Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014804.D
Acq On : 24 Apr 2018 08:04
Operator : SJ/JU
Sample : J2434-19DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Manual Integrations APPROVED
Sohil
4/24/2018 7:13:49 PM

Quant Time: Apr 24 14:59:24 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration

4/24/2018 7:13:49 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	400902	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1703092	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	895286	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	1889499	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	1883412	20.00	ng/ul	0.00
83) Perylene-d12	24.42	264	1991560	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.67	96	9897m	1.08	ng/uL	0.00
5) Phenol-d5	7.65	99	146640	4.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	108741	5.47	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	129900	5.01	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	108150	4.38	ng/ul	0.00
19) Nitrobenzene-d5	9.70	128	60974	4.95	ng/ul	0.00
22) 2-Nitrophenol-d4	10.43	143	57310	4.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	116200	4.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	136069	5.53	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	354941	5.08	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	439486	5.09	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	29327	2.26	ng/ul	0.00
57) Fluorene-d10	16.10	176	310050	5.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	12123	1.19	ng/ul	0.00
70) Anthracene-d10	17.93	188	450795	5.12	ng/ul	0.00
76) Pyrene-d10	20.17	212	486550	5.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.26	264	483958	4.95	ng/ul	0.00
Target Compounds						Qvalue
69) Phenanthrene	17.88	178	195984	1.931	ng/ul	96
74) Fluoranthene	19.84	202	1068942	9.662	ng/ul#	82
77) Pyrene	20.20	202	1194382	10.854	ng/ul#	78
80) Benzo(a)anthracene	21.91	228	1044589	9.484	ng/ul	98
82) Chrysene	21.96	228	1147932	11.134	ng/ul	97
85) Benzo(b)fluoranthene	23.66	252	2242572	19.102	ng/ul#	95
86) Benzo(k)fluoranthene	23.70	252	677732m	6.003	ng/ul	
88) Benzo(a)pyrene	24.31	252	1684078	15.122	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	27.00	276	1265403	9.393	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.99	278	321222	2.832	ng/ul#	90
91) Benzo(g,h,i)perylene	27.80	276	1309263	11.813	ng/ul#	90

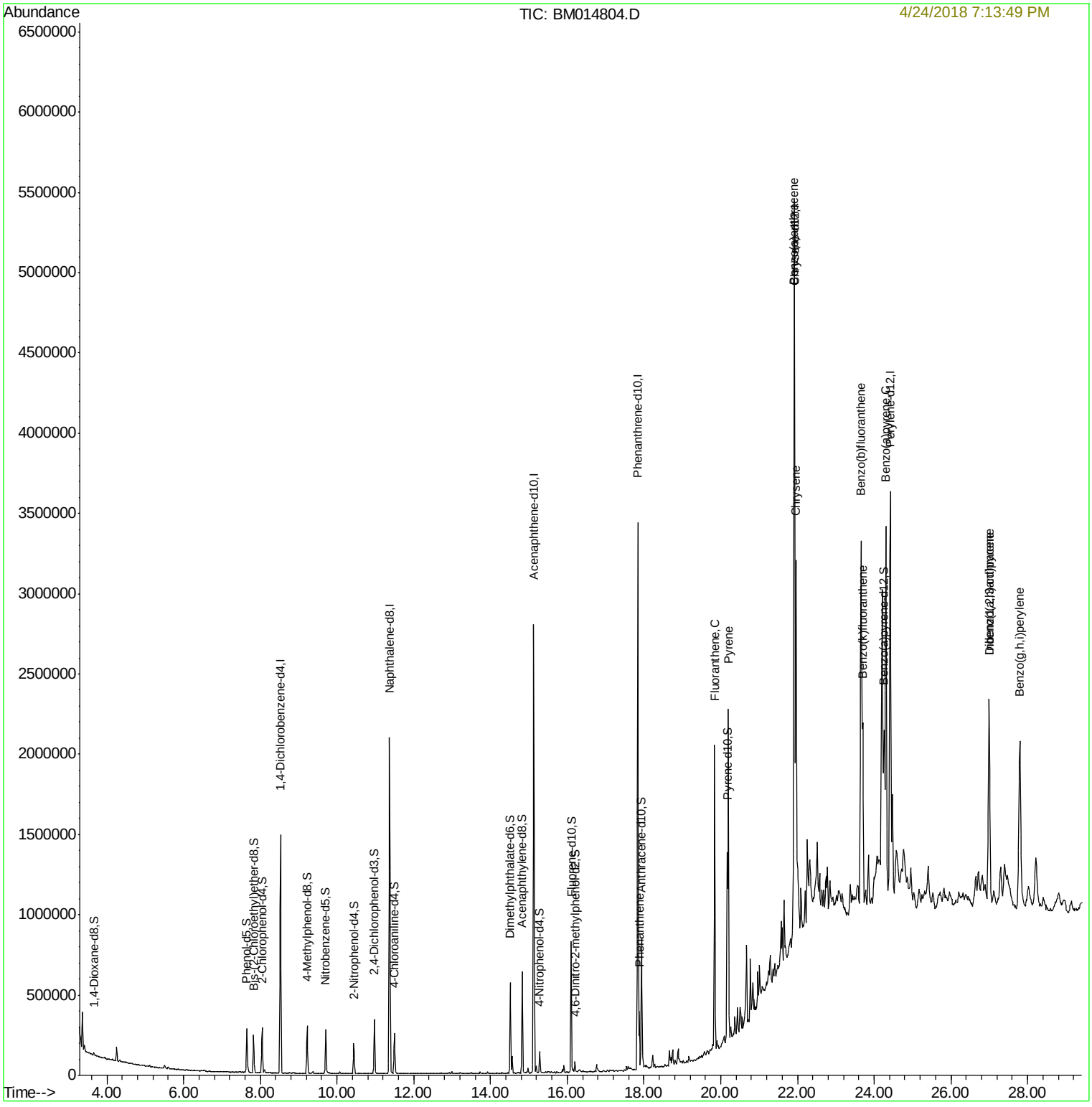
(#) = qualifier out of range (m) = manual integration (+) = signals summed

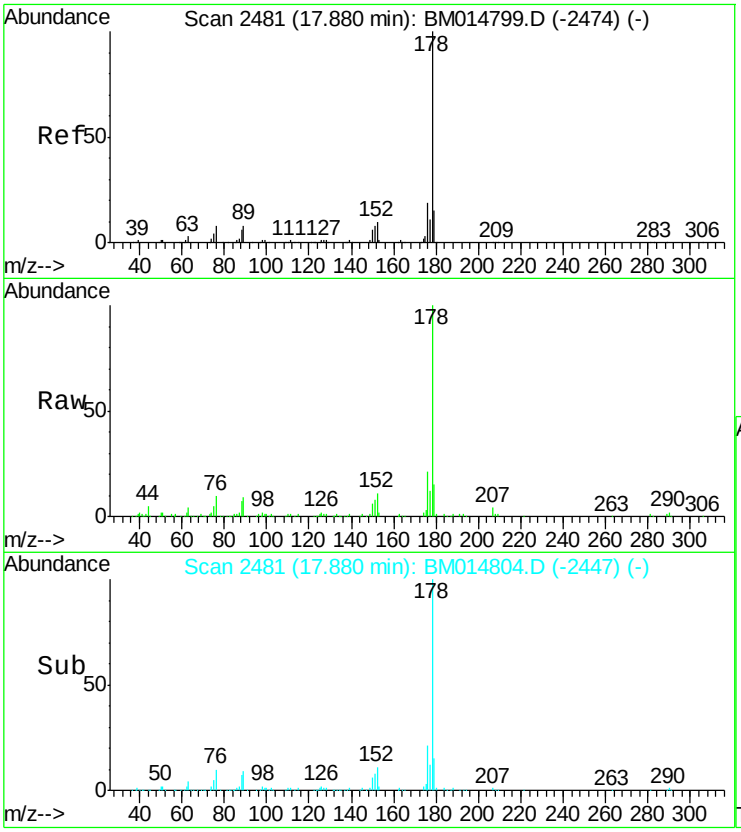
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014804.D
Acq On : 24 Apr 2018 08:04
Operator : SJ/JU
Sample : J2434-19DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Apr 24 14:59:24 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Manual Integrations APPROVED
Sohil
4/24/2018 7:13:49 PM

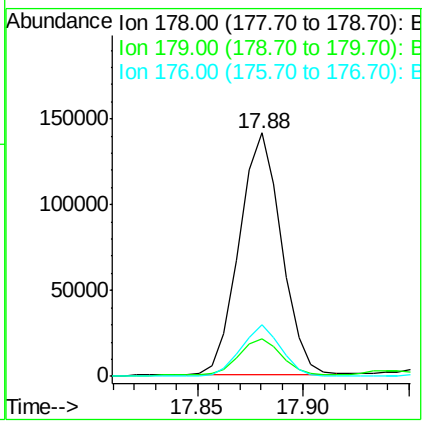




#69
Phenanthrene
Concen: 1.931 ng/ul
RT: 17.88 min Scan# 2481
Delta R.T. 0.00 min
Lab File: BM014804.D
Acq: 24 Apr 2018 08:04

Tgt Ion:178 Resp: 195984

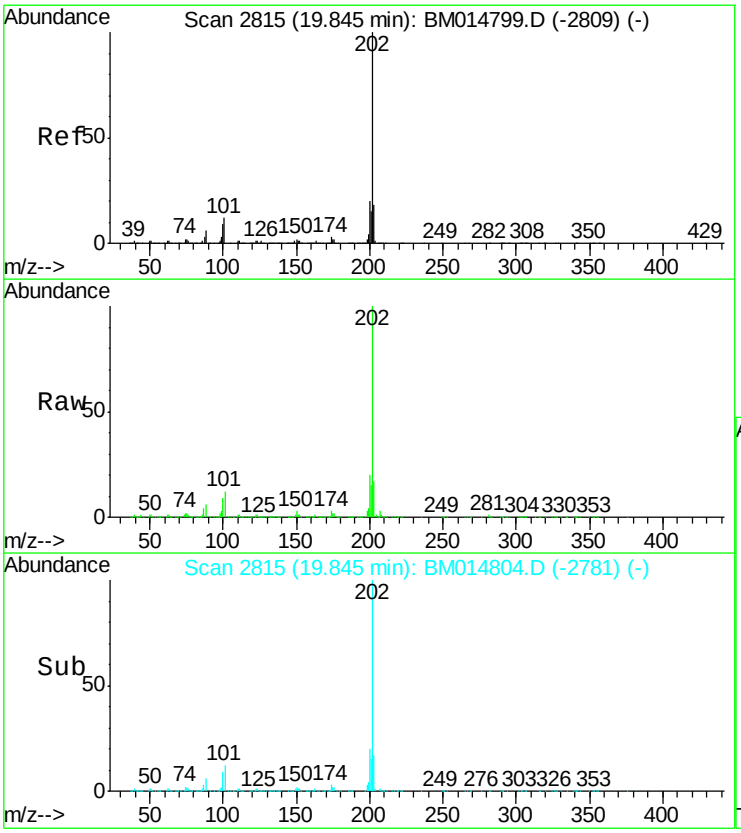
Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	21.1	14.9	22.3



Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Manual Integrations APPROVED
Sohil
4/24/2018 7:13:49 PM

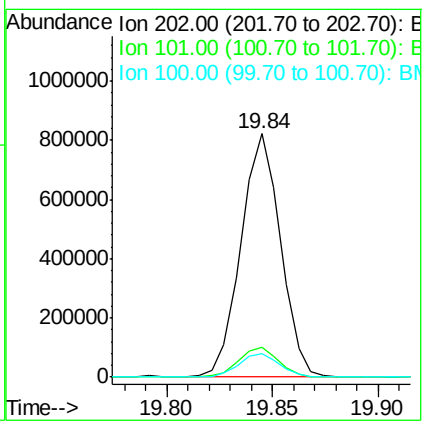
4/24/2018 7:13:49 PM

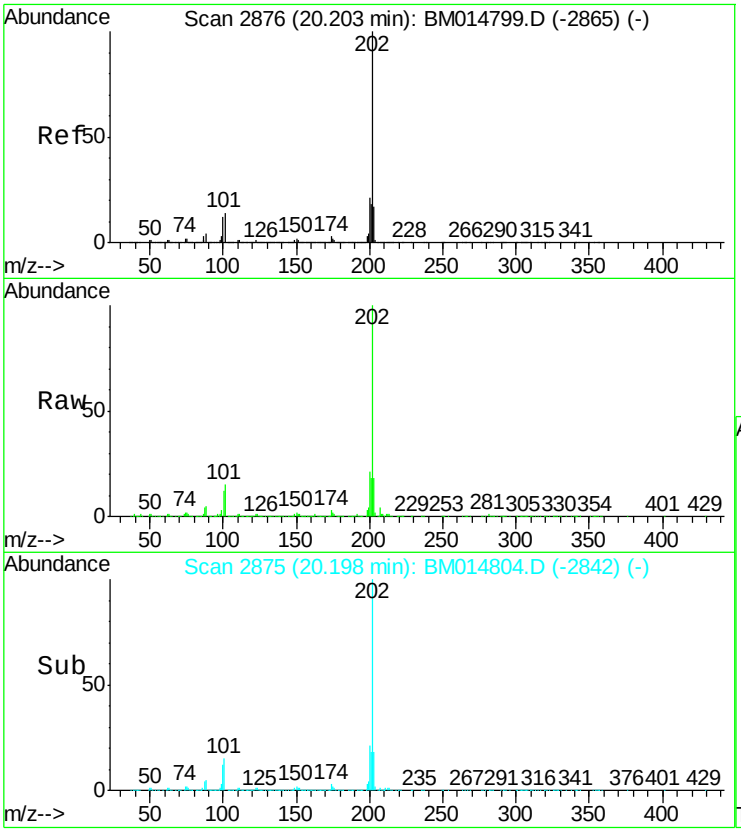


#74
Fluoranthene
Concen: 9.662 ng/ul
RT: 19.84 min Scan# 2815
Delta R.T. 0.00 min
Lab File: BM014804.D
Acq: 24 Apr 2018 08:04

Tgt Ion:202 Resp: 1068942

Ion	Ratio	Lower	Upper
202	100		
101	12.3	4.6	7.0#
100	9.4	3.4	5.2#

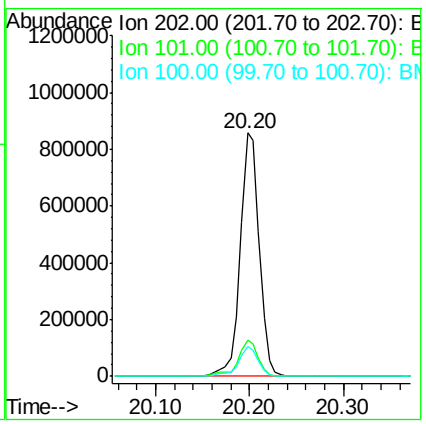




#77
Pyrene
Concen: 10.854 ng/ul
RT: 20.20 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BM014804.D
Acq: 24 Apr 2018 08:04

Tgt Ion:202 Resp: 1194382

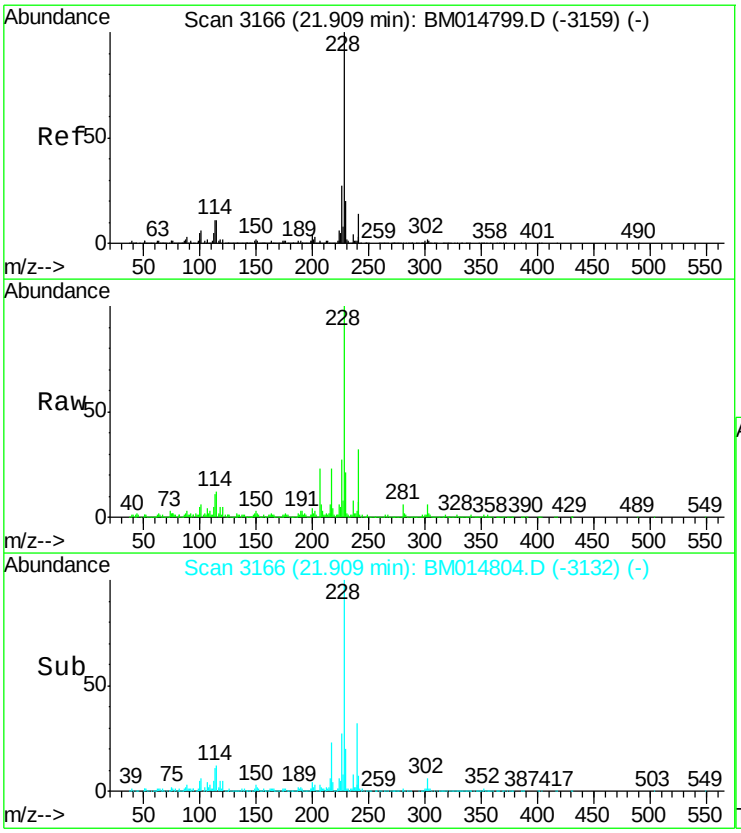
Ion	Ratio	Lower	Upper
202	100		
101	15.0	5.1	7.7#
100	12.4	4.9	7.3#



Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Manual Integrations APPROVED
Sohil
4/24/2018 7:13:49 PM

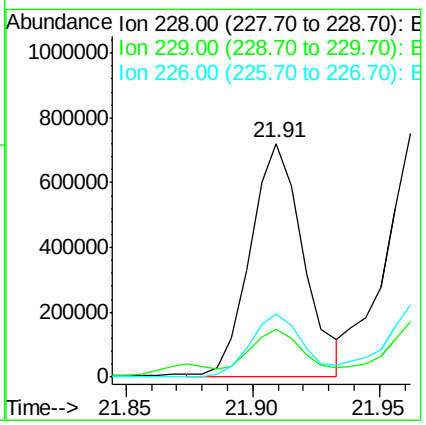
4/24/2018 7:13:49 PM

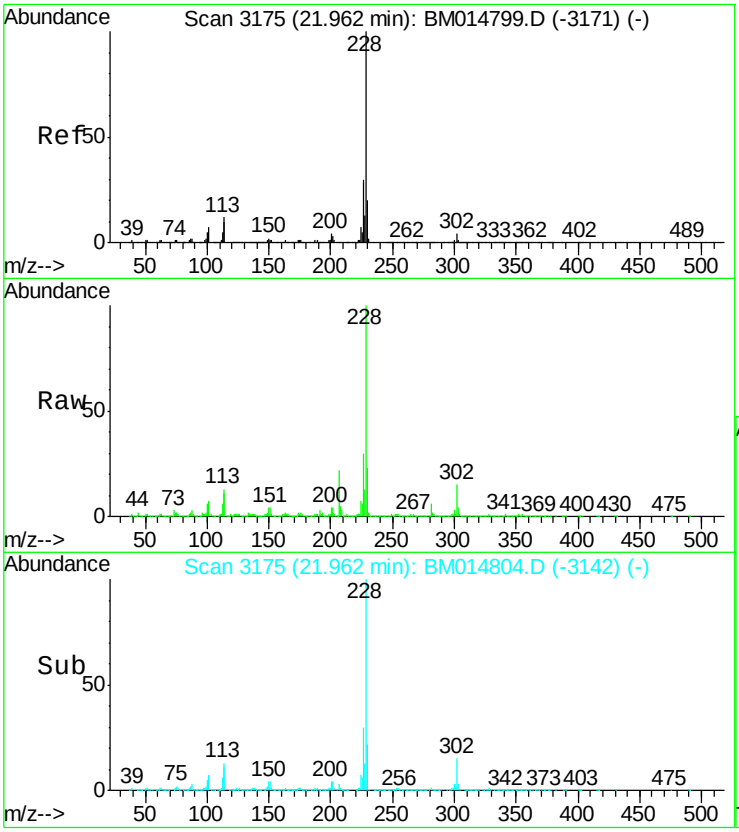


#80
Benzo(a)anthracene
Concen: 9.484 ng/ul
RT: 21.91 min Scan# 3166
Delta R.T. 0.00 min
Lab File: BM014804.D
Acq: 24 Apr 2018 08:04

Tgt Ion:228 Resp: 1044589

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.0
226	27.0	21.4	32.0

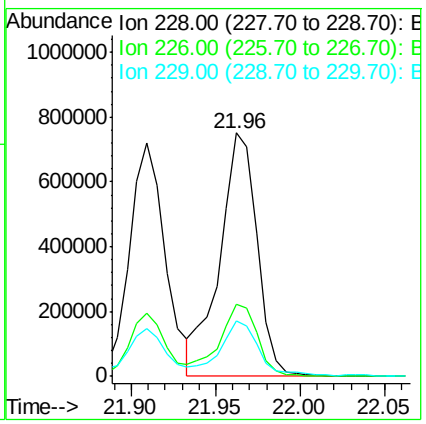




#82
Chrysene
Concen: 11.134 ng/ul
RT: 21.96 min Scan# 3175
Delta R.T. -0.01 min
Lab File: BM014804.D
Acq: 24 Apr 2018 08:04

Tgt Ion:228 Resp: 1147932

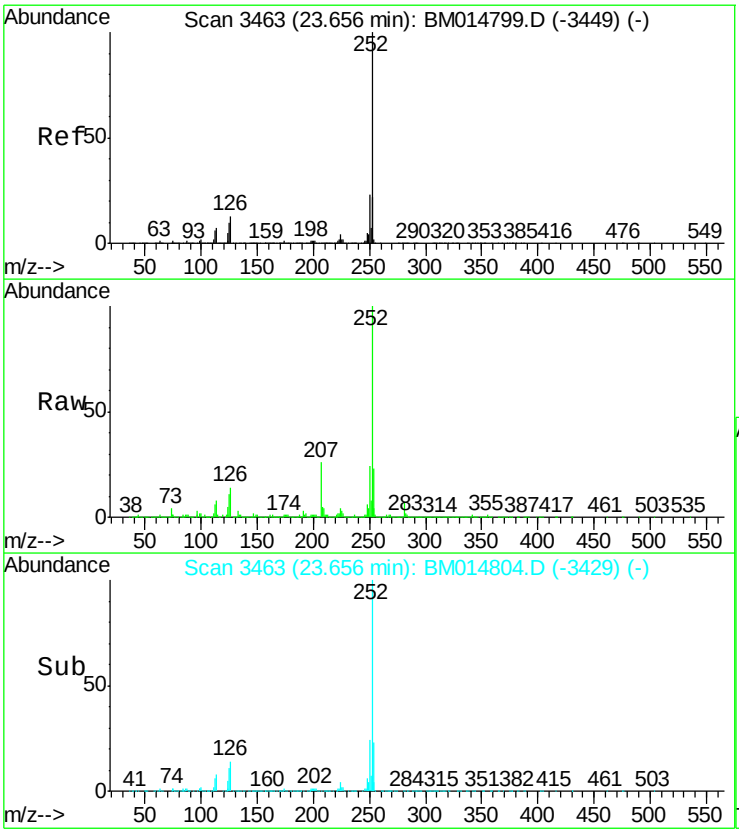
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	22.6	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Manual Integrations APPROVED
Sohil
4/24/2018 7:13:49 PM

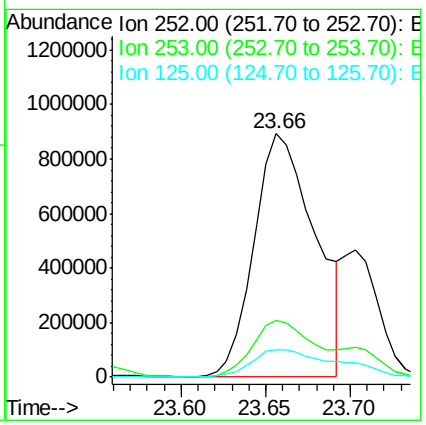
4/24/2018 7:13:49 PM

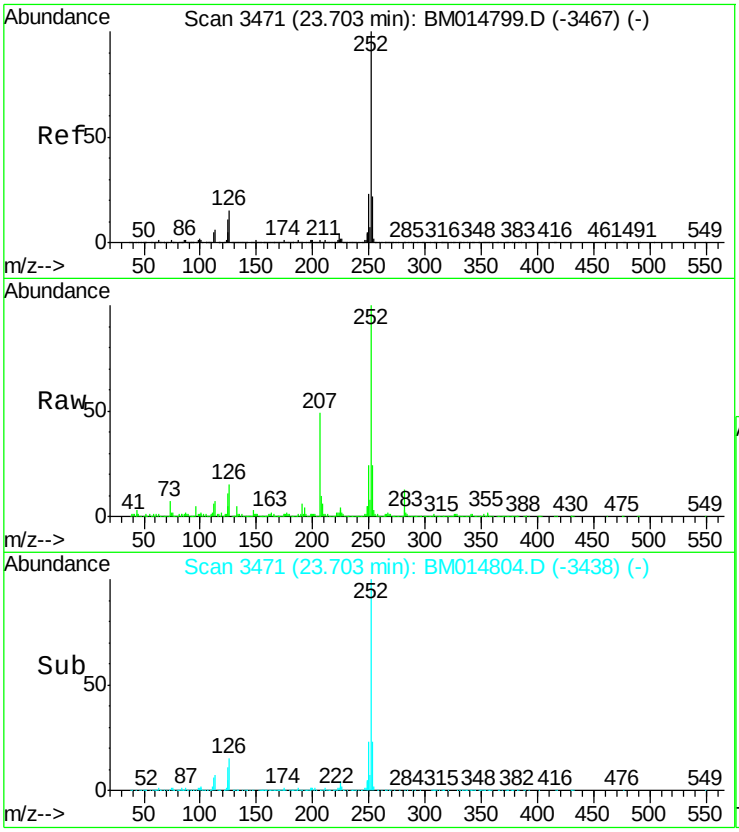


#85
Benzo(b)fluoranthene
Concen: 19.102 ng/ul
RT: 23.66 min Scan# 3463
Delta R.T. 0.00 min
Lab File: BM014804.D
Acq: 24 Apr 2018 08:04

Tgt Ion:252 Resp: 2242572

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	11.1	3.6	5.4#

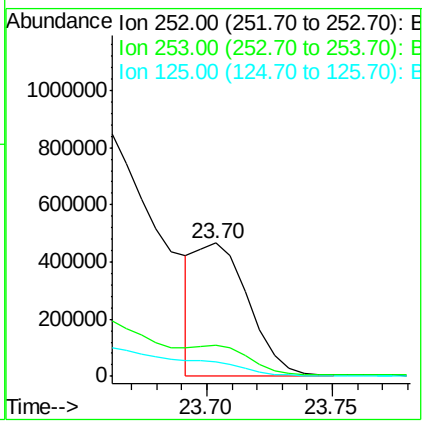




#86
Benzo(k)fluoranthene
Concen: 6.003 ng/ul m
RT: 23.70 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM014804.D
Acq: 24 Apr 2018 08:04

Tgt Ion:252 Resp: 677732

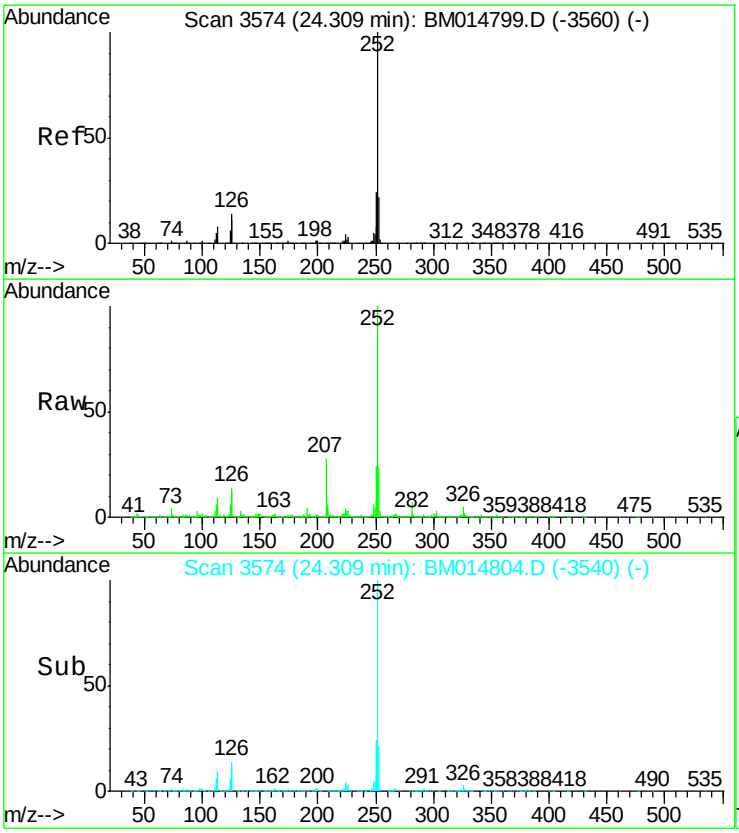
Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	11.3	3.4	5.2#



Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Manual Integrations APPROVED
Sohil
4/24/2018 7:13:49 PM

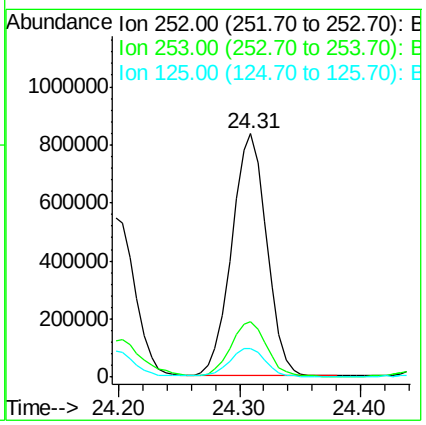
4/24/2018 7:13:49 PM

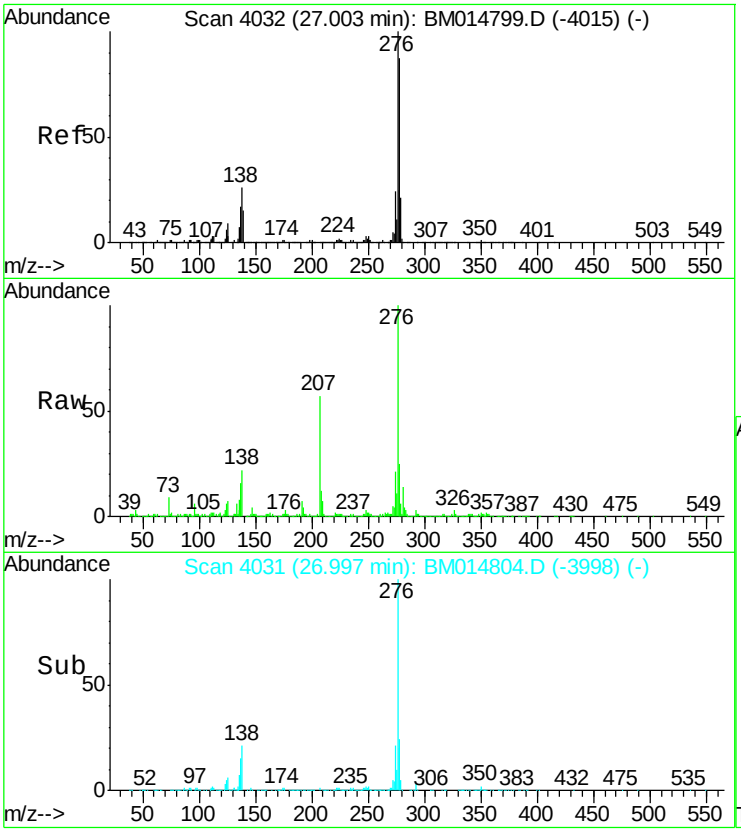


#88
Benzo(a)pyrene
Concen: 15.122 ng/ul
RT: 24.31 min Scan# 3574
Delta R.T. 0.00 min
Lab File: BM014804.D
Acq: 24 Apr 2018 08:04

Tgt Ion:252 Resp: 1684078

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	11.9	4.0	6.0#

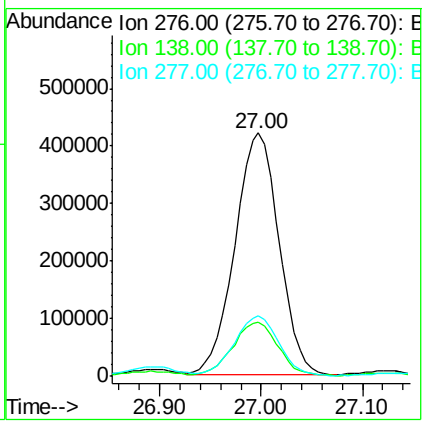




#89
Indeno(1,2,3-cd)pyrene
Concen: 9.393 ng/ul
RT: 27.00 min Scan# 4031
Delta R.T. -0.01 min
Lab File: BM014804.D
Acq: 24 Apr 2018 08:04

Tgt Ion:276 Resp: 1265403

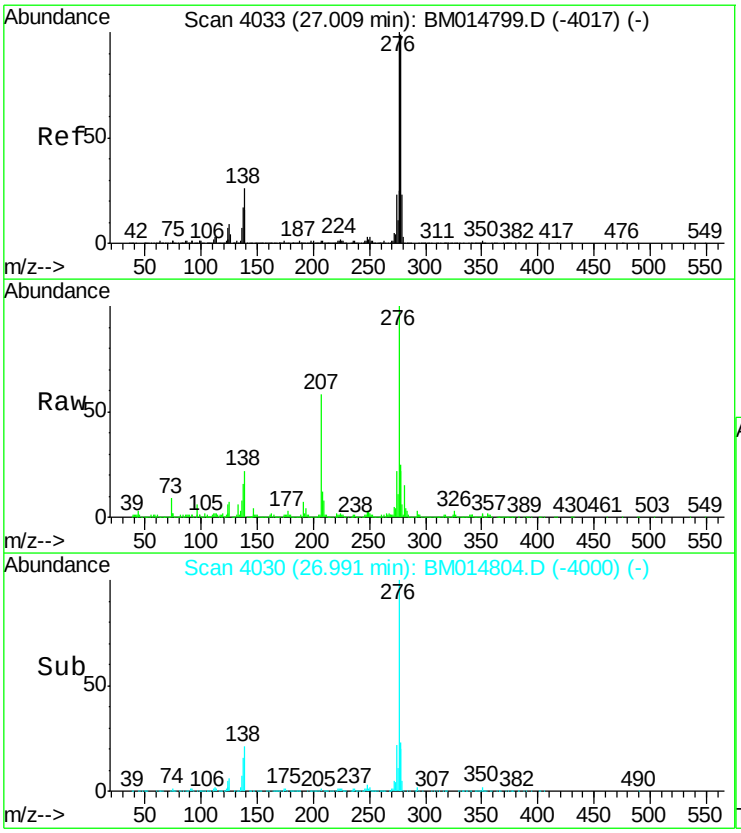
Ion	Ratio	Lower	Upper
276	100		
138	22.0	9.3	13.9#
277	24.9	19.9	29.9



Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Manual Integrations APPROVED
Sohil
4/24/2018 7:13:49 PM

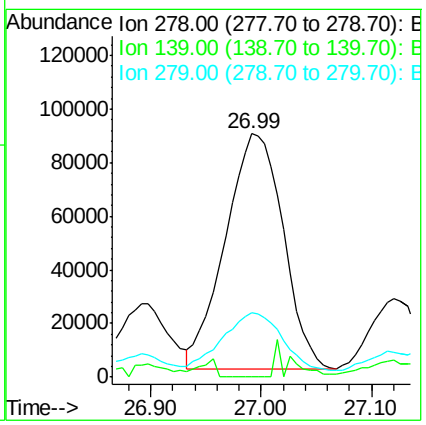
4/24/2018 7:13:49 PM

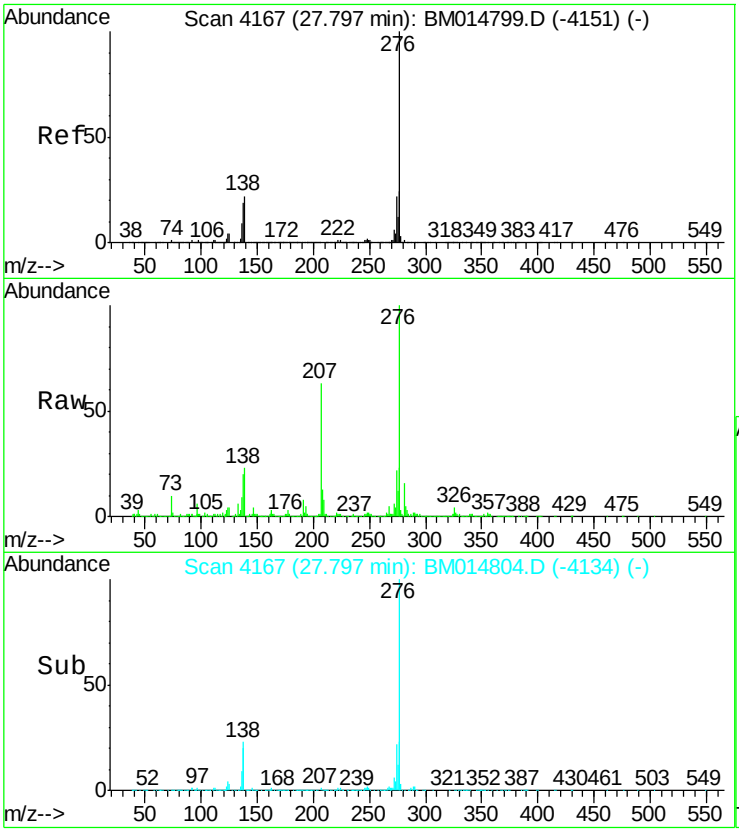


#90
Dibenzo(a,h)anthracene
Concen: 2.832 ng/ul
RT: 26.99 min Scan# 4030
Delta R.T. -0.02 min
Lab File: BM014804.D
Acq: 24 Apr 2018 08:04

Tgt Ion:278 Resp: 321222

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	26.3	18.6	27.8

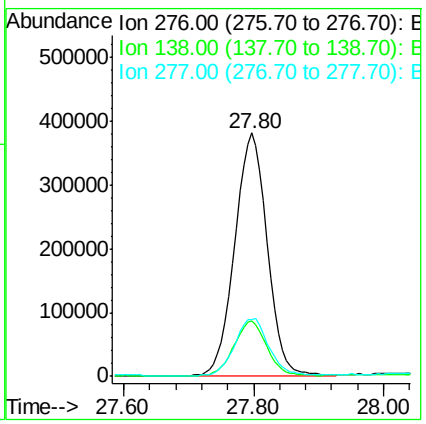




#91
Benzo(g,h,i)perylene
Concen: 11.813 ng/ul
RT: 27.80 min Scan# 4167
Delta R.T. -0.01 min
Lab File: BM014804.D
Acq: 24 Apr 2018 08:04

Tgt Ion:276 Resp: 1309263

Ion	Ratio	Lower	Upper
276	100		
138	22.7	8.5	12.7#
277	23.4	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Manual Integrations APPROVED
Sohil
4/24/2018 7:13:49 PM

4/24/2018 7:13:49 PM