Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013516.D
Acq On : 19 Dec 2017 17:04
Operator : SJ/JU
Sample : I6775-07MEDL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 20 03:18:15 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	156675	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	682701	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	402461	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	860175	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	731811	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	664029	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	216	0.07	ng/uL	0.02
5) Phenol-d5	6.86	99	6814	0.50	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.02	67	5465	0.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	6809	0.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	3042	0.26	ng/ul	0.02
19) Nitrobenzene-d5	8.84	128	3456	0.64	ng/ul	0.01
22) 2-Nitrophenol-d4	9.56	143	3861	0.67	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.10	165	7043	0.59	ng/ul	0.03
29) 4-Chloroaniline-d4	10.57	131	154	0.01	ng/ul	-0.02
43) Dimethylphthalate-d6	13.73	166	27261	0.76	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	33095	0.75	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.31	176	24162	0.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	482	0.09	ng/ul	0.02
70) Anthracene-d10	17.16	188	36499	0.85	ng/ul	0.00
76) Pyrene-d10	19.46	212	36536	1.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	24335	0.72	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.50	128	924033	26.308	ng/ul	100
30) 4-Chloroaniline	10.50	127	119873	11.283	ng/ul#	22
34) 2-Methylnaphthalene	12.12	142	115223	4.364	ng/ul	87
40) 1,1'-Biphenyl	13.15	154	43869	1.290	ng/ul	96
49) Acenaphthene	14.38	153	235752	8.462	ng/ul	98
53) Dibenzofuran	14.72	168	217682	5.292	ng/ul	99
58) Fluorene	15.37	166	214205	6.295	ng/ul	98
68) Pentachlorophenol	16.73	266	20226	3.136	ng/ul#	87
69) Phenanthrene	17.10	178	1158994	23.717	ng/ul	99
71) Anthracene	17.20	178	106216	2.126	ng/ul	97
72) Carbazole	17.47	167	50597	1.178	ng/ul#	90
74) Fluoranthene	19.13	202	573487	9.576	ng/ul#	92
77) Pyrene	19.49	202	379455	8.535	ng/ul#	95
80) Benzo(a)anthracene	21.24	228	71282	1.535	ng/ul	96
82) Chrysene	21.24	228	71282	1.655	ng/ul	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013516.D
Acq On : 19 Dec 2017 17:04
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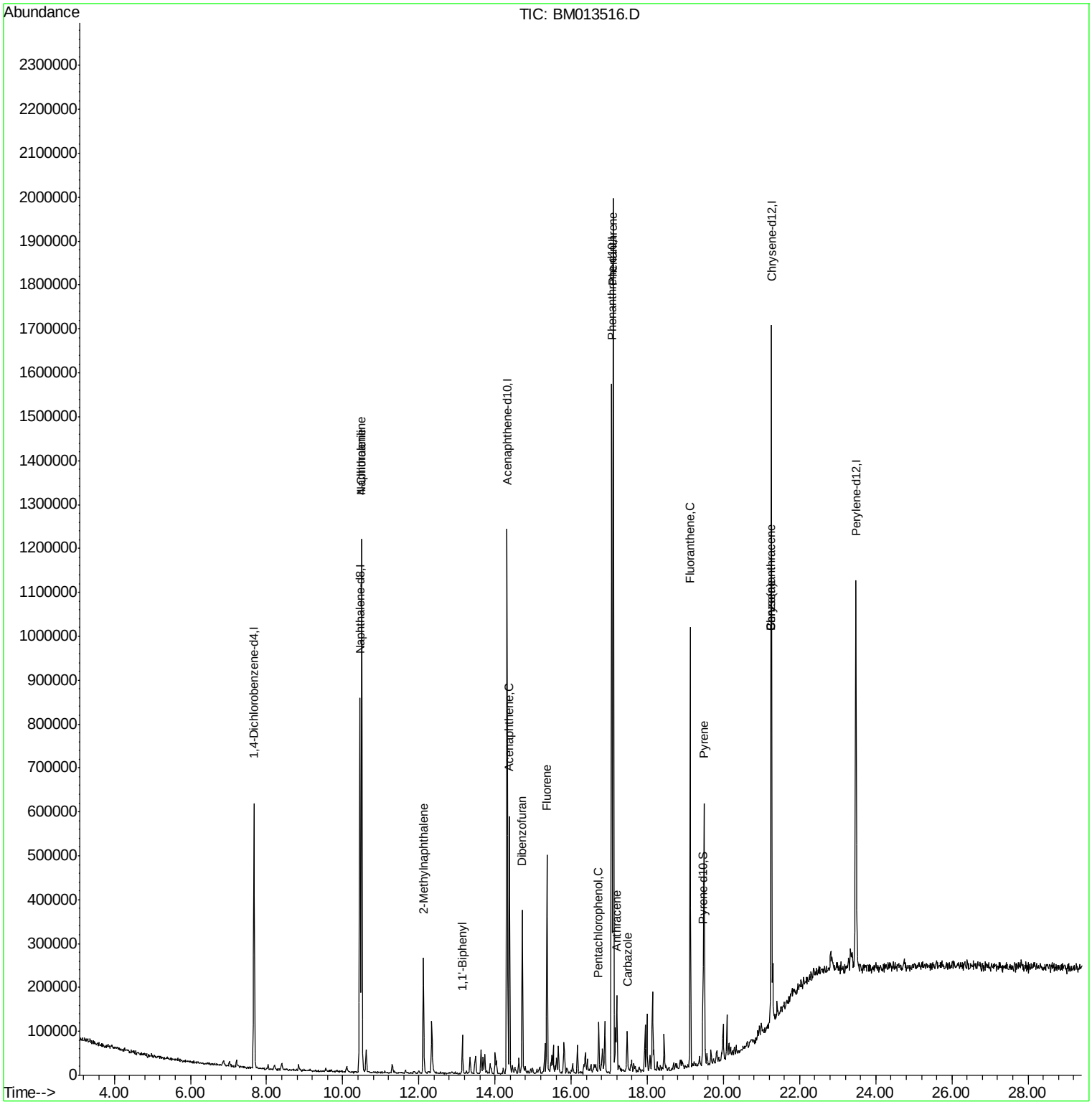
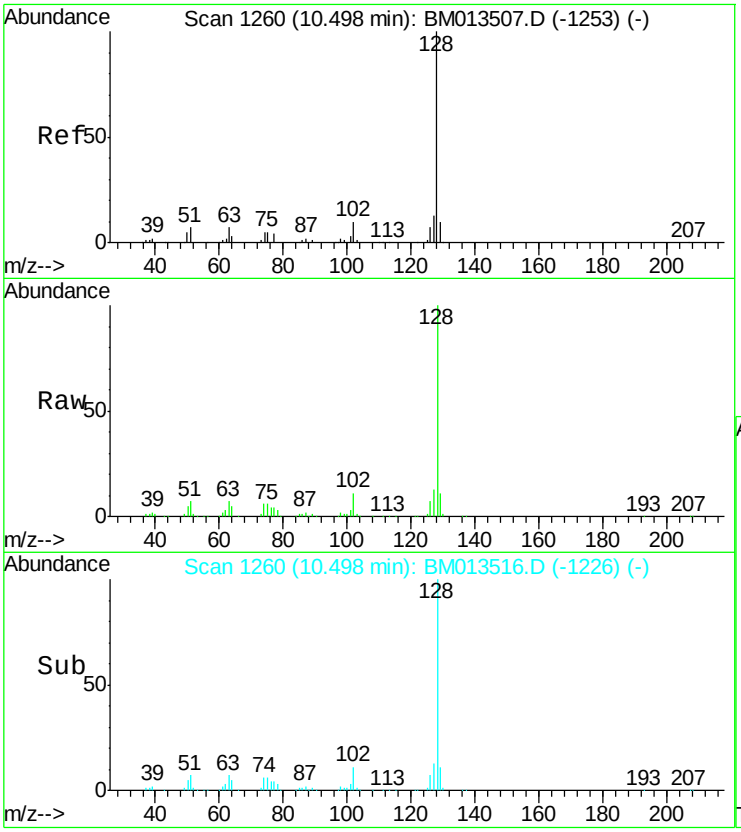
Sample : I6775-07MEDL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 20 03:18:15 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



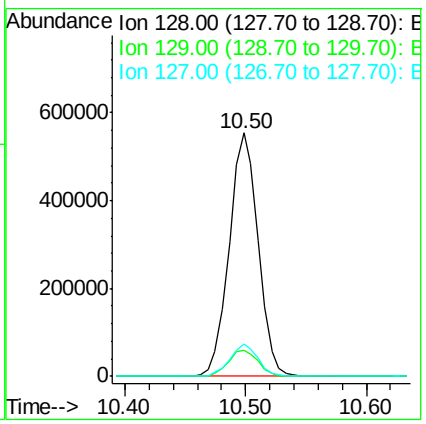


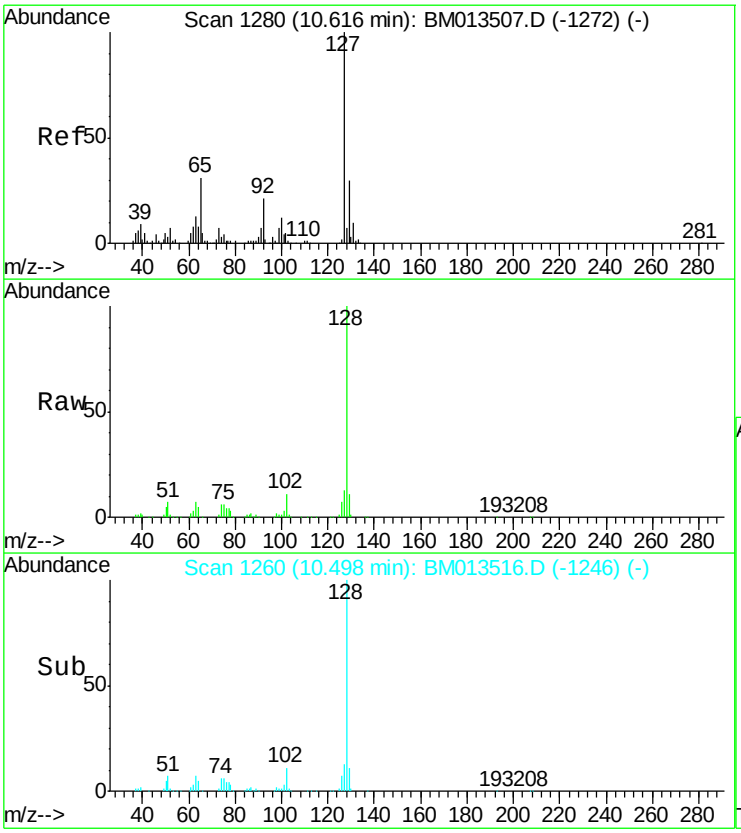
#28
Naphthalene
Concen: 26.308 ng/ul
RT: 10.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BM013516.D
Acq: 19 Dec 2017 17:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 924033

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.5	10.6	16.0

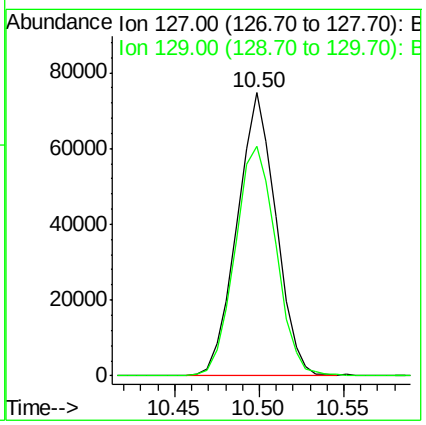


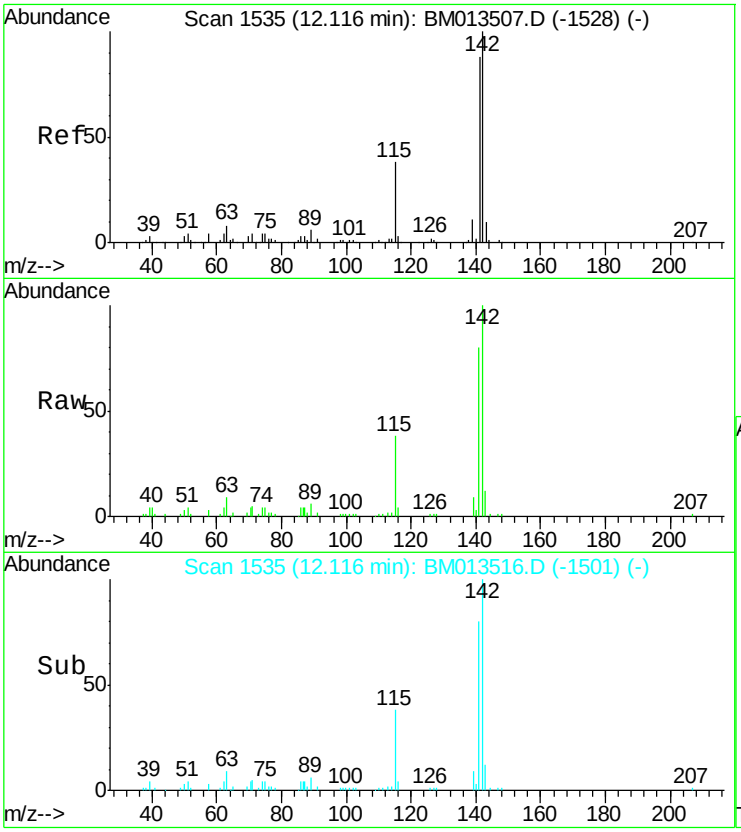


#30
4-Chloroaniline
Concen: 11.283 ng/ul
RT: 10.50 min Scan# 1260
Delta R.T. -0.12 min
Lab File: BM013516.D
Acq: 19 Dec 2017 17:04

Tgt Ion:127 Resp: 119873

Ion	Ratio	Lower	Upper
127	100		
129	81.1	28.4	42.6#



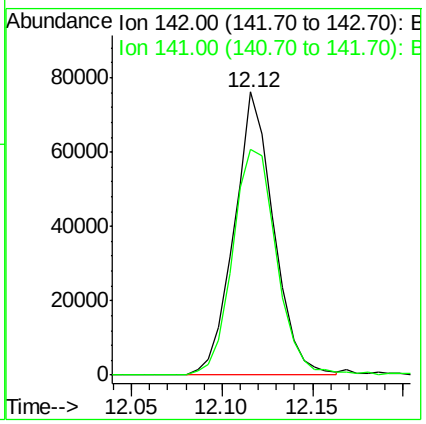


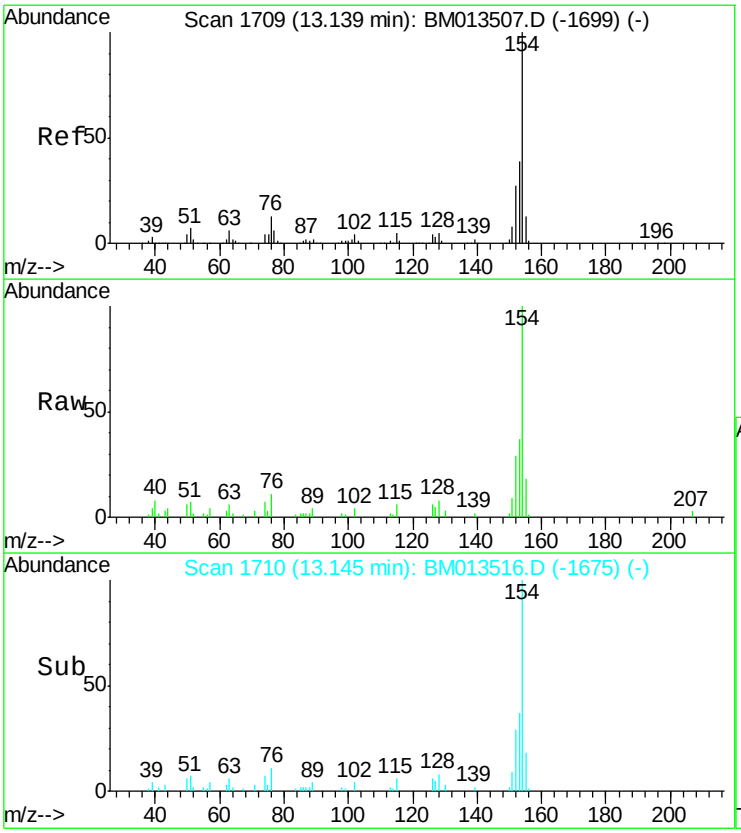
#34
2-Methylnaphthalene
Concen: 4.364 ng/ul
RT: 12.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BM013516.D
Acq: 19 Dec 2017 17:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 115223

Ion	Ratio	Lower	Upper
142	100		
141	79.9	74.1	111.1

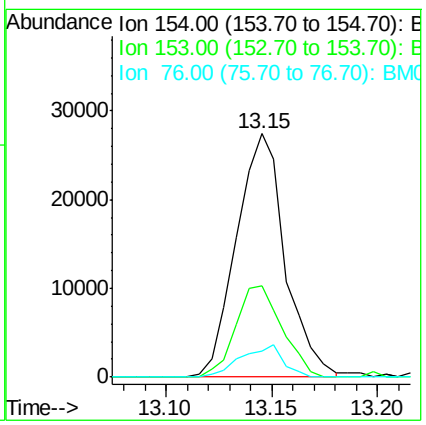


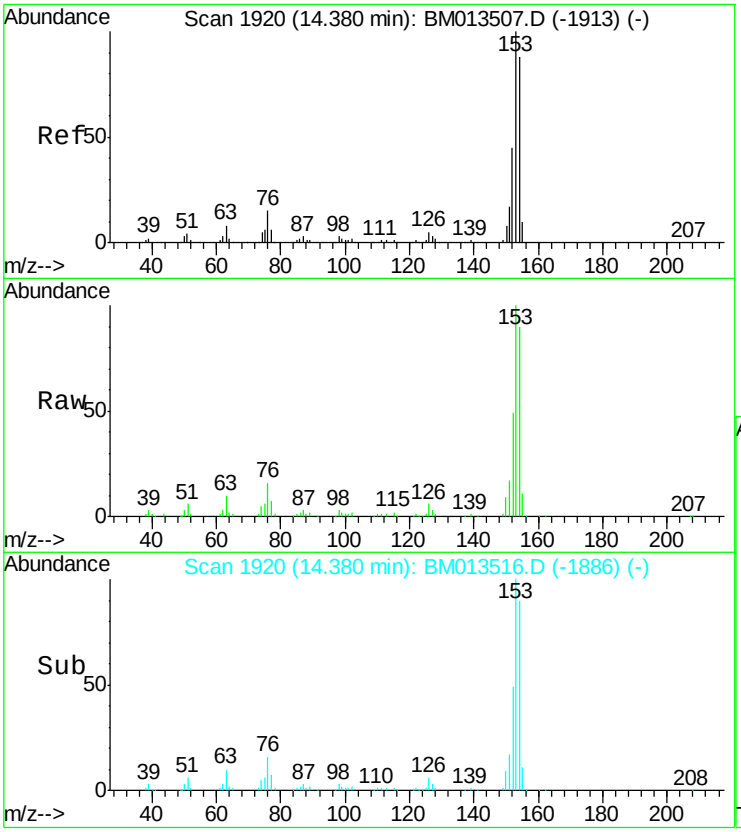


#40
1,1'-Biphenyl
Concen: 1.290 ng/ul
RT: 13.15 min Scan# 1710
Delta R.T. 0.01 min
Lab File: BM013516.D
Acq: 19 Dec 2017 17:04

Tgt Ion:154 Resp: 43869

Ion	Ratio	Lower	Upper
154	100		
153	37.4	32.6	48.8
76	10.9	8.5	12.7



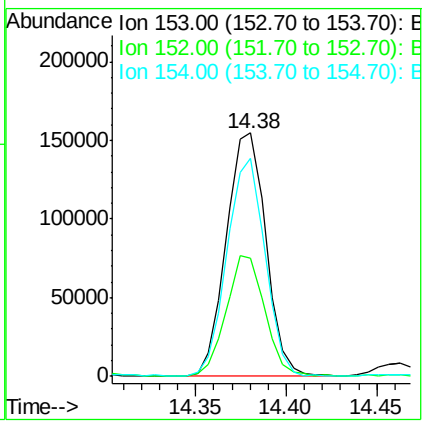


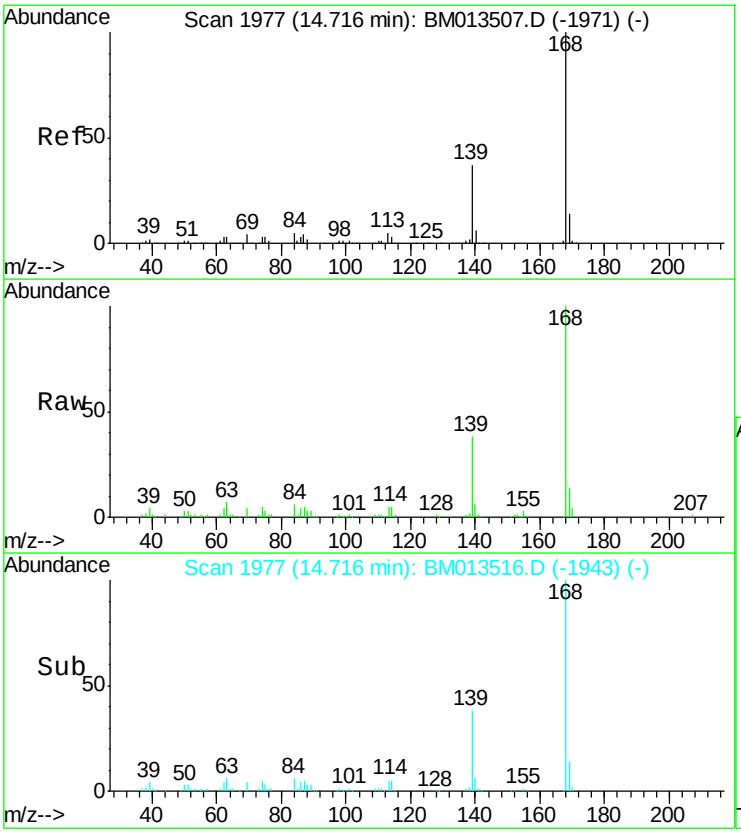
#49
Acenaphthene
Concen: 8.462 ng/ul
RT: 14.38 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BM013516.D
Acq: 19 Dec 2017 17:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 235752

Ion	Ratio	Lower	Upper
153	100		
152	48.6	37.6	56.4
154	89.6	70.4	105.6

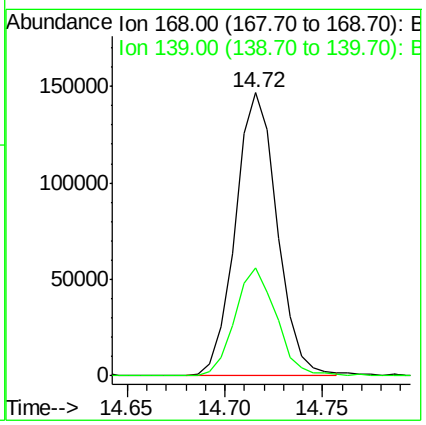


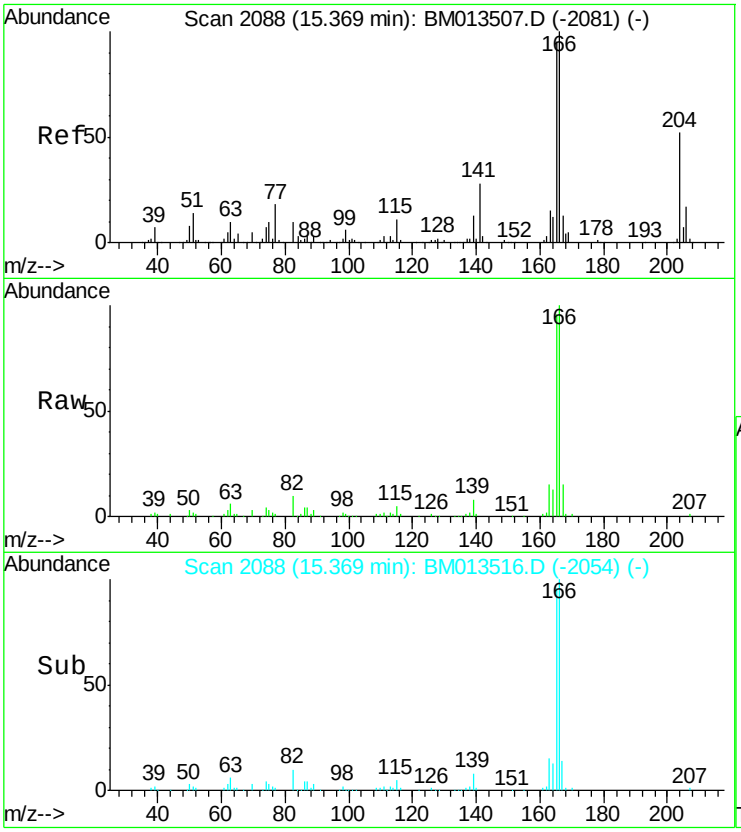


#53
Dibenzofuran
Concen: 5.292 ng/ul
RT: 14.72 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM013516.D
Acq: 19 Dec 2017 17:04

Tgt Ion:168 Resp: 217682

Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.8	46.2



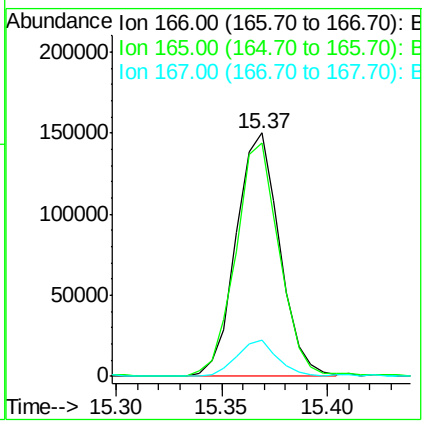


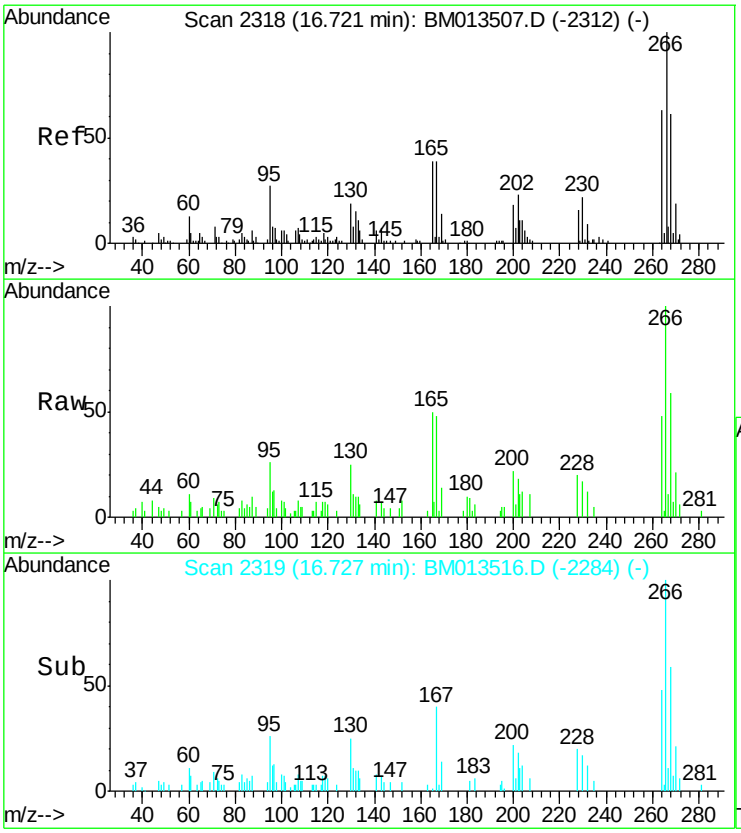
#58
Fluorene
Concen: 6.295 ng/ul
RT: 15.37 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BM013516.D
Acq: 19 Dec 2017 17:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 214205

Ion	Ratio	Lower	Upper
166	100		
165	95.7	77.9	116.9
167	14.8	10.6	16.0

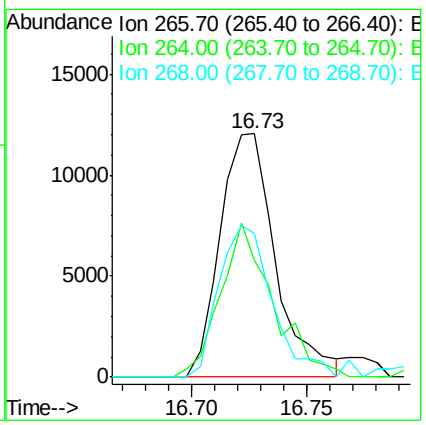


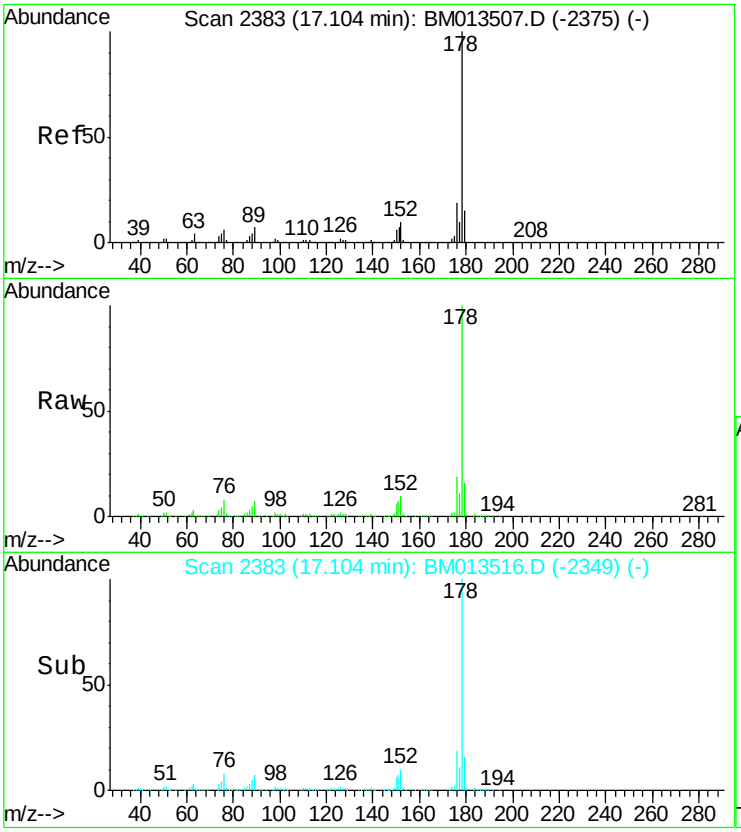


#68
Pentachlorophenol
Concen: 3.136 ng/ul
RT: 16.73 min Scan# 2319
Delta R.T. 0.01 min
Lab File: BM013516.D
Acq: 19 Dec 2017 17:04

Tgt Ion:266 Resp: 20226

Ion	Ratio	Lower	Upper
266	100		
264	47.8	49.3	73.9#
268	59.0	52.6	78.8



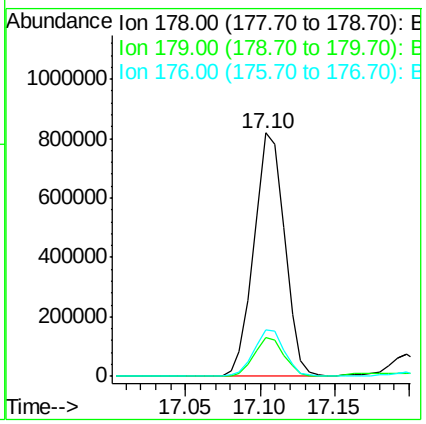


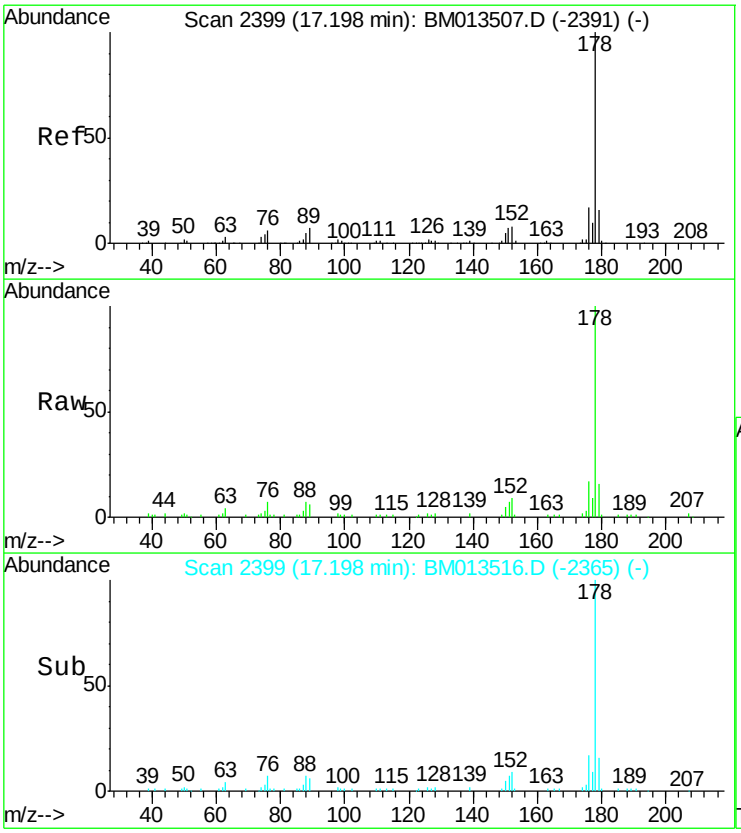
#69
Phenanthrene
Concen: 23.717 ng/ul
RT: 17.10 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BM013516.D
Acq: 19 Dec 2017 17:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1158994

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	19.1	14.9	22.3

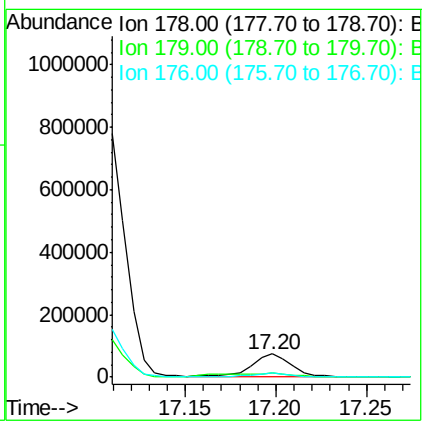


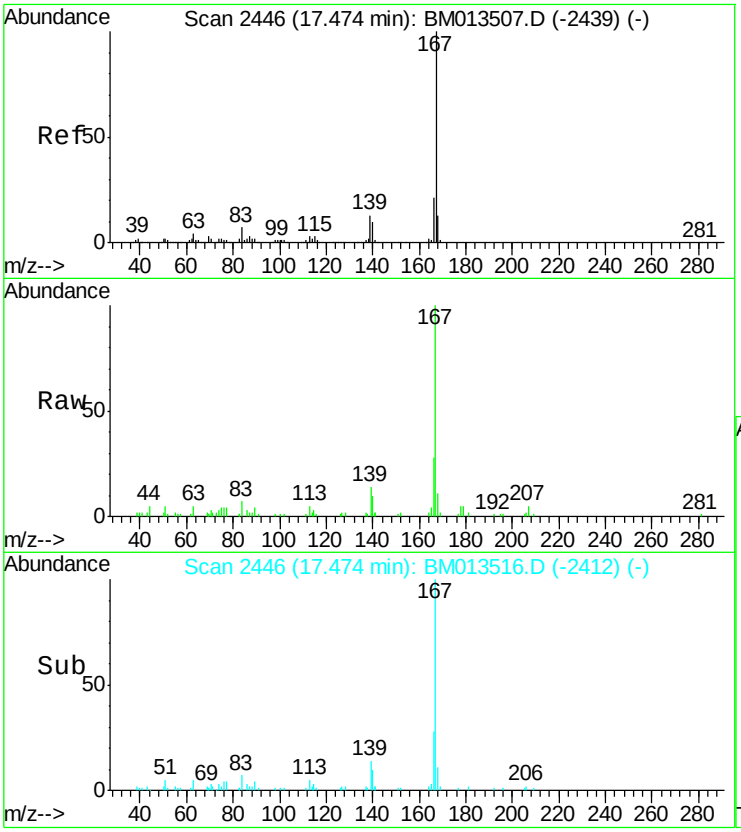


#71
Anthracene
Concen: 2.126 ng/ul
RT: 17.20 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM013516.D
Acq: 19 Dec 2017 17:04

Tgt Ion:178 Resp: 106216

Ion	Ratio	Lower	Upper
178	100		
179	16.4	11.7	17.5
176	17.1	14.6	21.8



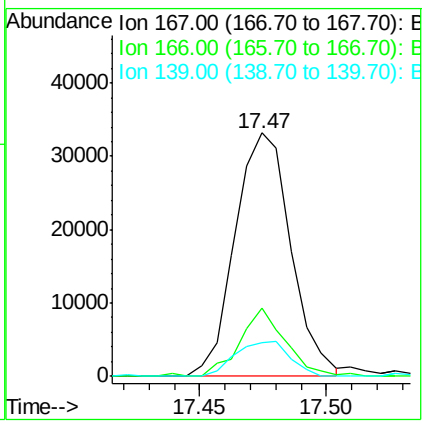


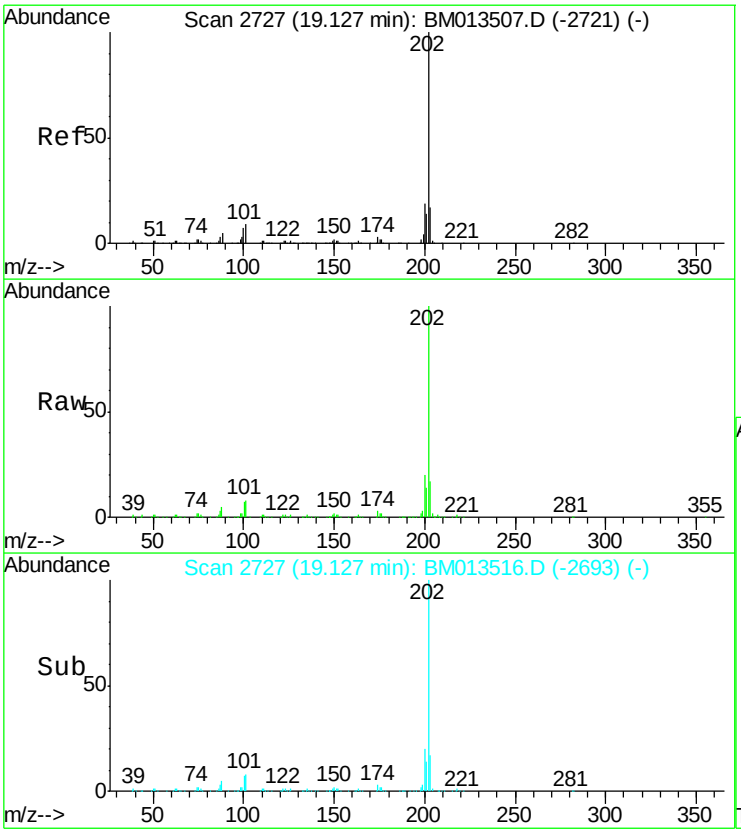
#72
Carbazole
Concen: 1.178 ng/ul
RT: 17.47 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BM013516.D
Acq: 19 Dec 2017 17:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 50597

Ion	Ratio	Lower	Upper
167	100		
166	27.8	17.1	25.7#
139	14.0	10.0	15.0

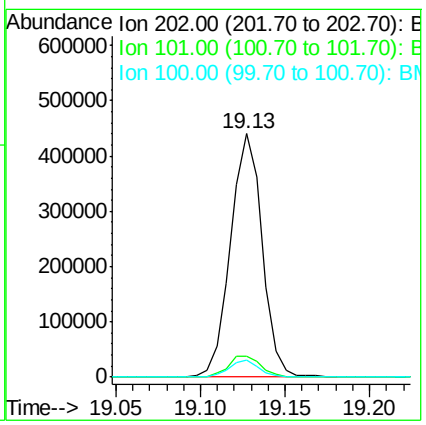


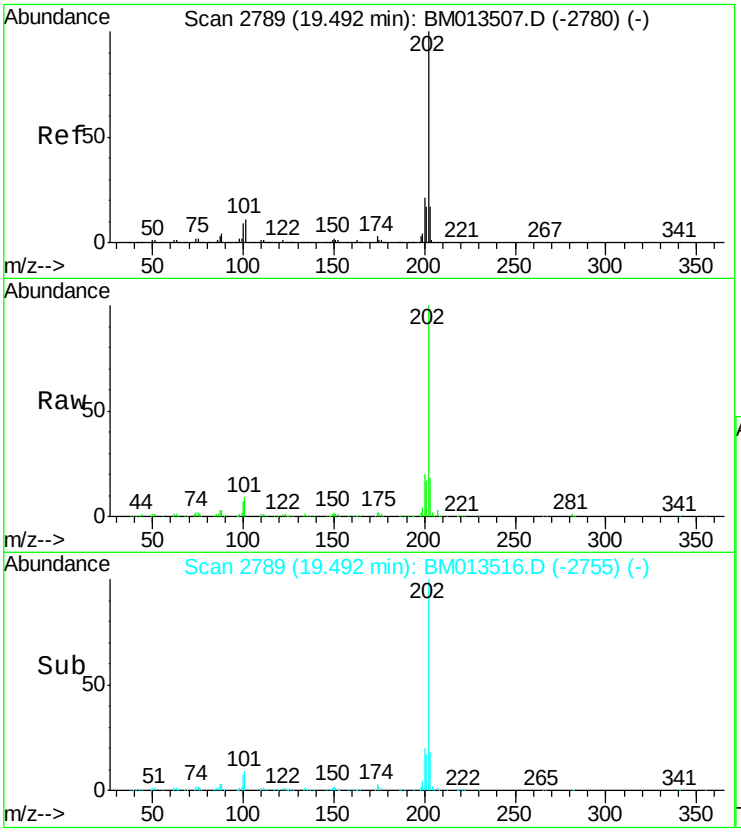


#74
Fluoranthene
Concen: 9.576 ng/ul
RT: 19.13 min Scan# 2727
Delta R.T. 0.00 min
Lab File: BM013516.D
Acq: 19 Dec 2017 17:04

Tgt Ion:202 Resp: 573487

Ion	Ratio	Lower	Upper
202	100		
101	8.3	4.6	7.0#
100	7.1	3.4	5.2#



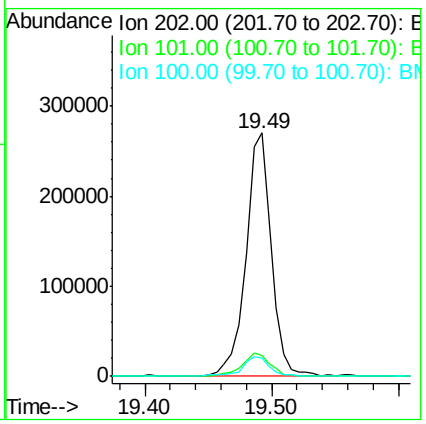


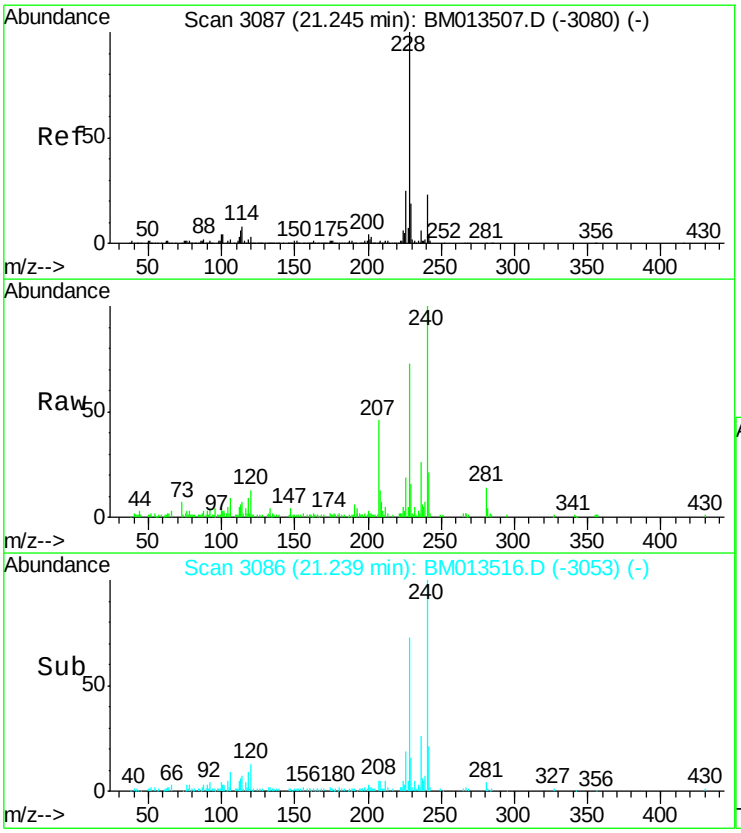
#77
Pyrene
Concen: 8.535 ng/ul
RT: 19.49 min Scan# 2789
Delta R.T. 0.00 min
Lab File: BM013516.D
Acq: 19 Dec 2017 17:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 379455

Ion	Ratio	Lower	Upper
202	100		
101	8.6	5.1	7.7#
100	7.3	4.9	7.3

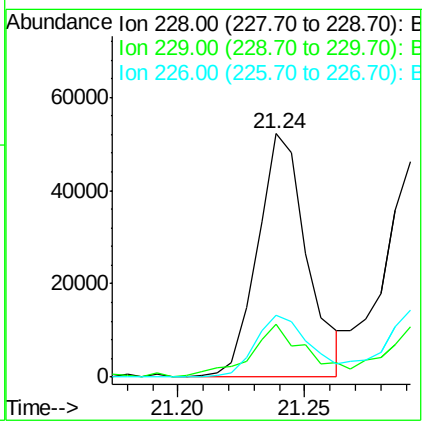


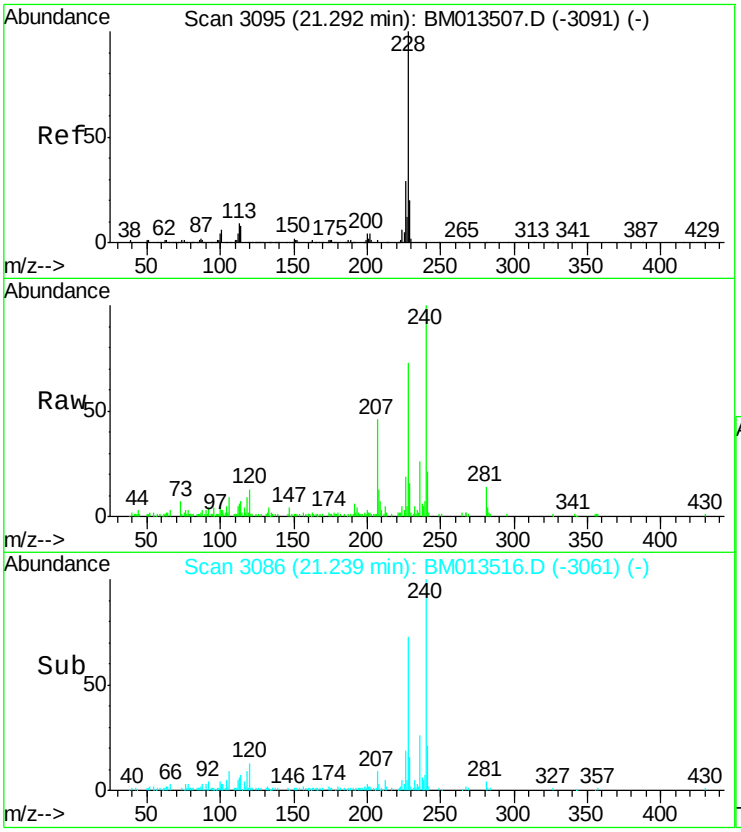


#80
Benzo(a)anthracene
Concen: 1.535 ng/ul
RT: 21.24 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM013516.D
Acq: 19 Dec 2017 17:04

Tgt Ion:228 Resp: 71282

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.4	23.0
226	25.6	21.4	32.0





#82
Chrysene
Concen: 1.655 ng/ul
RT: 21.24 min Scan# 3086
Delta R.T. -0.05 min
Lab File: BM013516.D
Acq: 19 Dec 2017 17:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 71282

Ion	Ratio	Lower	Upper
228	100		
226	25.6	23.4	35.2
229	21.9	15.5	23.3