Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083123\
Data File : BP016898.D
Acq On : 31 Aug 2023 15:18
Operator : MA/JU
Sample : 04113-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 01 01:38:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 30 02:25:00 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
EZYH6

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	492950	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	1989431	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	1037169	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1719546	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	1420970	20.000	ng/ul	0.02
88) Perylene-d12	24.133	264	1667383	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	36325	3.046	ng/uL	0.00
4) Pyridine-d5	3.828	84	33958	0.932	ng/ul	0.02
7) Phenol-d5	7.169	99	666417	15.203	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	449009	16.072	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	536219	16.270	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	357600	9.994	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	263657	17.528	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	266143	16.786	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	446761	15.114	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	144319	3.184	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	1369213	17.505	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	1549135	17.520	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	123802	7.658	ng/ul	0.01
60) Fluorene-d10	15.675	176	1106160	16.794	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	18069	1.764	ng/ul	0.01
73) Anthracene-d10	17.551	188	1410319	18.503	ng/ul	0.00
81) Pyrene-d10	19.786	212	1436285	18.404	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.962	264	1507010	18.043	ng/ul	0.02
Target Compounds						Qvalue
16) Acetophenone	8.875	105	165507	2.983	ng/ul	99
30) Naphthalene	10.904	128	205719	1.996	ng/ul	99
36) 2-Methylnaphthalene	12.510	142	115429	1.623	ng/ul	100
72) Phenanthrene	17.492	178	317890	3.512	ng/ul	99
80) Fluoranthene	19.457	202	485858	5.183	ng/ul	98
82) Pyrene	19.816	202	554689	5.728	ng/ul	100
85) Benzo(a)anthracene	21.539	228	270296	2.762	ng/ul#	89
87) Chrysene	21.592	228	319591m	3.595	ng/ul	
90) Benzo(b)fluoranthene	23.327	252	478738	4.496	ng/ul#	72
91) Benzo(k)fluoranthene	23.380	252	126233	1.199	ng/ul#	47
93) Benzo(a)pyrene	24.015	252	301091	3.126	ng/ul#	70
94) Indeno(1,2,3-cd)pyrene	26.868	276	230257	2.340	ng/ul	92
96) Benzo(g,h,i)perylene	27.727	276	246977	3.310	ng/ul#	88

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

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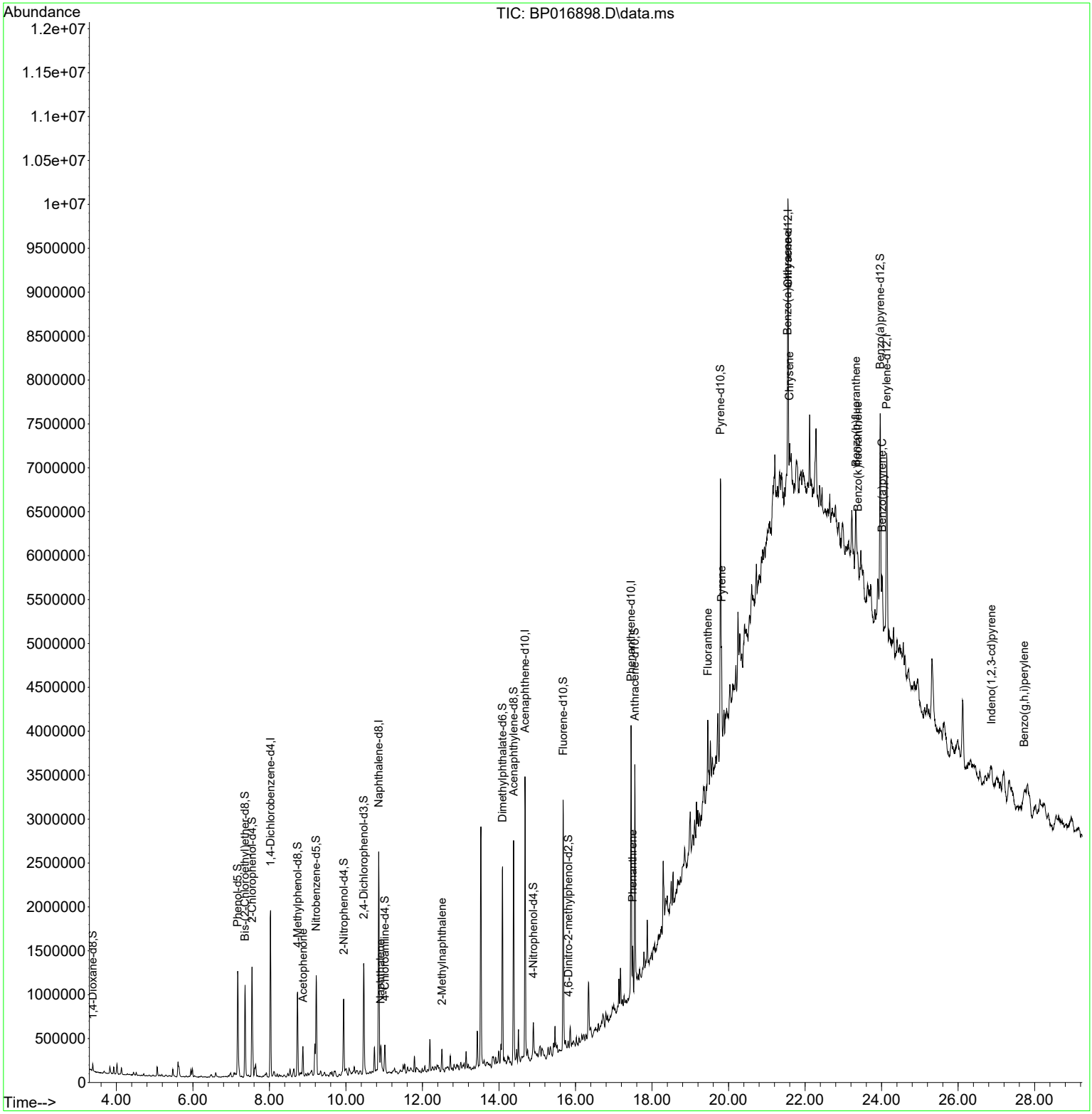

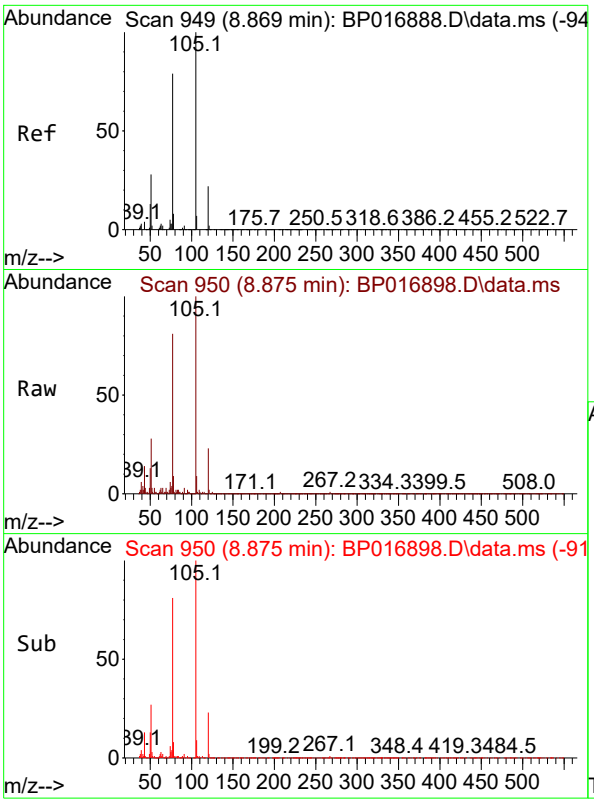

#16
Acetophenone
Concen: 2.983 ng/ul
RT: 8.875 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP016898.D
Acq: 31 Aug 2023 15:18

Tgt Ion:105 Resp: 16550

Ion	Ratio	Lower	Upper
105	100		
77	81.1	64.2	96.4
51	28.3	22.2	33.4

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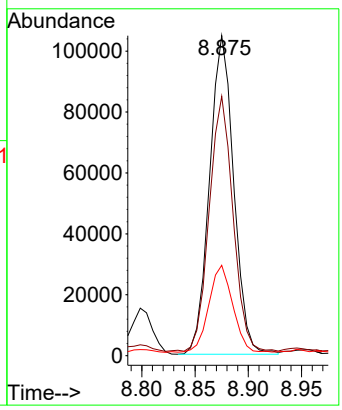
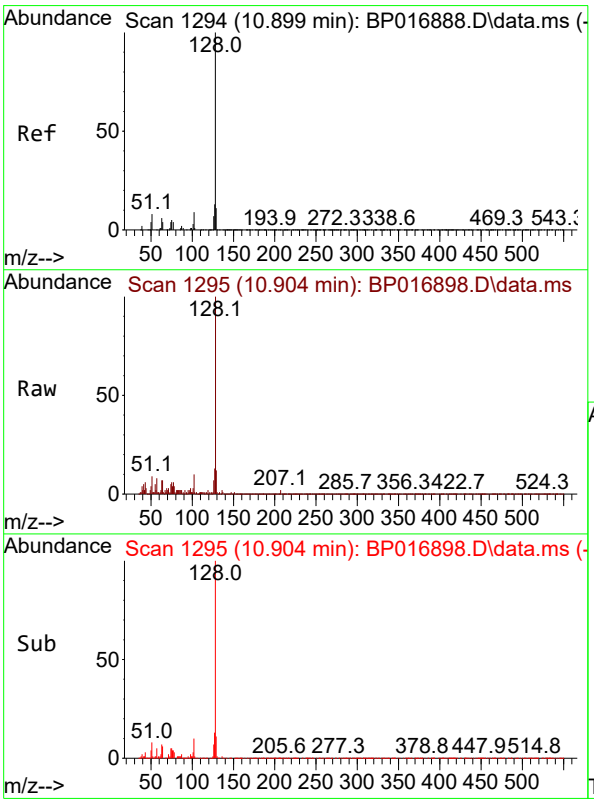
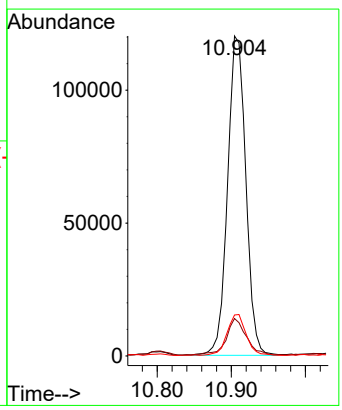


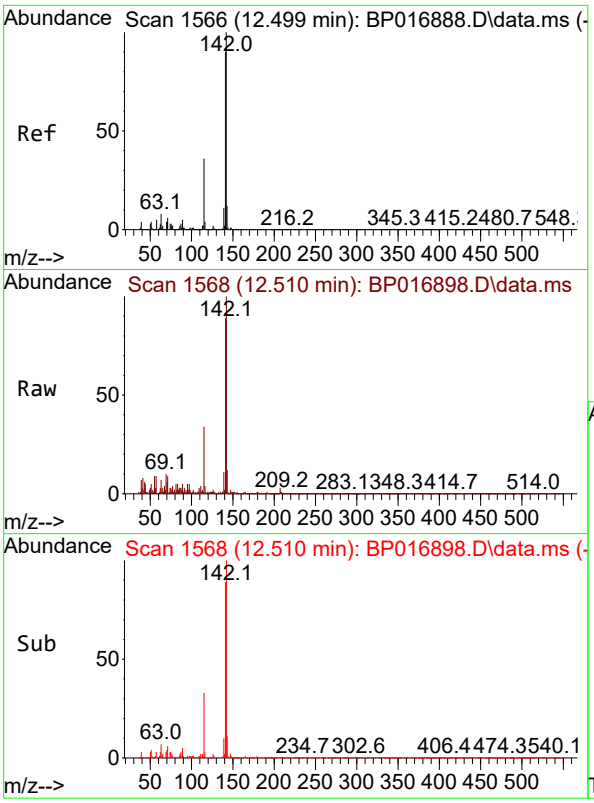


#30
Naphthalene
Concen: 1.996 ng/ul
RT: 10.904 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP016898.D
Acq: 31 Aug 2023 15:18

Tgt Ion:128 Resp: 205719

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	12.8	10.3	15.5

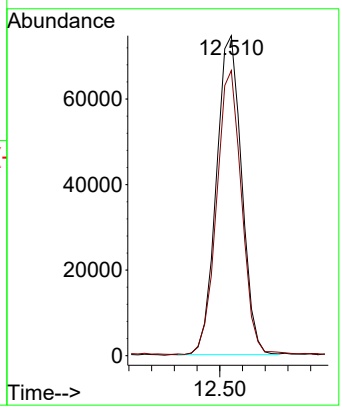




#36
2-Methylnaphthalene
Concen: 1.623 ng/ul
RT: 12.510 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP016898.D
Acq: 31 Aug 2023 15:18

Tgt Ion:142 Resp: 11542

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.0



Instrument :
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ClientSampleId :
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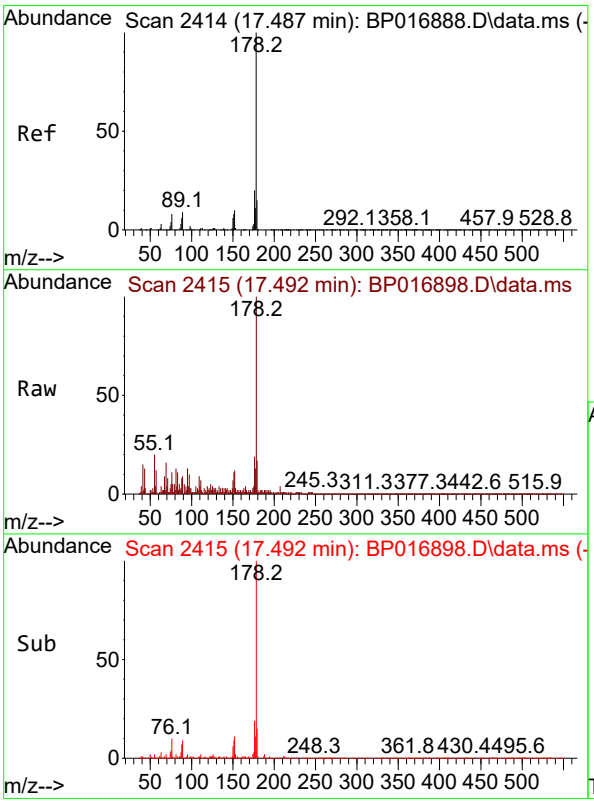
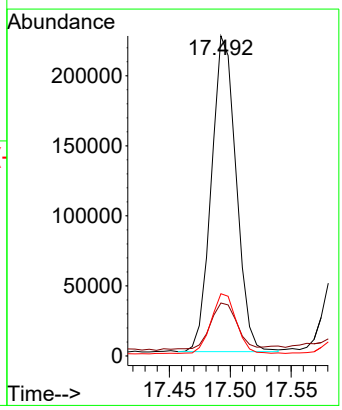
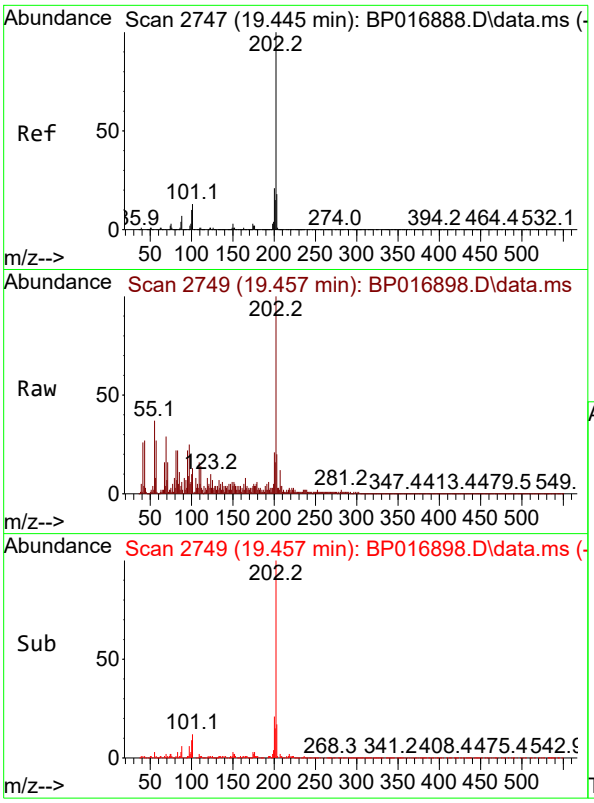


#72
Phenanthrene
Concen: 3.512 ng/ul
RT: 17.492 min Scan# 2415
Delta R.T. 0.006 min
Lab File: BP016898.D
Acq: 31 Aug 2023 15:18

Tgt Ion:178 Resp: 317890

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.4	18.6
176	19.5	15.6	23.4

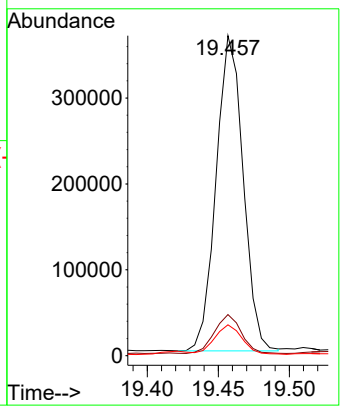




#80
Fluoranthene
Concen: 5.183 ng/ul
RT: 19.457 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP016898.D
Acq: 31 Aug 2023 15:18

Tgt Ion:202 Resp: 48585

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.7	14.5
100	9.7	7.4	11.2



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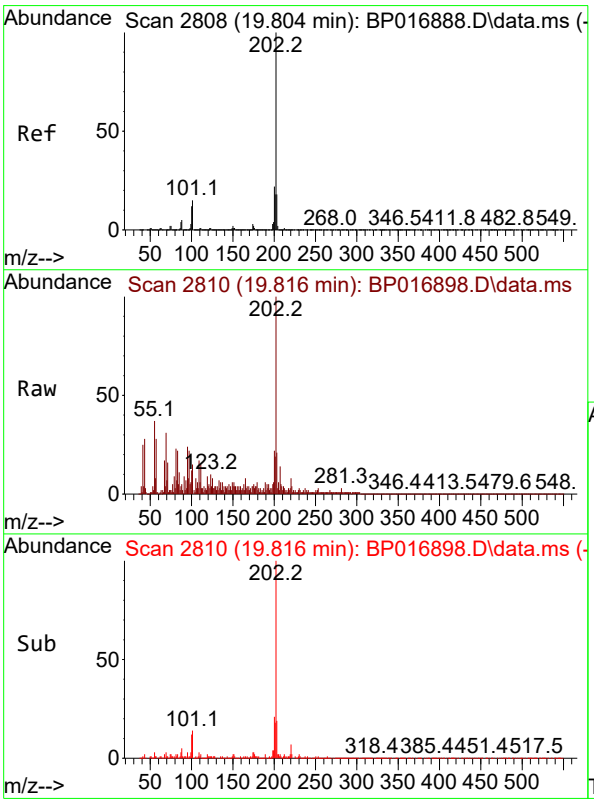
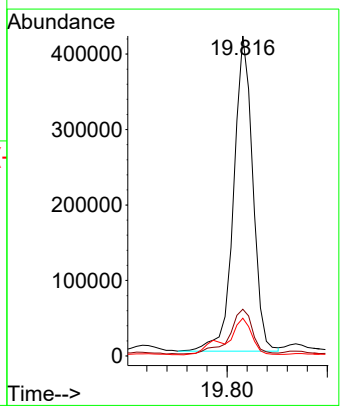
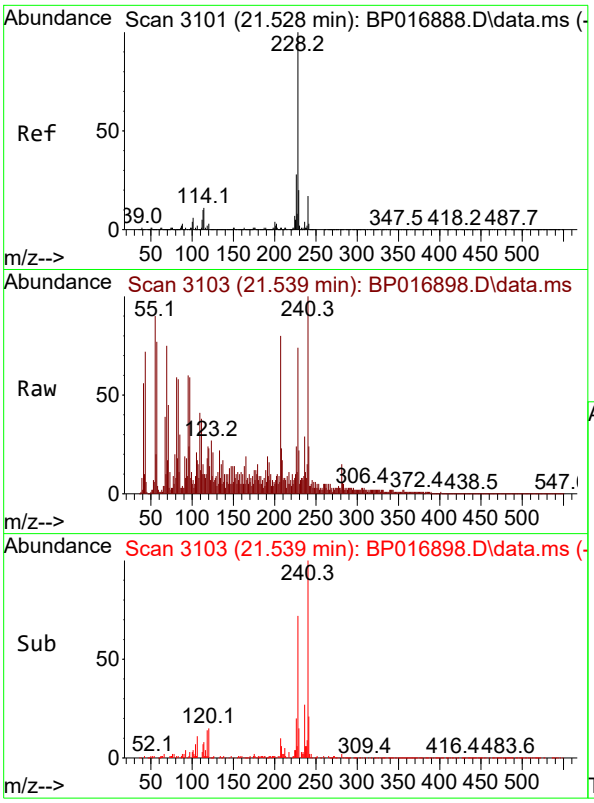


#82
Pyrene
Concen: 5.728 ng/ul
RT: 19.816 min Scan# 2810
Delta R.T. 0.006 min
Lab File: BP016898.D
Acq: 31 Aug 2023 15:18

Tgt Ion:202 Resp: 554689

Ion	Ratio	Lower	Upper
202	100		
101	14.6	11.4	17.2
100	11.8	9.4	14.2

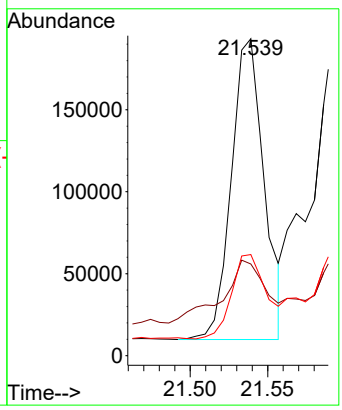




#85
Benzo(a)anthracene
Concen: 2.762 ng/ul
RT: 21.539 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP016898.D
Acq: 31 Aug 2023 15:18

Tgt Ion:228 Resp: 27029

Ion	Ratio	Lower	Upper
228	100		
229	28.9	16.2	24.4#
226	31.9	22.9	34.3



Instrument :
BNA_P
ClientSampleId :
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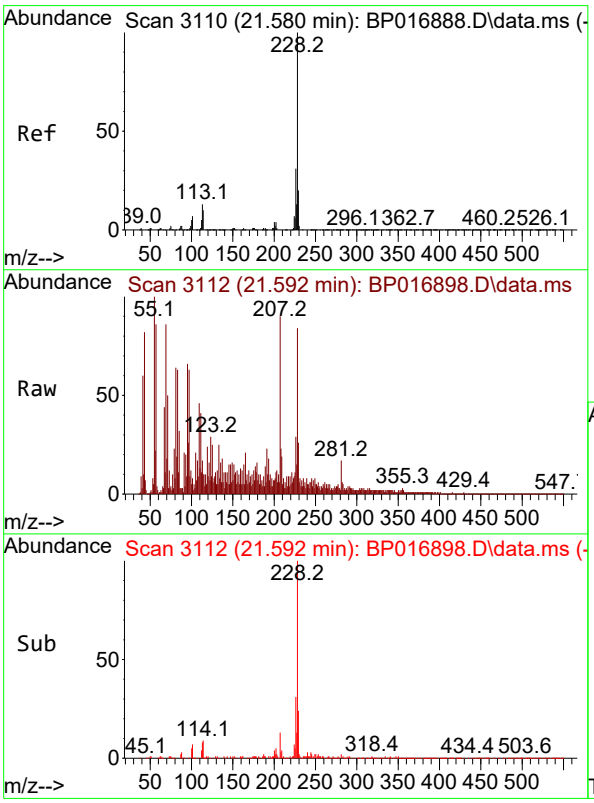
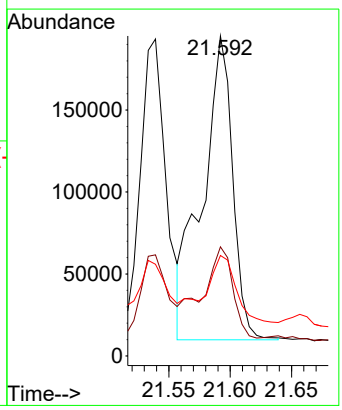
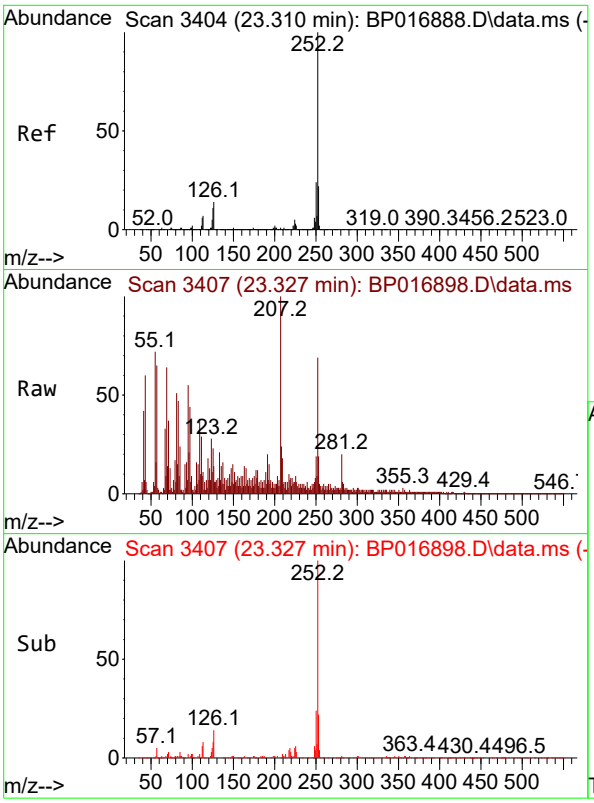


#87
Chrysene
Concen: 3.595 ng/ul m
RT: 21.592 min Scan# 3112
Delta R.T. 0.012 min
Lab File: BP016898.D
Acq: 31 Aug 2023 15:18

Tgt Ion:228 Resp: 319591

Ion	Ratio	Lower	Upper
228	100		
226	34.1	25.0	37.4
229	31.4	16.0	24.0#

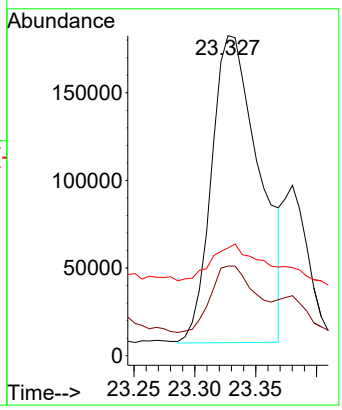




#90
Benzo(b)fluoranthene
Concen: 4.496 ng/ul
RT: 23.327 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP016898.D
Acq: 31 Aug 2023 15:18

Tgt Ion:252 Resp: 47873

Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.7	26.5#
125	33.7	9.0	13.4#



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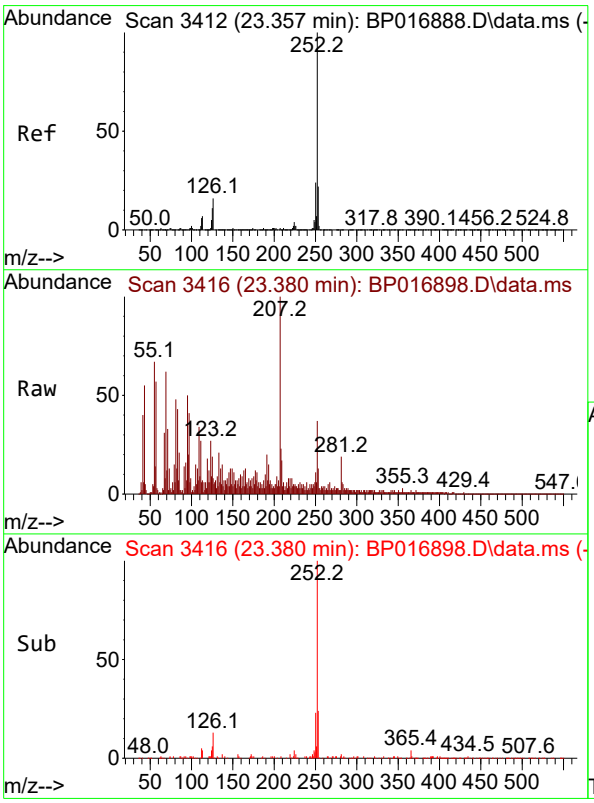
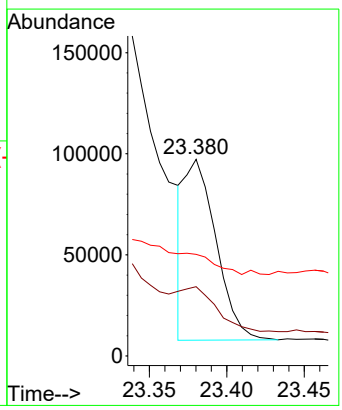
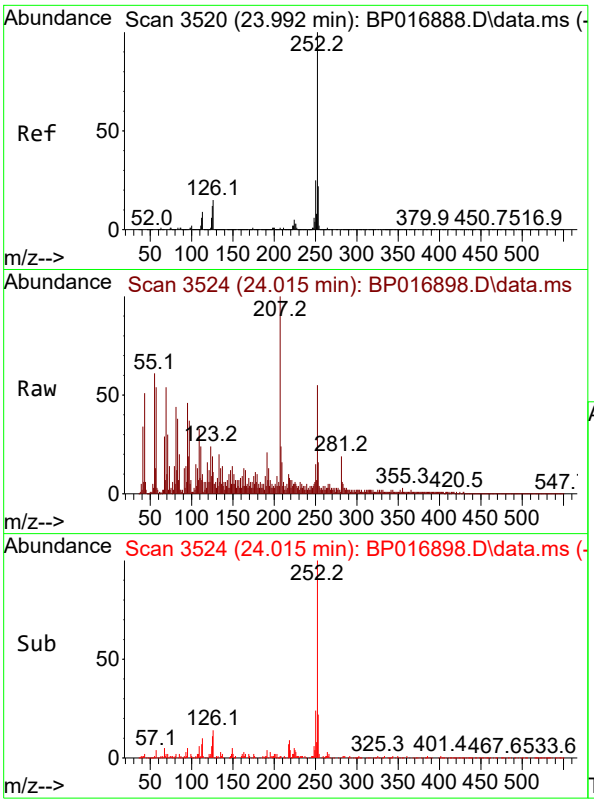


#91
Benzo(k)fluoranthene
Concen: 1.199 ng/ul
RT: 23.380 min Scan# 3416
Delta R.T. 0.018 min
Lab File: BP016898.D
Acq: 31 Aug 2023 15:18

Tgt Ion:252 Resp: 126233

Ion	Ratio	Lower	Upper
252	100		
253	35.2	18.1	27.1#
125	51.6	8.9	13.3#





#93
Benzo(a)pyrene
Concen: 3.126 ng/ul
RT: 24.015 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP016898.D
Acq: 31 Aug 2023 15:18

Tgt Ion:252 Resp: 30109

Ion	Ratio	Lower	Upper
252	100		
253	29.3	17.8	26.8
125	35.4	9.9	14.9

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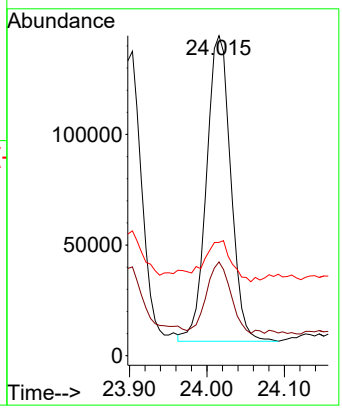
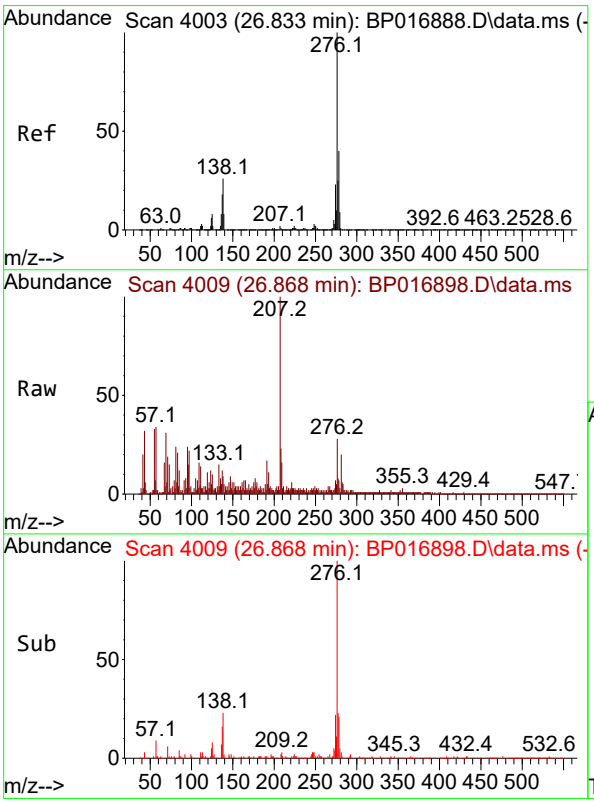
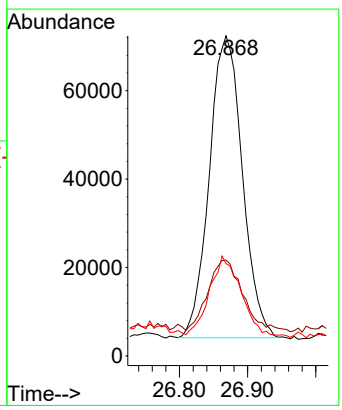


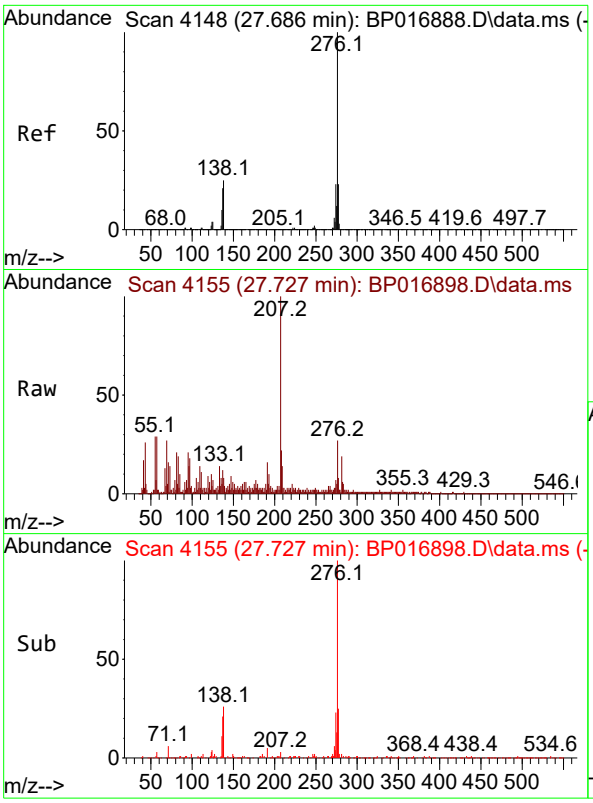


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.340 ng/ul
RT: 26.868 min Scan# 4009
Delta R.T. 0.035 min
Lab File: BP016898.D
Acq: 31 Aug 2023 15:18

Tgt Ion:276 Resp: 230257

Ion	Ratio	Lower	Upper
276	100		
138	29.9	20.9	31.3
277	28.9	19.8	29.6

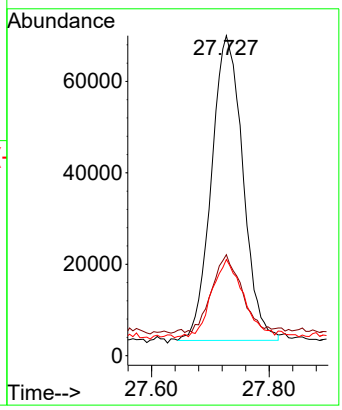




#96
Benzo(g,h,i)perylene
Concen: 3.310 ng/ul
RT: 27.727 min Scan# 4
Delta R.T. 0.041 min
Lab File: BP016898.D
Acq: 31 Aug 2023 15:18

Tgt Ion:276 Resp: 24697

Ion	Ratio	Lower	Upper
276	100		
138	31.6	20.2	30.4#
277	30.1	19.3	28.9#



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