Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013512.D
Acq On : 19 Dec 2017 14:40
Operator : SJ/JU
Sample : I6776-03ME 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 20 03:16:41 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 20 03:10:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	187313	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	799636	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	474980	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1032412	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	883186	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	761207	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	3055	0.81	ng/uL	0.00
5) Phenol-d5	6.85	99	73472	4.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	46472	5.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	58362	4.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	63464	4.58	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	31239	4.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	31890	4.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	58299	4.17	ng/ul	0.01
29) 4-Chloroaniline-d4	10.60	131	56583	4.40	ng/ul	0.01
43) Dimethylphthalate-d6	13.73	166	204966	4.85	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	261990	5.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	14676	2.00	ng/ul	0.02
57) Fluorene-d10	15.31	176	178933	4.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	13659	2.10	ng/ul	0.00
70) Anthracene-d10	17.16	188	262929	5.09	ng/ul	0.00
76) Pyrene-d10	19.46	212	278062	6.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	199718	5.15	ng/ul	0.00
Target Compounds						Qvalue
69) Phenanthrene	17.20	178	100884	1.720	ng/ul	97
71) Anthracene	17.20	178	101434	1.692	ng/ul	96
74) Fluoranthene	19.13	202	2942427	40.936	ng/ul#	93
77) Pyrene	19.50	202	4023790	74.992	ng/ul#	93
80) Benzo(a)anthracene	21.24	228	661202	11.800	ng/ul	99
82) Chrysene	21.29	228	1048700	20.172	ng/ul	96
85) Benzo(b)fluoranthene	22.81	252	535495	10.436	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	173012	3.583	ng/ul#	97
88) Benzo(a)pyrene	23.39	252	174236	3.780	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.71	276	86411	1.889	ng/ul#	90
91) Benzo(g,h,i)perylene	26.40	276	61251	1.698	ng/ul	98

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

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 20 03:10:37 2017
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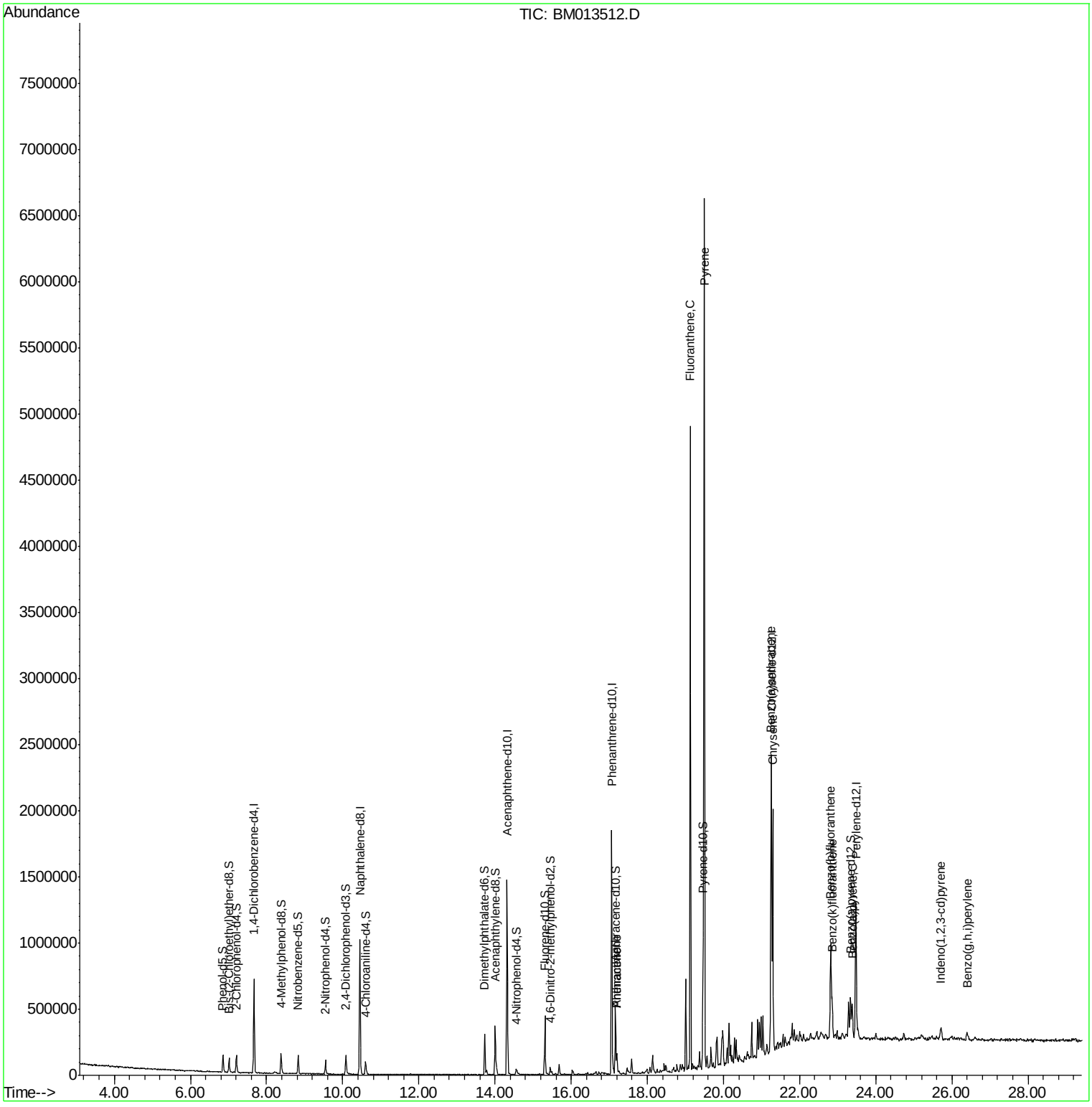
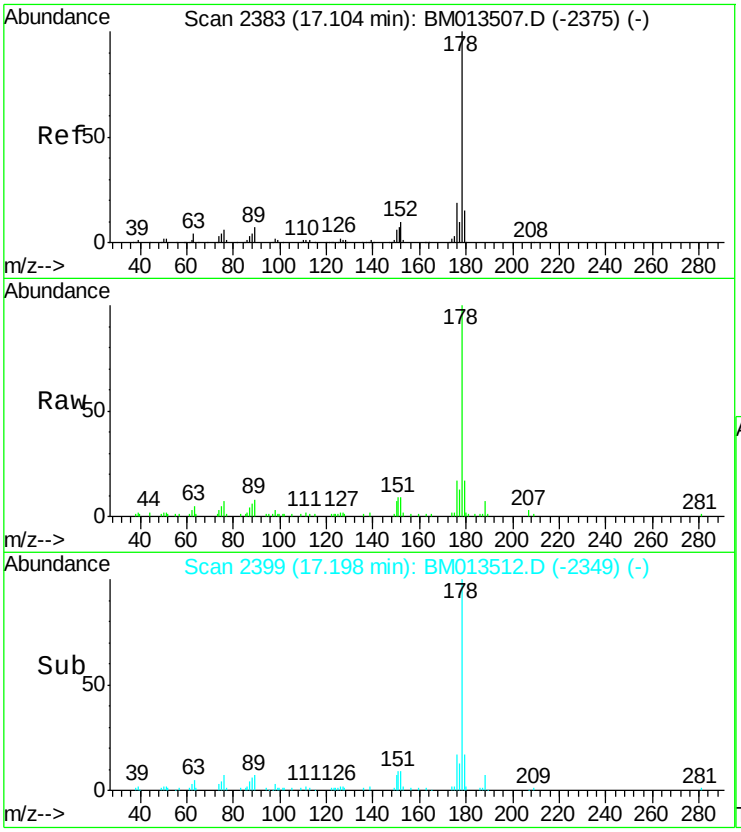


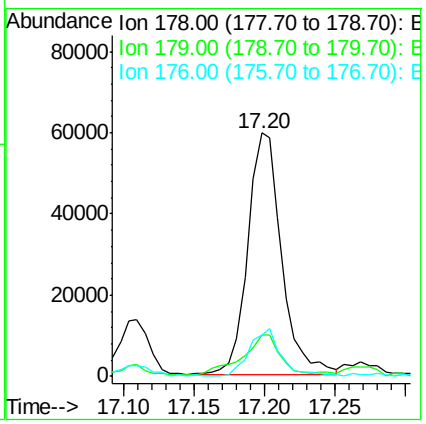


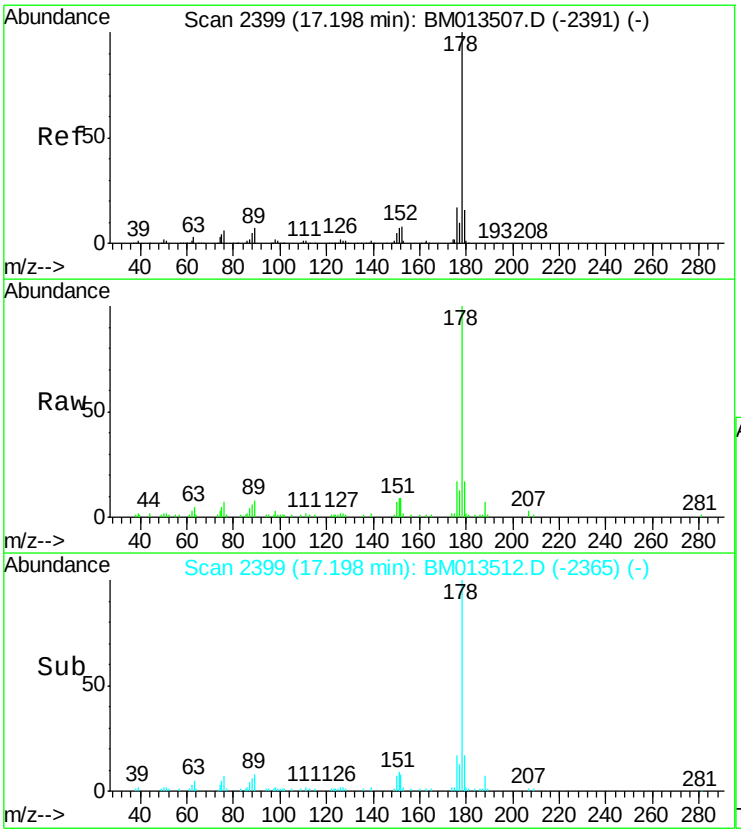
#69
Phenanthrene
Concen: 1.720 ng/ul
RT: 17.20 min Scan# 2399
Delta R.T. 0.09 min
Lab File: BM013512.D
Acq: 19 Dec 2017 14:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 100884

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.6	19.0
176	16.9	14.9	22.3

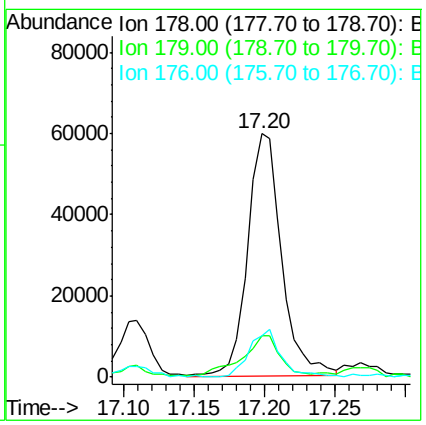


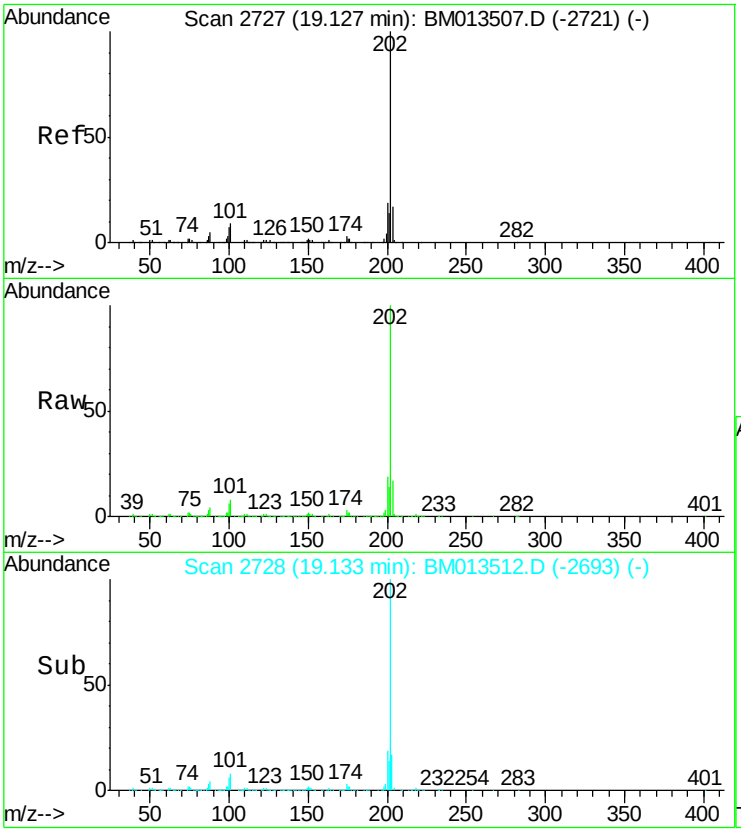


#71
Anthracene
Concen: 1.692 ng/ul
RT: 17.20 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BM013512.D
Acq: 19 Dec 2017 14:40

Tgt Ion:178 Resp: 101434

Ion	Ratio	Lower	Upper
178	100		
179	17.0	11.7	17.5
176	16.9	14.6	21.8



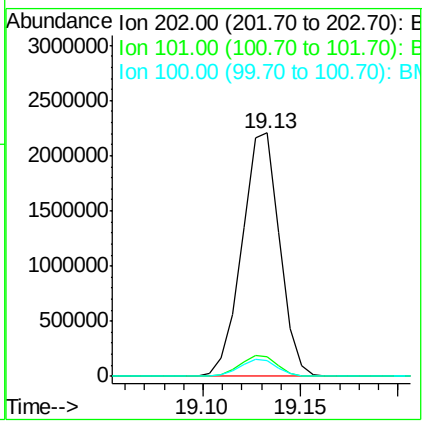


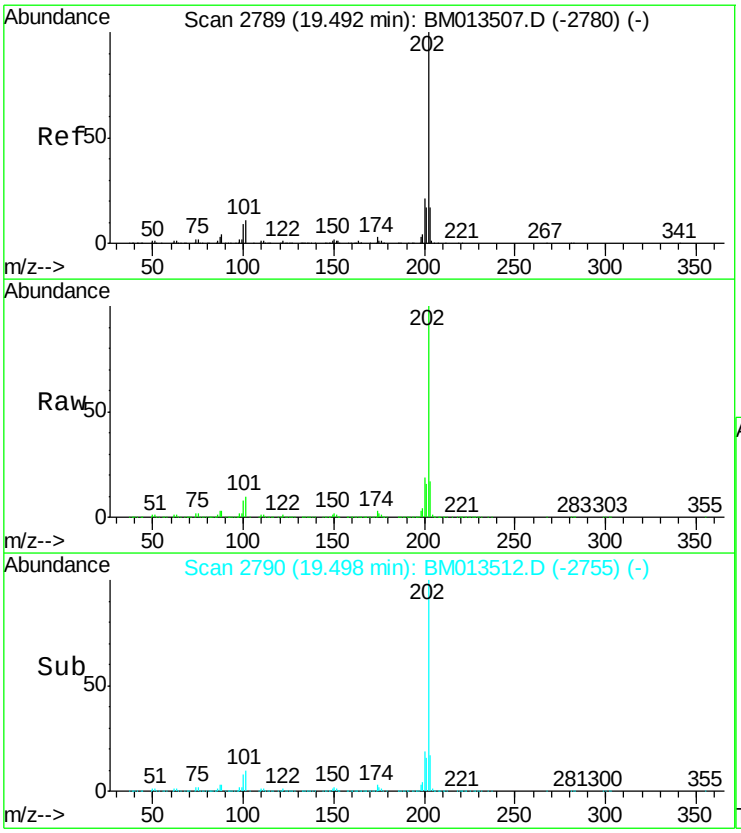
#74
Fluoranthene
Concen: 40.936 ng/ul
RT: 19.13 min Scan# 2728
Delta R.T. 0.01 min
Lab File: BM013512.D
Acq: 19 Dec 2017 14:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2942427

Ion	Ratio	Lower	Upper
202	100		
101	8.2	4.6	7.0#
100	6.3	3.4	5.2#

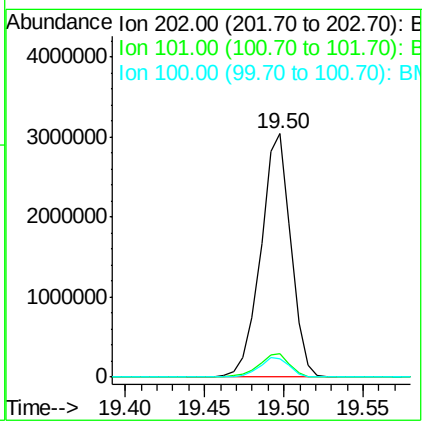


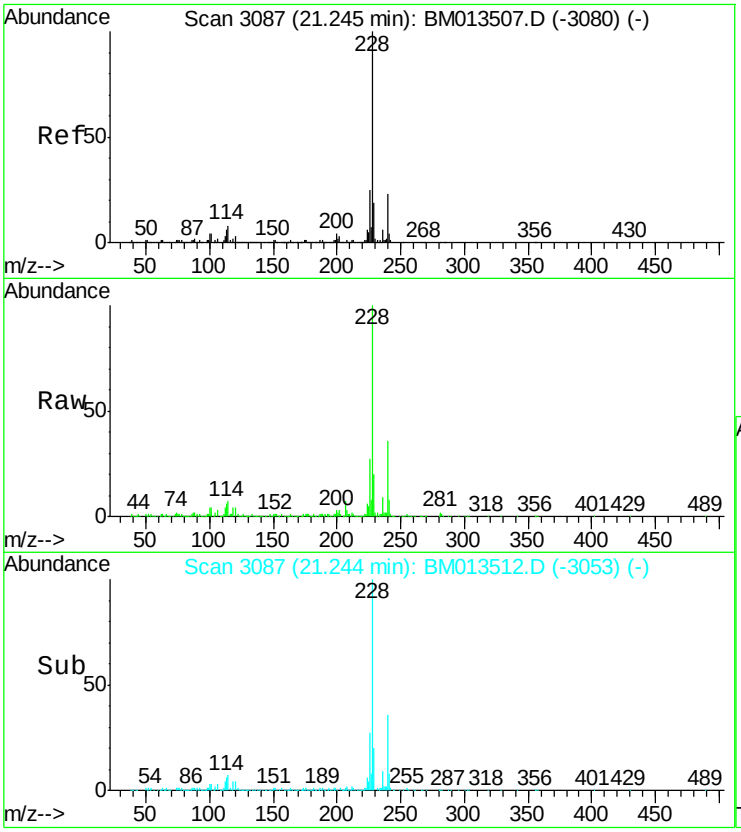


#77
Pyrene
Concen: 74.992 ng/ul
RT: 19.50 min Scan# 2790
Delta R.T. 0.01 min
Lab File: BM013512.D
Acq: 19 Dec 2017 14:40

Tgt Ion:202 Resp: 4023790

Ion	Ratio	Lower	Upper
202	100		
101	9.7	5.1	7.7#
100	7.7	4.9	7.3#



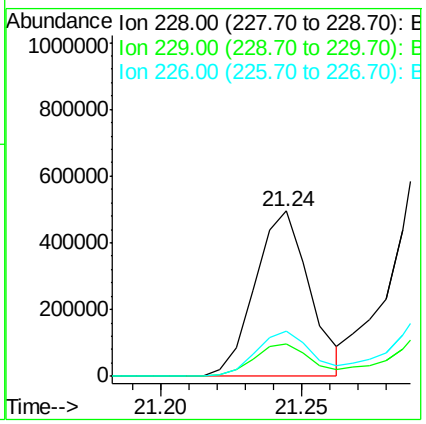


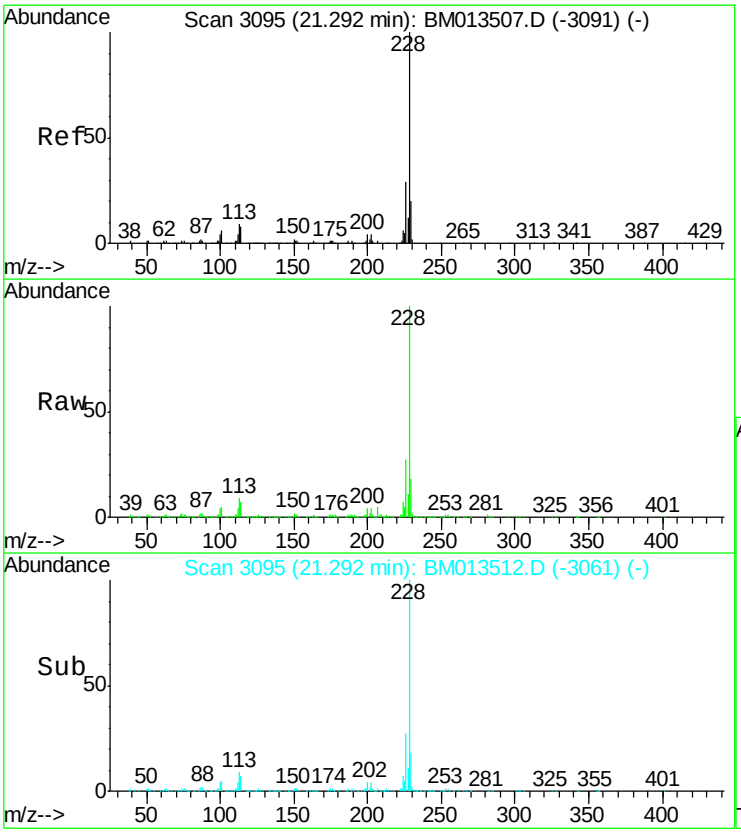
#80
Benzo(a)anthracene
Concen: 11.800 ng/ul
RT: 21.24 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM013512.D
Acq: 19 Dec 2017 14:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 661202

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.4	23.0
226	27.1	21.4	32.0

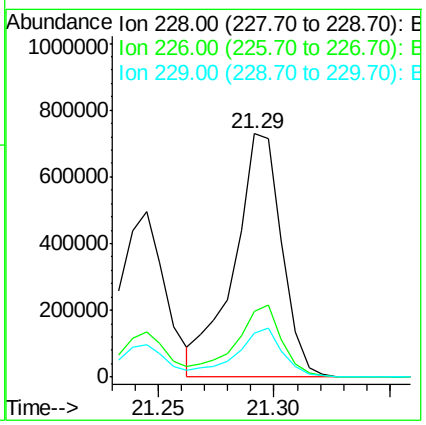


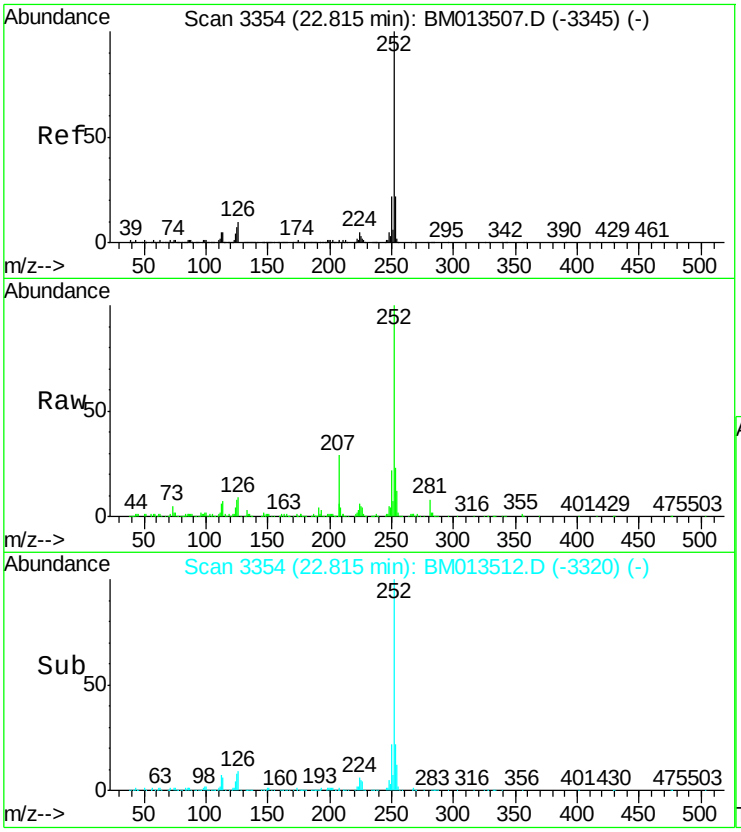


#82
Chrysene
Concen: 20.172 ng/ul
RT: 21.29 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BM013512.D
Acq: 19 Dec 2017 14:40

Tgt Ion:228 Resp: 1048700

Ion	Ratio	Lower	Upper
228	100		
226	26.8	23.4	35.2
229	18.2	15.5	23.3



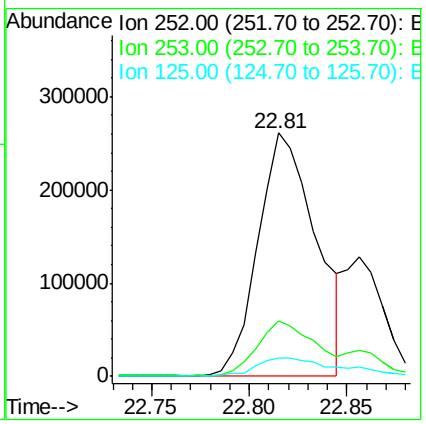


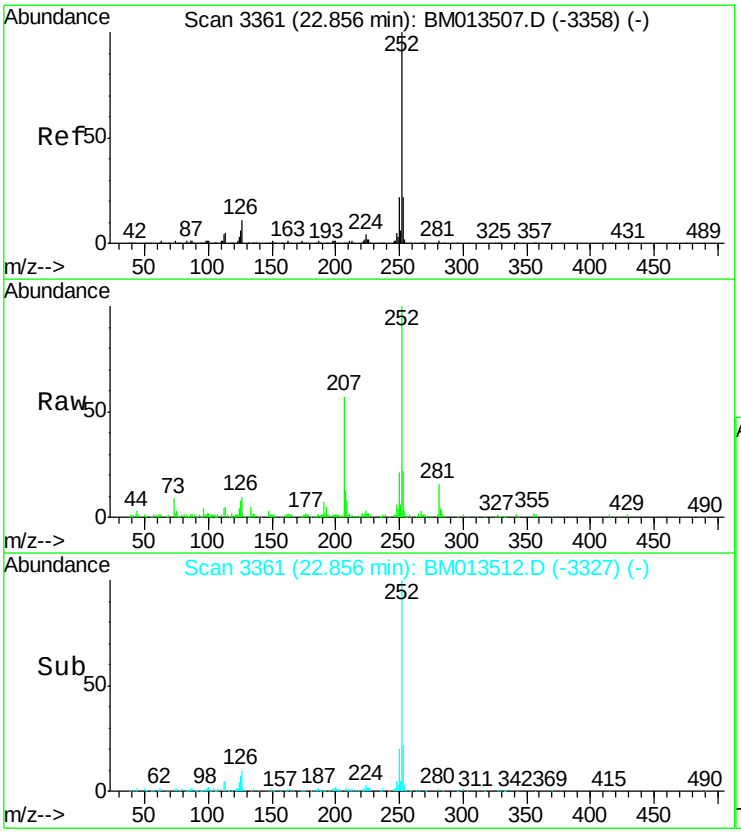
#85
Benzo(b)fluoranthene
Concen: 10.436 ng/ul
RT: 22.81 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BM013512.D
Acq: 19 Dec 2017 14:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 535495

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	7.7	3.6	5.4#

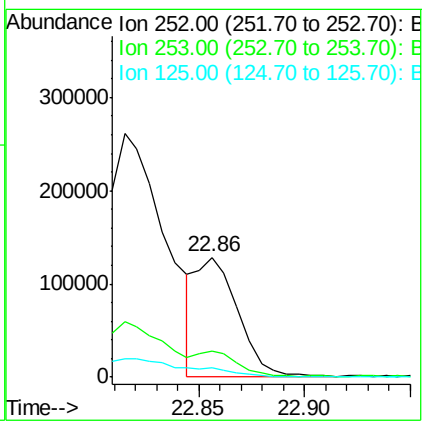


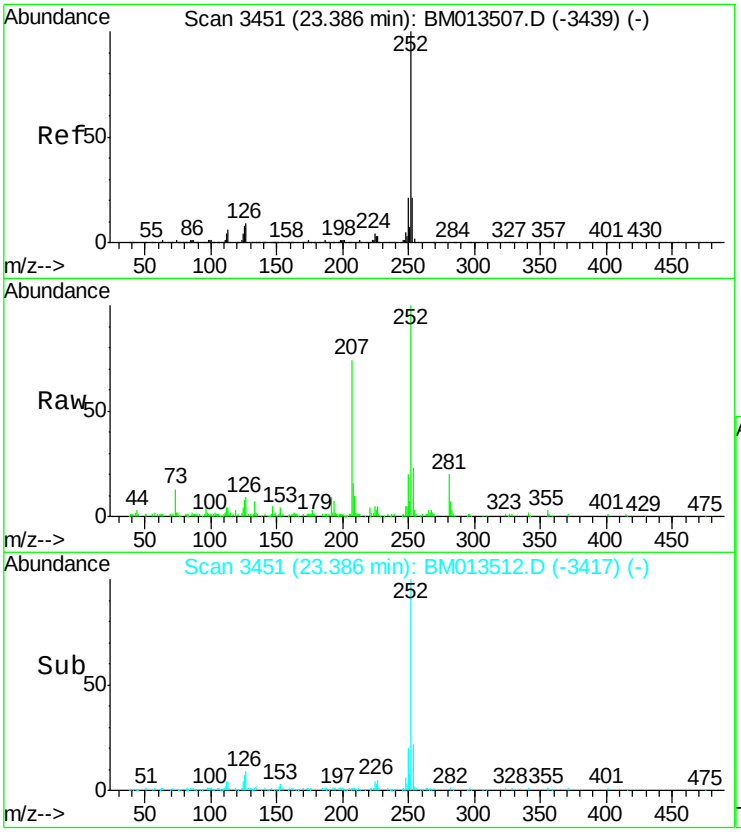


#86
Benzo(k)fluoranthene
Concen: 3.583 ng/ul
RT: 22.86 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BM013512.D
Acq: 19 Dec 2017 14:40

Tgt Ion:252 Resp: 173012

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	7.6	3.4	5.2#



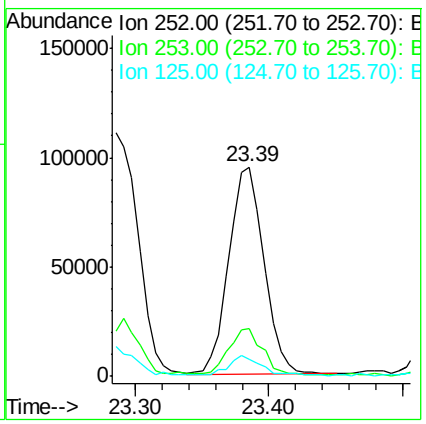


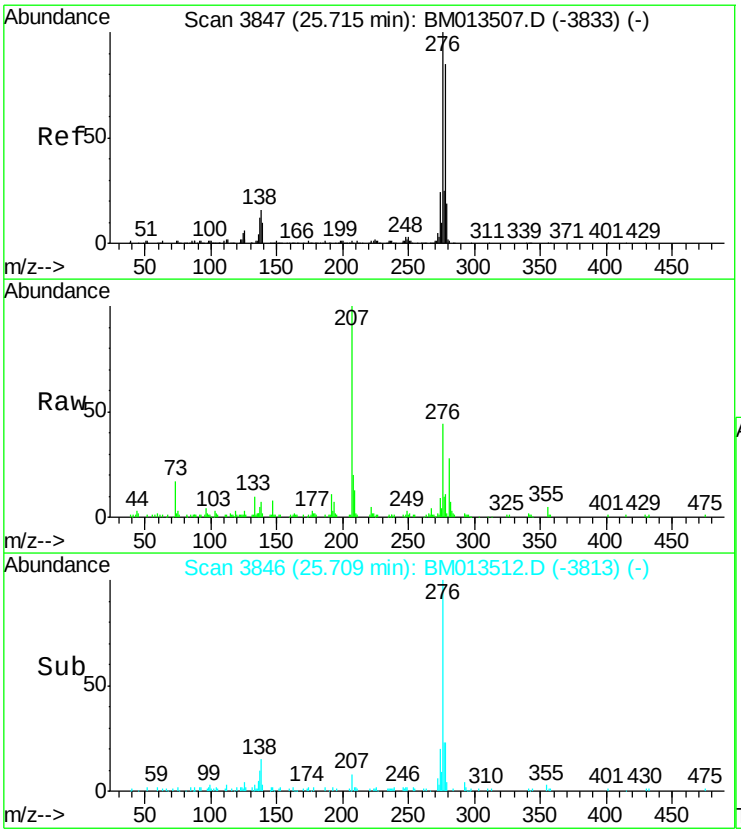
#88
Benzo(a)pyrene
Concen: 3.780 ng/ul
RT: 23.39 min Scan# 3451
Delta R.T. -0.00 min
Lab File: BM013512.D
Acq: 19 Dec 2017 14:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 174236

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	8.0	4.0	6.0#

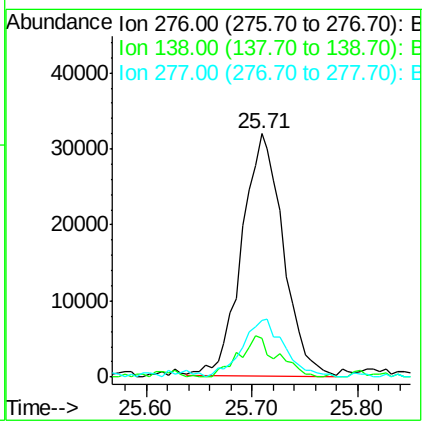


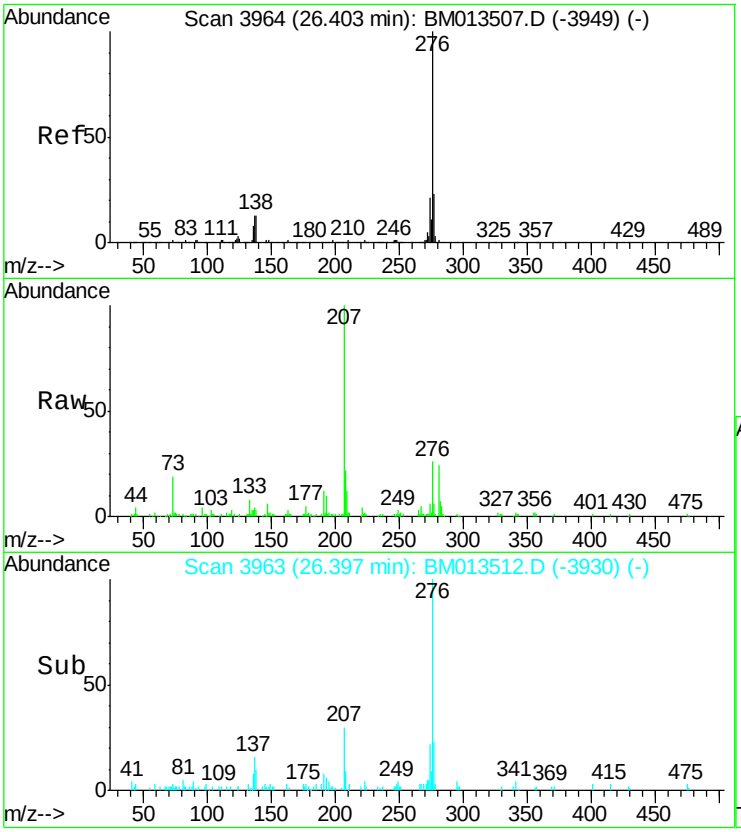


#89
Indeno(1,2,3-cd)pyrene
Concen: 1.889 ng/ul
RT: 25.71 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BM013512.D
Acq: 19 Dec 2017 14:40

Tgt Ion:276 Resp: 86411

Ion	Ratio	Lower	Upper
276	100		
138	20.6	9.3	13.9#
277	23.1	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 1.698 ng/ul
RT: 26.40 min Scan# 3963
Delta R.T. -0.01 min
Lab File: BM013512.D
Acq: 19 Dec 2017 14:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 61251

Ion	Ratio	Lower	Upper
276	100		
138	10.0	8.5	12.7
277	22.6	18.6	28.0