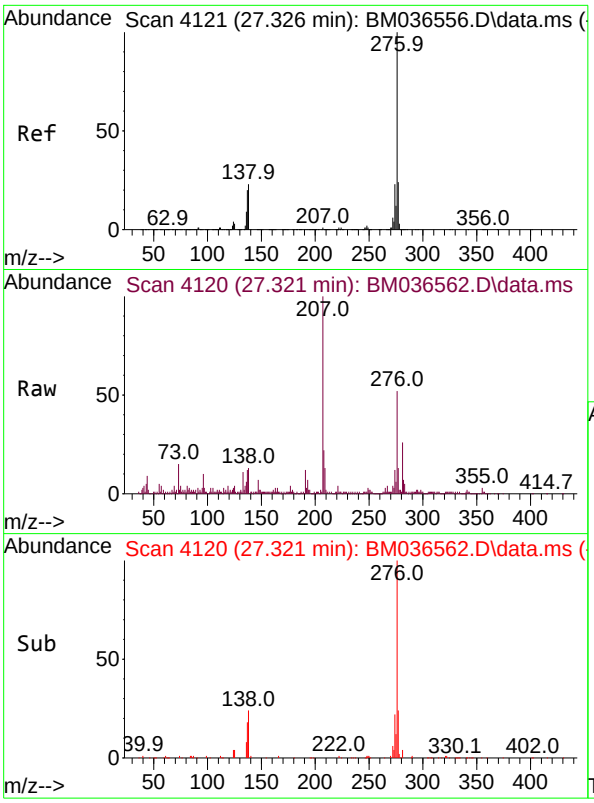


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.255 ng/ul
RT: 26.544 min Scan# 3988
Delta R.T. -0.006 min
Lab File: BM036562.D
Acq: 16 Sep 2022 14:46

Tgt Ion:276 Resp: 167518

Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.2	30.4
277	25.8	19.7	29.5

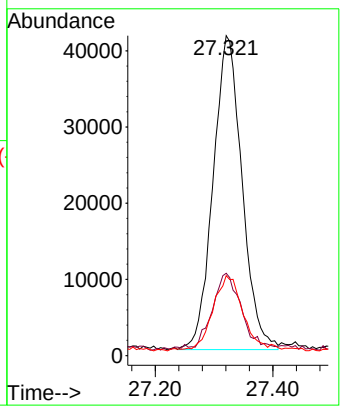




#96
Benzo(g,h,i)perylene
Concen: 1.217 ng/ul
RT: 27.321 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM036562.D
Acq: 16 Sep 2022 14:46

Tgt Ion:276 Resp: 140852

Ion	Ratio	Lower	Upper
276	100		
138	25.7	18.7	28.1
277	25.0	19.2	28.8



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