Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005475.D
Acq On : 18 May 2016 18:30
Operator : UM/SJ
Sample : H2844-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB9

Quant Time: May 19 01:44:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 14:47:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	35718	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	178714	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	125396	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	335016	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	515264	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	600847	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	982	1.06	ng/uL	0.00
5) Phenol-d5	6.99	99	22562	6.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	67031	35.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	68783	26.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	46469	15.90	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	44868	34.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	49023	34.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	87430	31.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	639	0.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	408189	39.60	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	466421	38.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	13509	6.39	ng/ul	0.00
57) Fluorene-d10	15.46	176	366128	40.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	57716	32.68	ng/ul	0.00
70) Anthracene-d10	17.30	188	627530	40.72	ng/ul	0.00
76) Pyrene-d10	19.59	212	817246	39.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	1109380	41.30	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	2113	2.04	ng/uL#	80
15) N-Nitroso-di-n-propylamine	8.53	70	1201	0.48	ng/ul#	1
21) Isophorone	9.72	82	4391	0.67	ng/ul#	67
28) Naphthalene	10.67	128	258	0.03	ng/ul#	69
45) 2,6-Dinitrotoluene	13.88	165	2508	1.24	ng/ul#	36
56) Diethylphthalate	15.29	149	1361	0.12	ng/ul#	59
58) Fluorene	15.46	166	769	0.07	ng/ul#	9
69) Phenanthrene	17.24	178	629	0.03	ng/ul#	60
71) Anthracene	17.24	178	629	0.03	ng/ul#	60
73) Di-n-butylphthalate	18.17	149	1230	0.06	ng/ul#	78
74) Fluoranthene	19.26	202	657	0.03	ng/ul#	72
77) Pyrene	19.62	202	599	0.02	ng/ul#	69
80) Benzo(a)anthracene	21.38	228	1680	0.06	ng/ul#	61
81) Bis(2-ethylhexyl)phthalate	21.31	149	2005	0.11	ng/ul#	52
82) Chrysene	21.42	228	490	0.02	ng/ul#	50
84) Di-n-octyl phthalate	22.20	149	392	0.01	ng/ul#	1
85) Benzo(b)fluoranthene	22.96	252	117	0.00	ng/ul#	1
86) Benzo(k)fluoranthene	22.96	252	117	0.00	ng/ul#	1
88) Benzo(a)pyrene	23.53	252	3924	0.11	ng/ul#	57

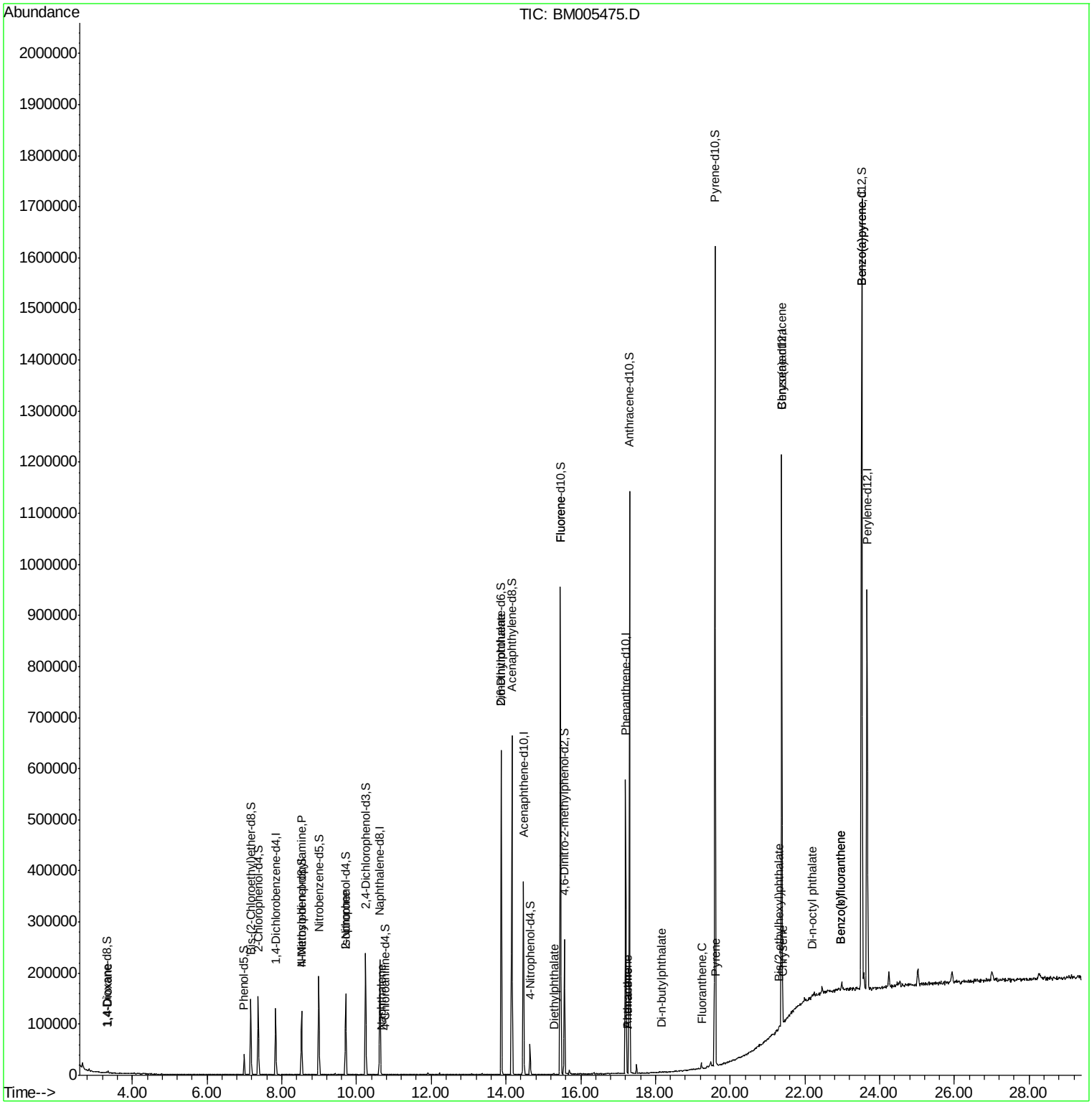
(#) = qualifier out of range (m) = manual integration (+) = signals summed

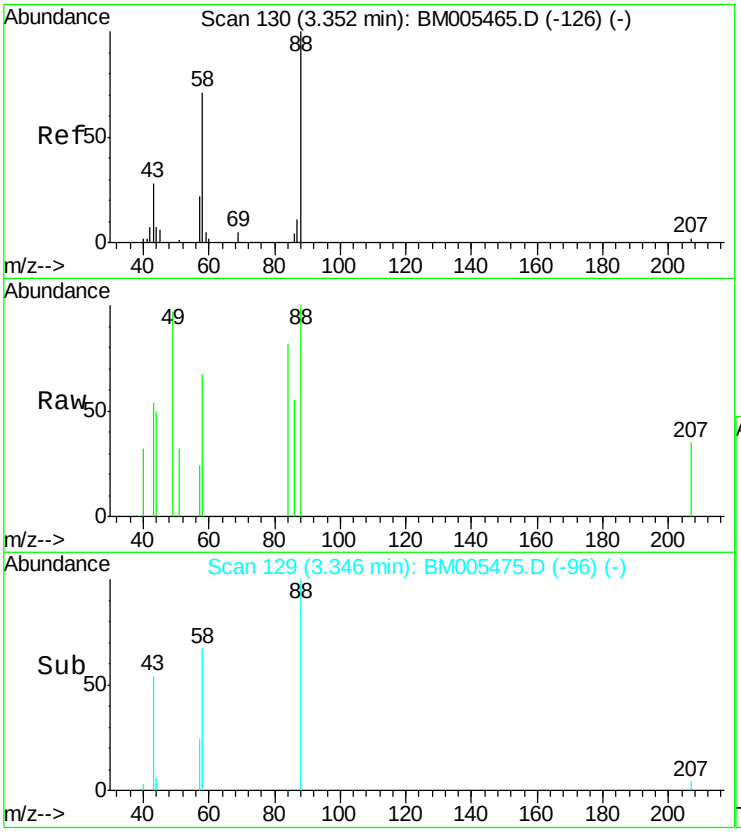
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005475.D
Acq On : 18 May 2016 18:30
Operator : UM/SJ
Sample : H2844-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB9

Quant Time: May 19 01:44:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 14:47:27 2016
Response via : Initial Calibration



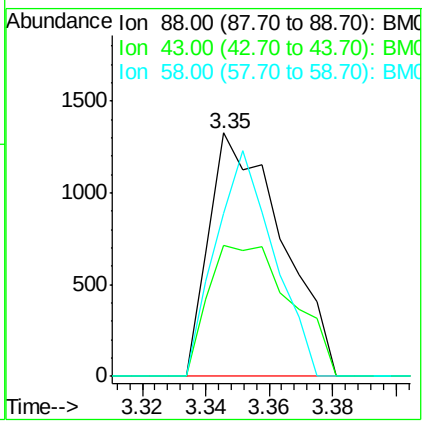


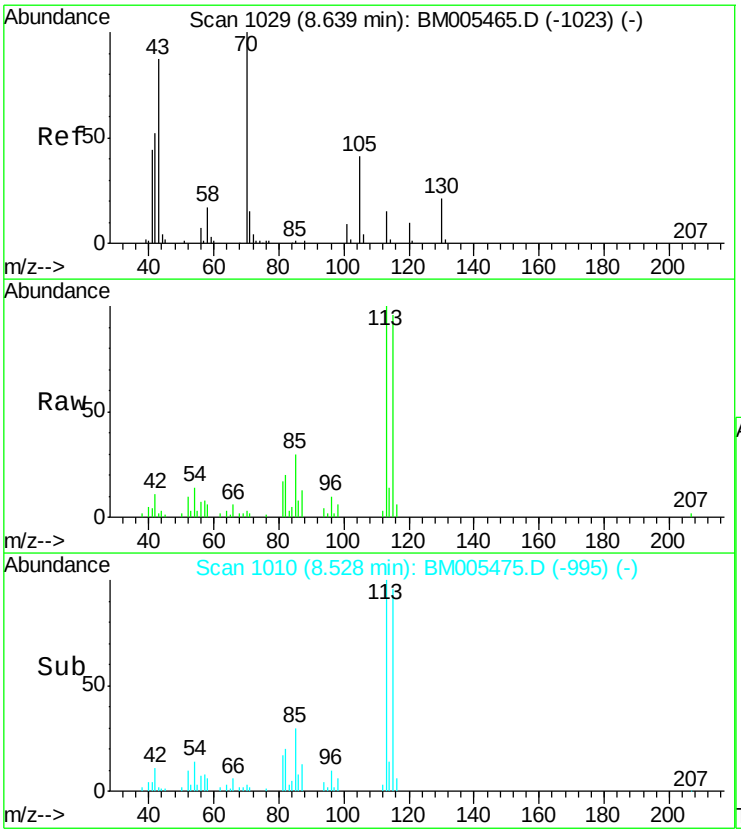
#2
1,4-Dioxane
Concen: 2.04 ng/uL
RT: 3.35 min Scan# 129
Delta R.T. -0.01 min
Lab File: BM005475.D
Acq: 18 May 2016 18:30

Instrument :
BNA_M
ClientSampleId :
C0AB9

Tgt Ion: 88 Resp: 2113

Ion	Ratio	Lower	Upper
88	100		
43	61.1	19.3	28.9#
58	73.5	57.9	86.9

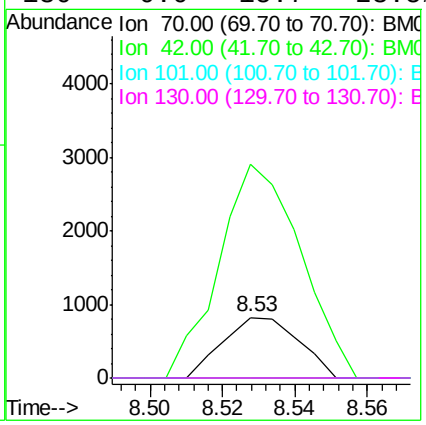


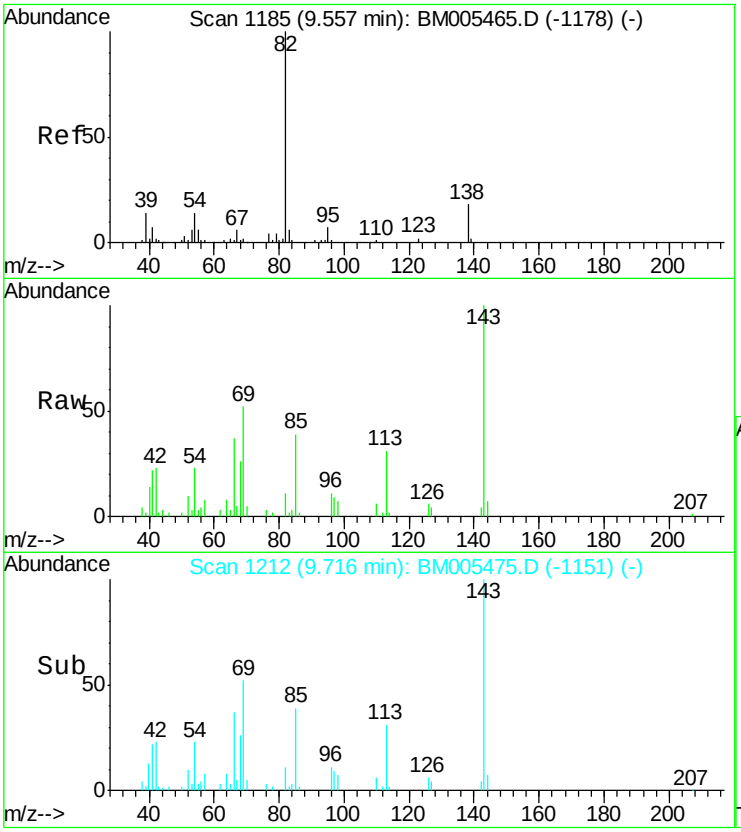


#15
N-Nitroso-di-n-propylamine
Concen: 0.48 ng/ul
RT: 8.53 min Scan# 1010
Delta R.T. -0.11 min
Lab File: BM005475.D
Acq: 18 May 2016 18:30

Tgt Ion: 70 Resp: 1201

Ion	Ratio	Lower	Upper
70	100		
42	354.5	42.8	64.2#
101	0.0	7.8	11.6#
130	0.0	15.7	23.5#



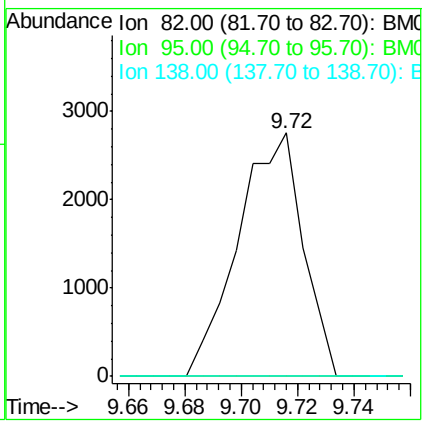


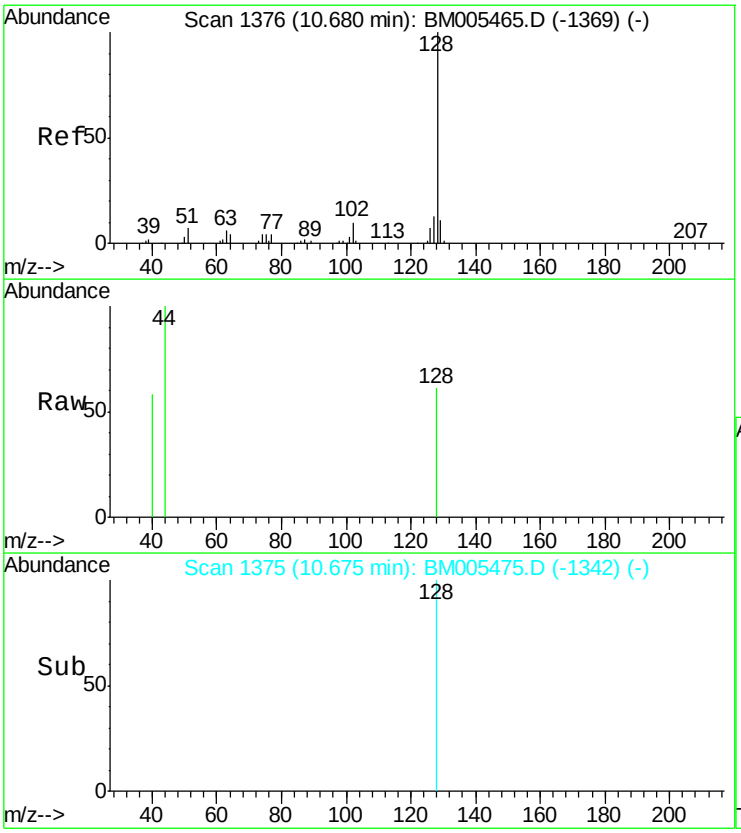
#21
Isophorone
Concen: 0.67 ng/ul
RT: 9.72 min Scan# 1212
Delta R.T. 0.16 min
Lab File: BM005475.D
Acq: 18 May 2016 18:30

Instrument :
BNA_M
ClientSampleId :
C0AB9

Tgt Ion: 82 Resp: 4391

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.2#

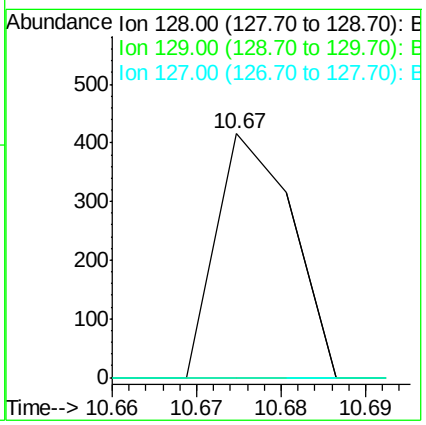


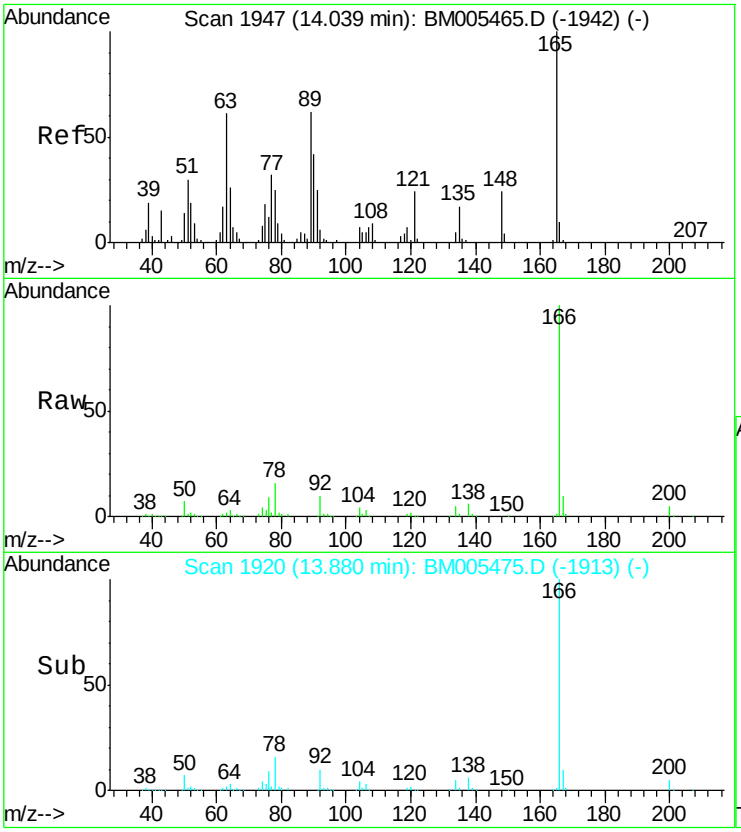


#28
Naphthalene
Concen: 0.03 ng/ul
RT: 10.67 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BM005475.D
Acq: 18 May 2016 18:30

Tgt Ion:128 Resp: 258

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.4	12.6#
127	0.0	10.8	16.2#



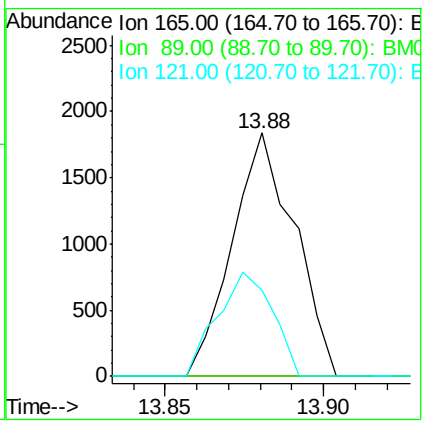


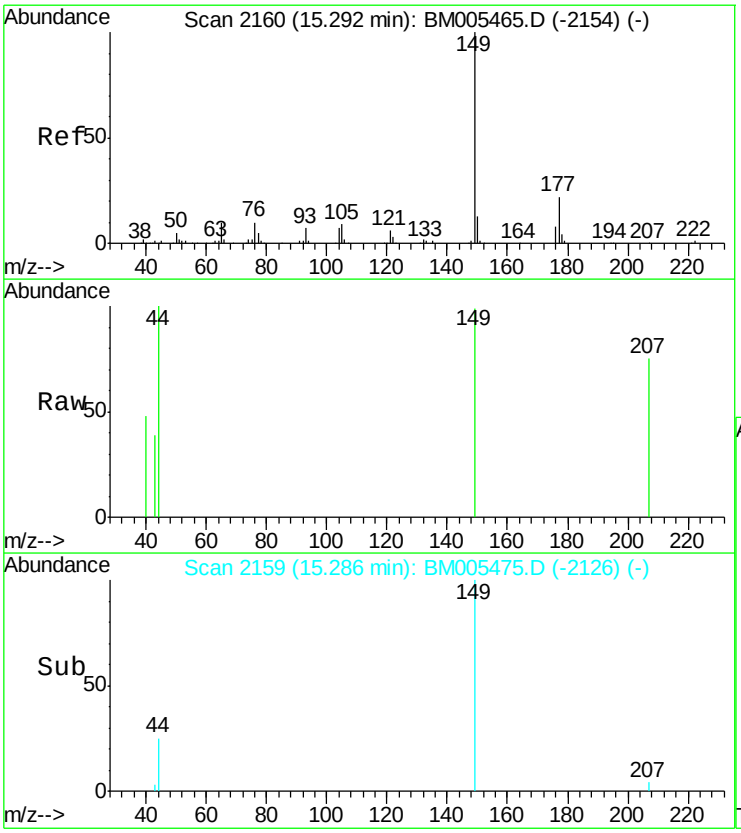
#45
2,6-Dinitrotoluene
Concen: 1.24 ng/ul
RT: 13.88 min Scan# 1920
Delta R.T. -0.16 min
Lab File: BM005475.D
Acq: 18 May 2016 18:30

Instrument :
BNA_M
ClientSampleId :
C0AB9

Tgt Ion:165 Resp: 2508

Ion	Ratio	Lower	Upper
165	100		
89	0.0	52.2	78.4#
121	35.4	21.0	31.4#

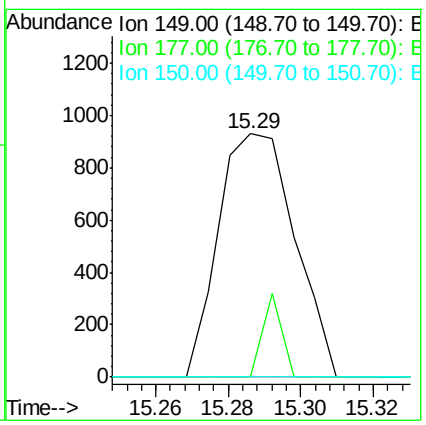


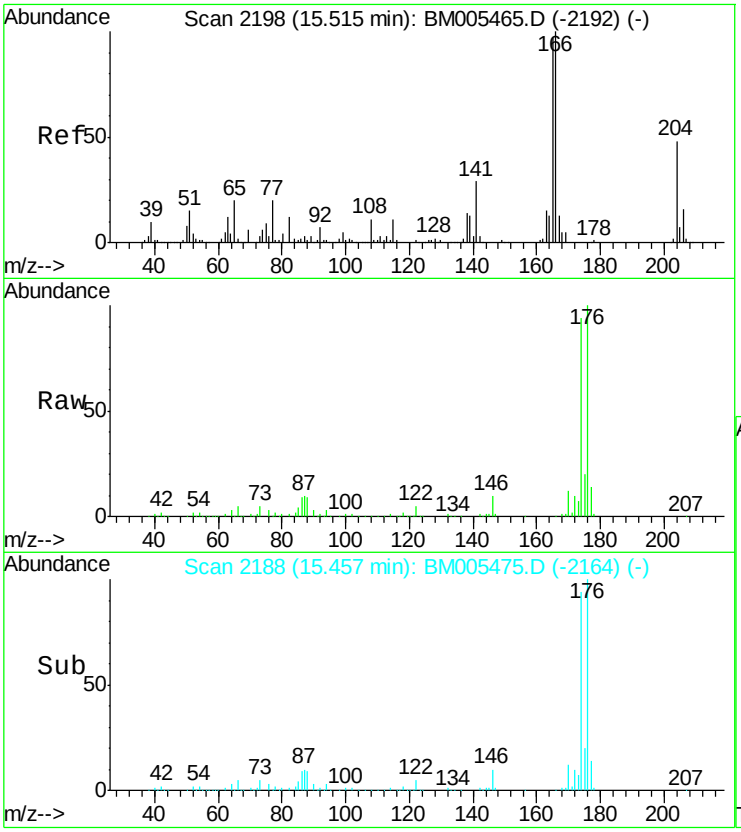


#56
Diethylphthalate
Concen: 0.12 ng/ul
RT: 15.29 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BM005475.D
Acq: 18 May 2016 18:30

Tgt Ion:149 Resp: 1361

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.6	26.4#
150	0.0	9.8	14.8#



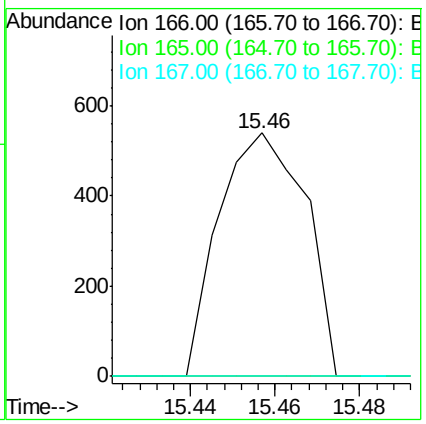


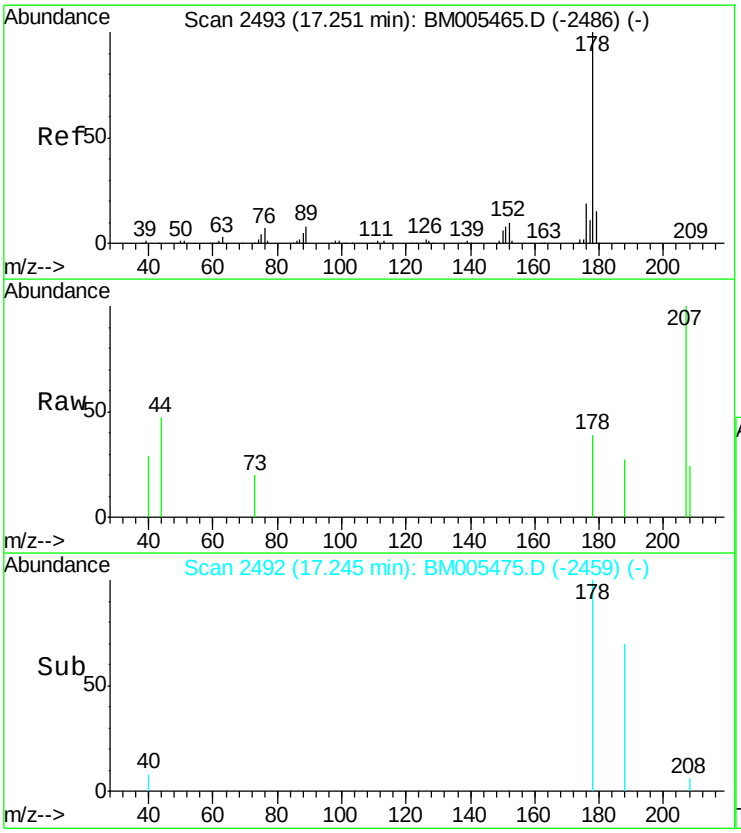
#58
Fluorene
Concen: 0.07 ng/ul
RT: 15.46 min Scan# 2188
Delta R.T. -0.06 min
Lab File: BM005475.D
Acq: 18 May 2016 18:30

Instrument :
BNA_M
ClientSampleId :
C0AB9

Tgt Ion:166 Resp: 769

Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.9	116.9#
167	0.0	10.6	16.0#

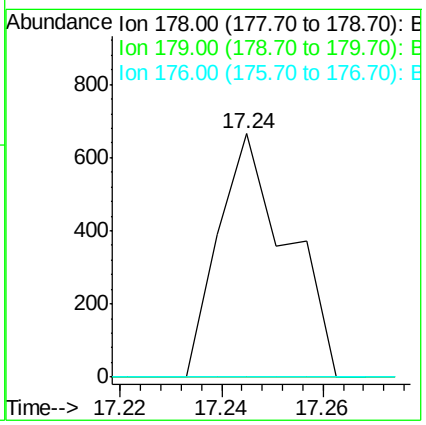


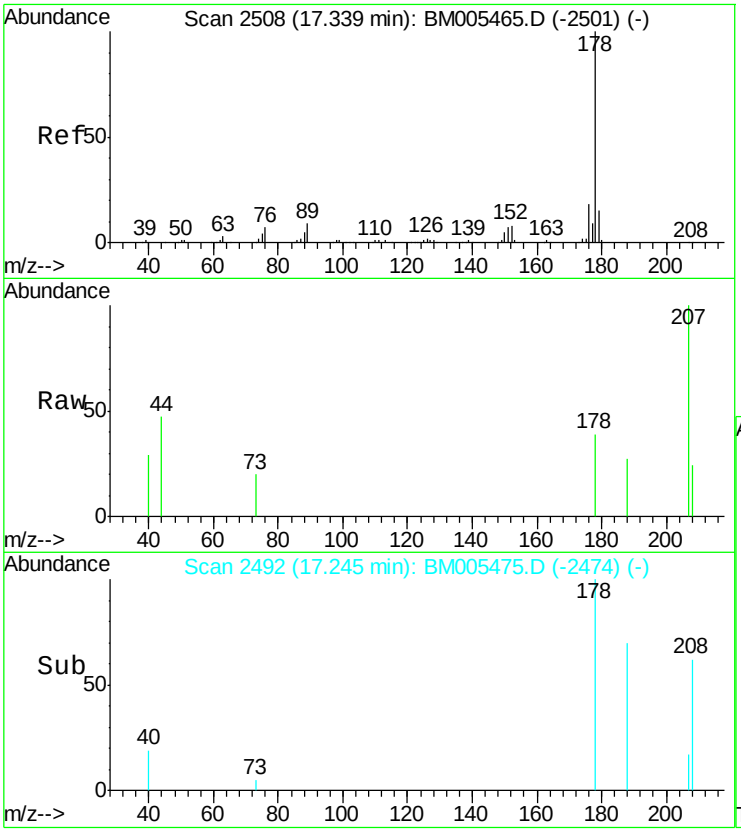


#69
Phenanthrene
Concen: 0.03 ng/ul
RT: 17.24 min Scan# 2492
Delta R.T. -0.01 min
Lab File: BM005475.D
Acq: 18 May 2016 18:30

Tgt Ion:178 Resp: 629

Ion	Ratio	Lower	Upper
178	100		
179	0.0	12.3	18.5#
176	0.0	15.2	22.8#



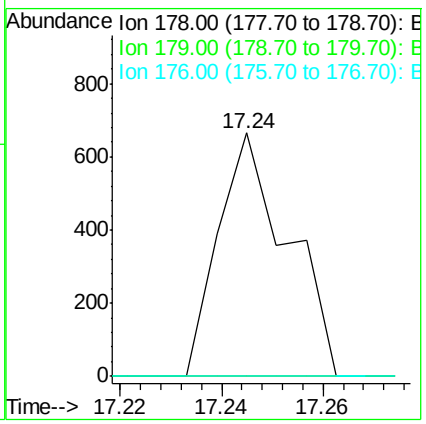


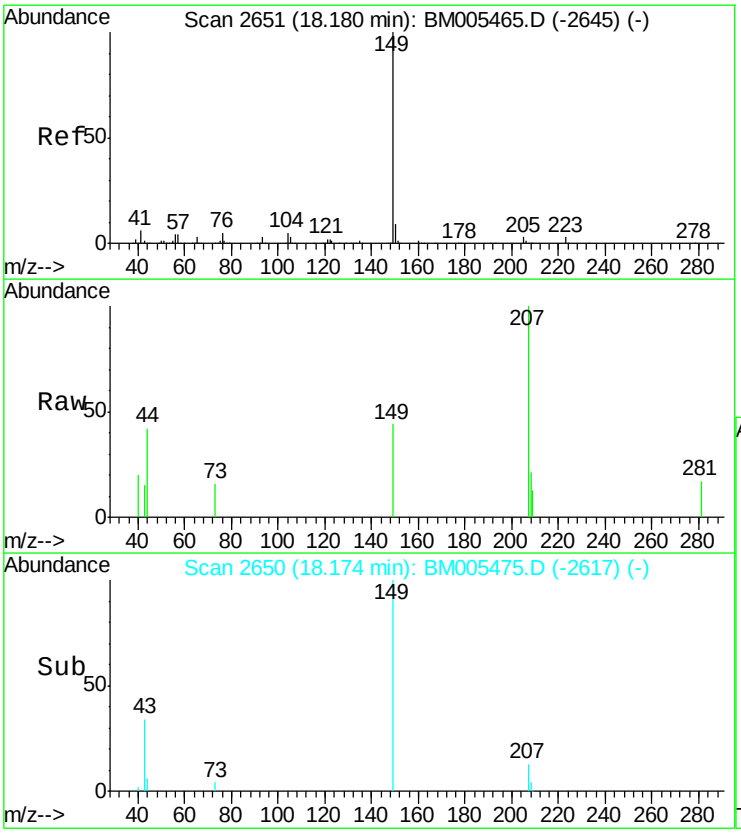
#71
Anthracene
Concen: 0.03 ng/ul
RT: 17.24 min Scan# 2492
Delta R.T. -0.09 min
Lab File: BM005475.D
Acq: 18 May 2016 18:30

Instrument :
BNA_M
ClientSampleId :
C0AB9

Tgt Ion:178 Resp: 629

Ion	Ratio	Lower	Upper
178	100		
179	0.0	12.4	18.6#
176	0.0	15.1	22.7#

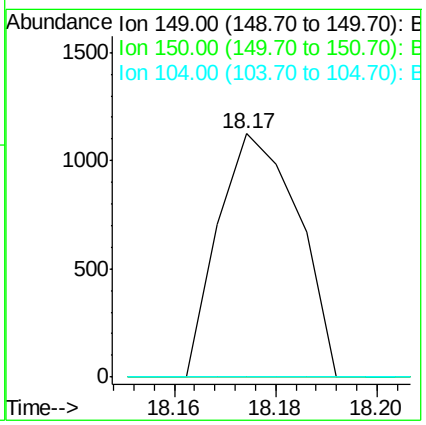


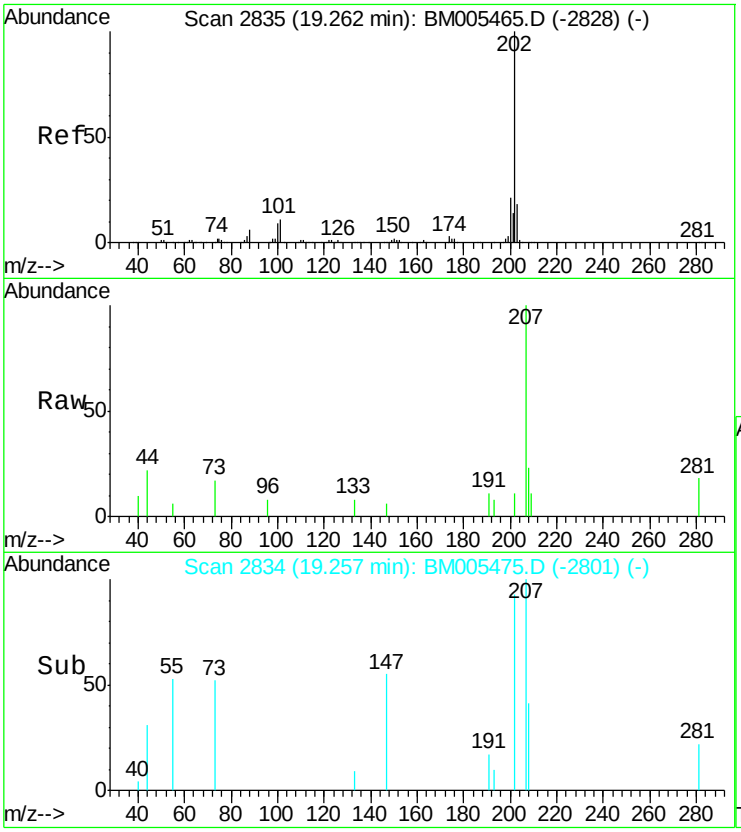


#73
Di-n-butylphthalate
Concen: 0.06 ng/ul
RT: 18.17 min Scan# 2650
Delta R.T. -0.01 min
Lab File: BM005475.D
Acq: 18 May 2016 18:30

Tgt Ion:149 Resp: 1230

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.3	10.9#
104	0.0	4.1	6.1#



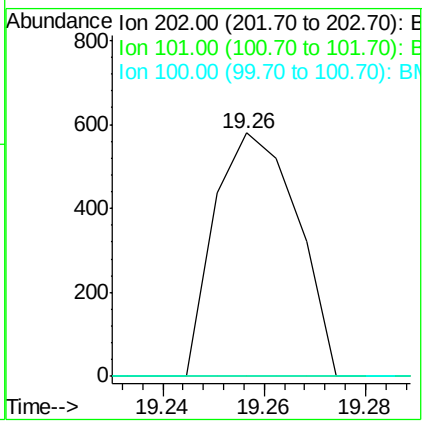


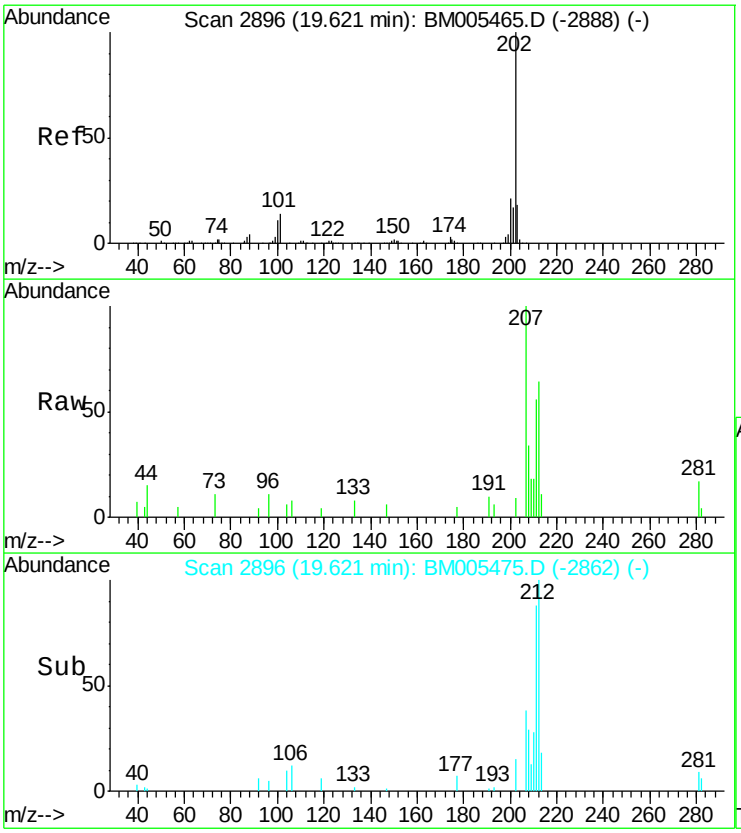
#74
Fluoranthene
Concen: 0.03 ng/ul
RT: 19.26 min Scan# 2834
Delta R.T. -0.01 min
Lab File: BM005475.D
Acq: 18 May 2016 18:30

Instrument :
BNA_M
ClientSampleId :
C0AB9

Tgt Ion:202 Resp: 657

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.2	13.8#
100	0.0	7.1	10.7#

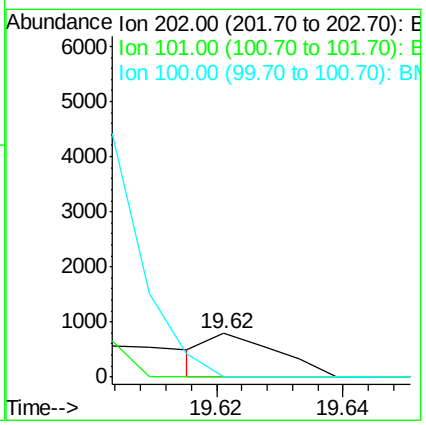


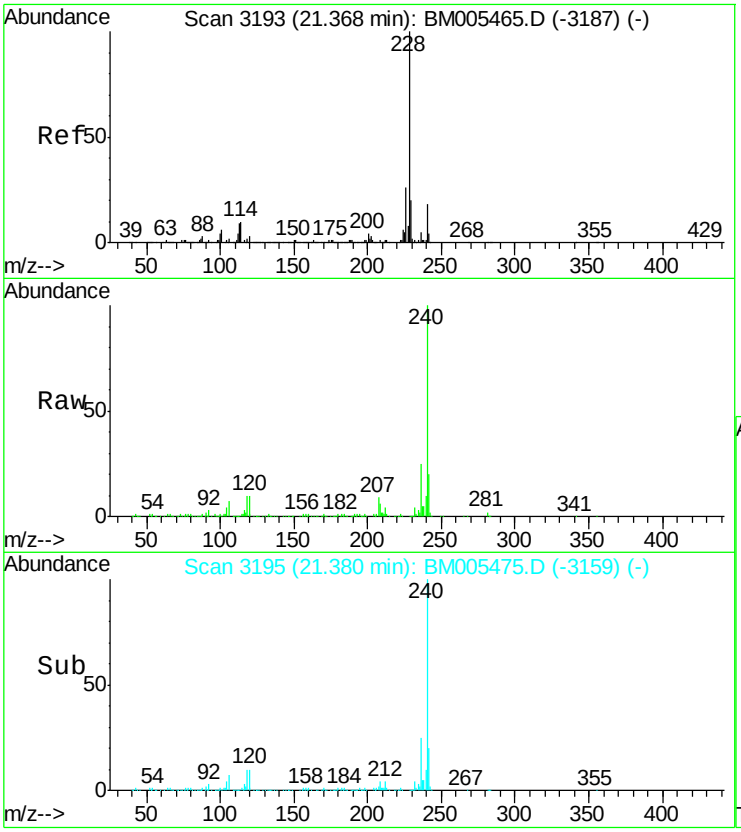


#77
Pyrene
Concen: 0.02 ng/ul
RT: 19.62 min Scan# 2896
Delta R.T. 0.00 min
Lab File: BM005475.D
Acq: 18 May 2016 18:30

Tgt Ion:202 Resp: 599

Ion	Ratio	Lower	Upper
202	100		
101	0.0	10.8	16.2#
100	0.0	8.4	12.6#



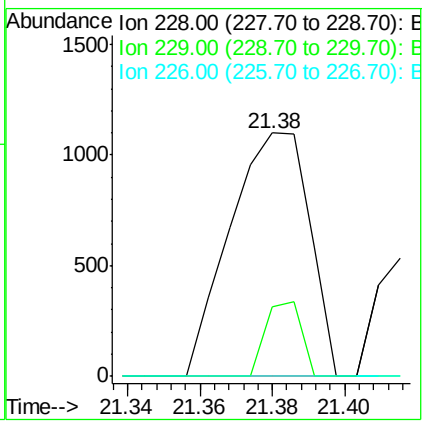


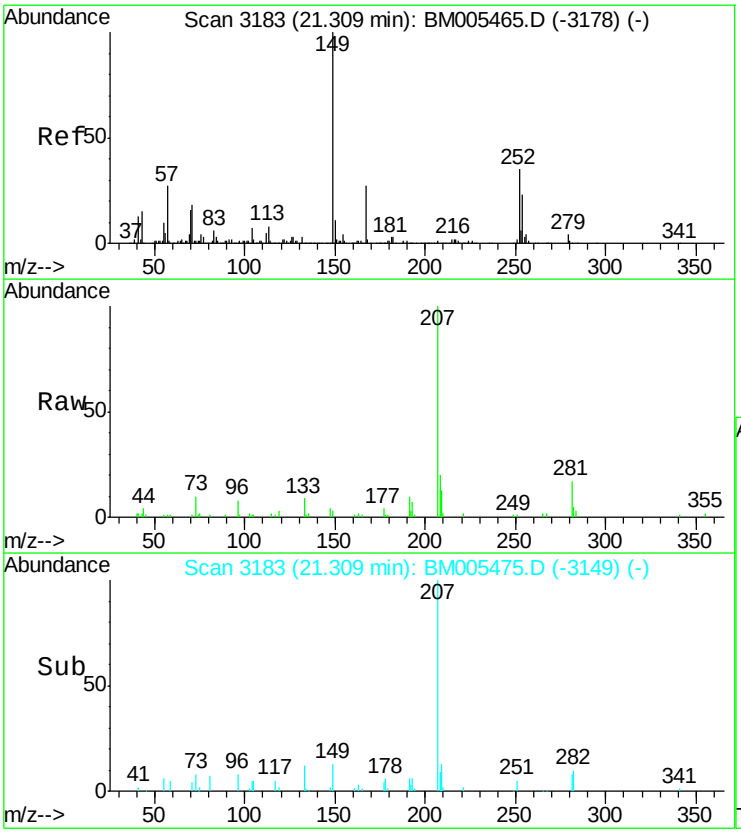
#80
Benzo(a)anthracene
Concen: 0.06 ng/ul
RT: 21.38 min Scan# 3195
Delta R.T. 0.01 min
Lab File: BM005475.D
Acq: 18 May 2016 18:30

Instrument :
BNA_M
ClientSampleId :
C0AB9

Tgt Ion:228 Resp: 1680

Ion	Ratio	Lower	Upper
228	100		
229	28.4	15.5	23.3#
226	0.0	21.8	32.8#

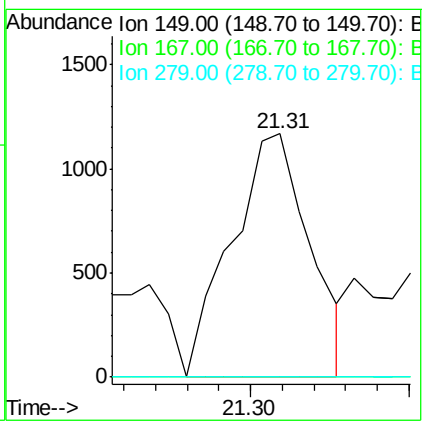


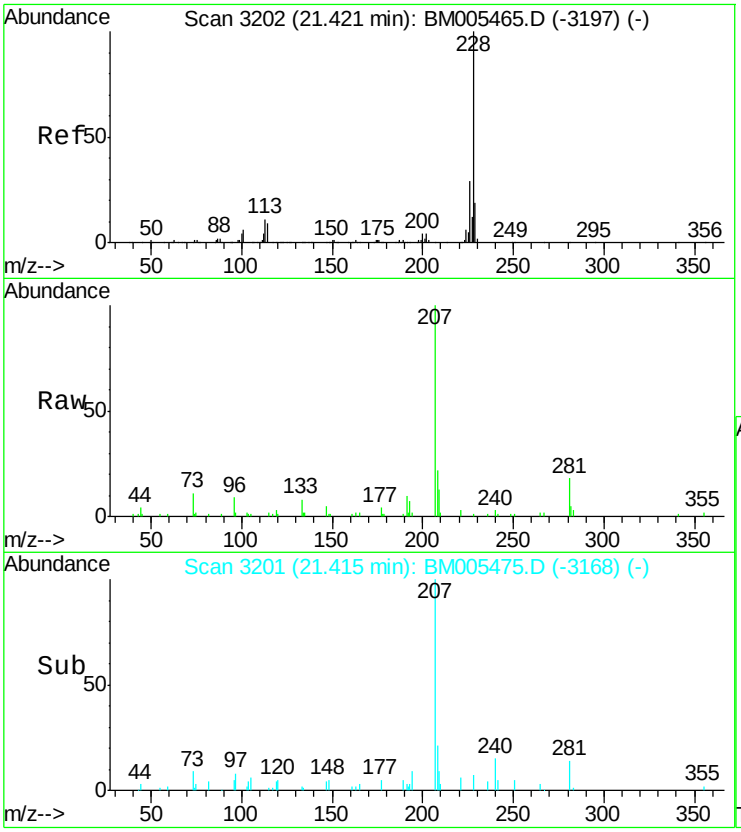


#81
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng/ul
RT: 21.31 min Scan# 3183
Delta R.T. 0.00 min
Lab File: BM005475.D
Acq: 18 May 2016 18:30

Tgt Ion:149 Resp: 2005

Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.9	32.9#
279	0.0	3.0	4.4#



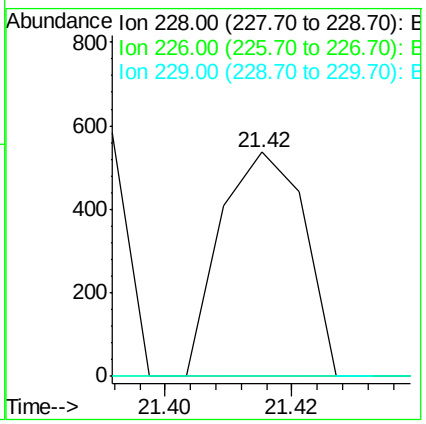


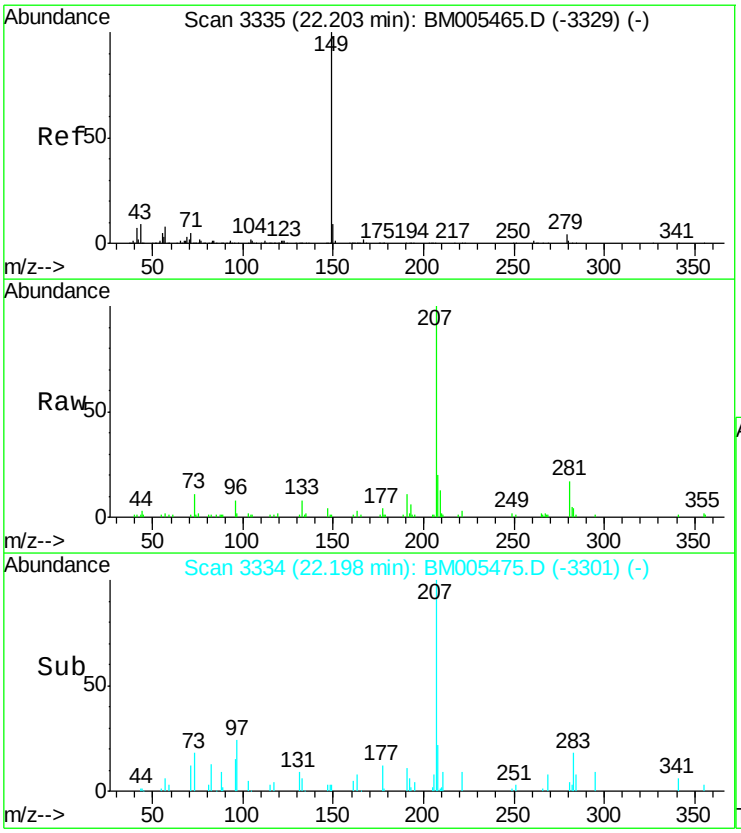
#82
Chrysene
Concen: 0.02 ng/ul
RT: 21.42 min Scan# 3201
Delta R.T. -0.01 min
Lab File: BM005475.D
Acq: 18 May 2016 18:30

Instrument :
BNA_M
ClientSampleId :
C0AB9

Tgt Ion:228 Resp: 490

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.6	35.4#
229	0.0	15.4	23.0#

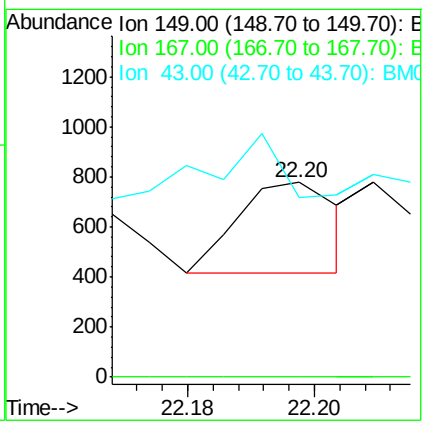


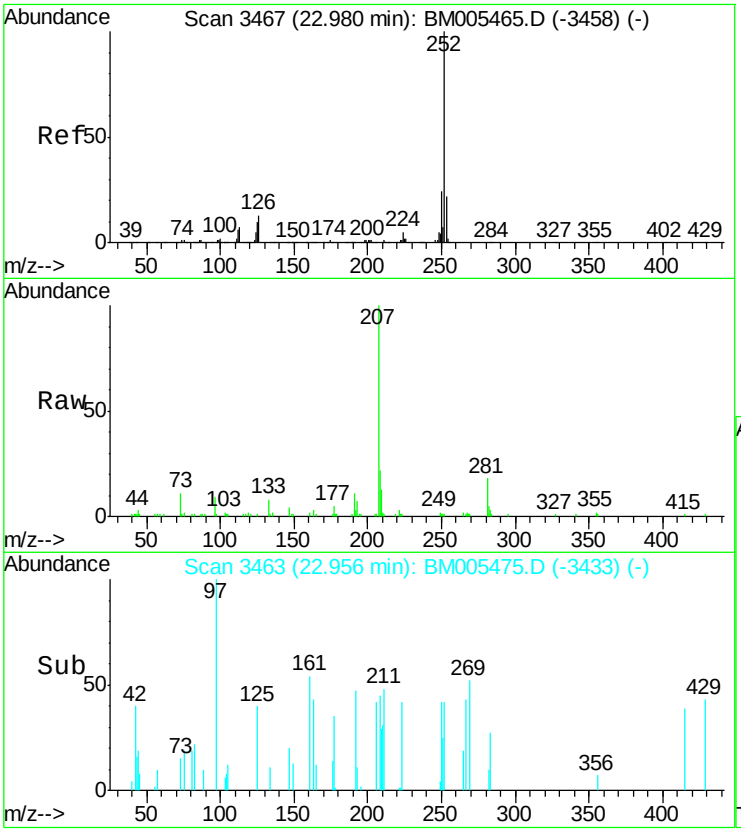


#84
Di-n-octyl phthalate
Concen: 0.01 ng/ul
RT: 22.20 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BM005475.D
Acq: 18 May 2016 18:30

Tgt Ion:149 Resp: 392

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	92.5	7.4	11.0#



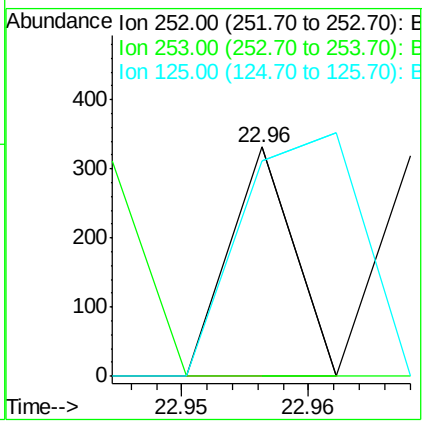


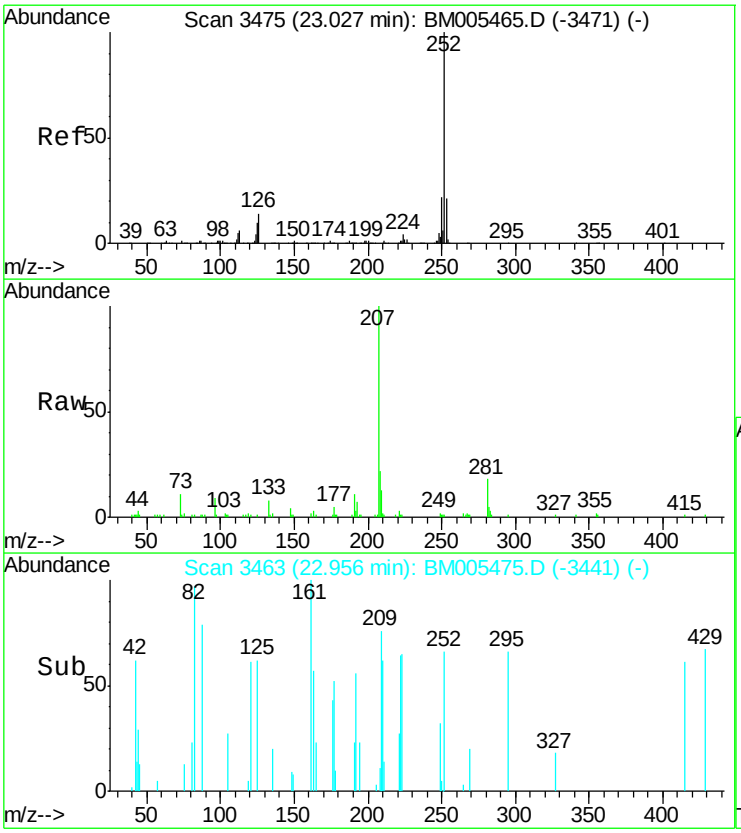
#85
Benzo(b)fluoranthene
Concen: 0.00 ng/ul
RT: 22.96 min Scan# 3463
Delta R.T. -0.02 min
Lab File: BM005475.D
Acq: 18 May 2016 18:30

Instrument :
BNA_M
ClientSampleId :
C0AB9

Tgt Ion:252 Resp: 117

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	94.3	8.4	12.6#

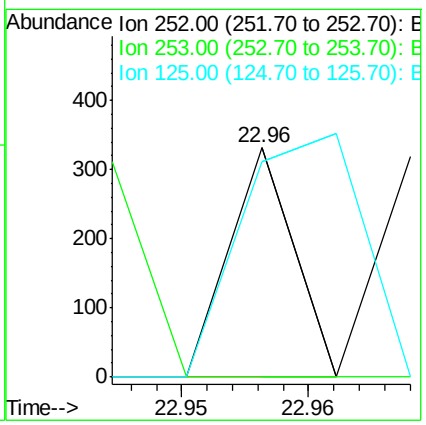


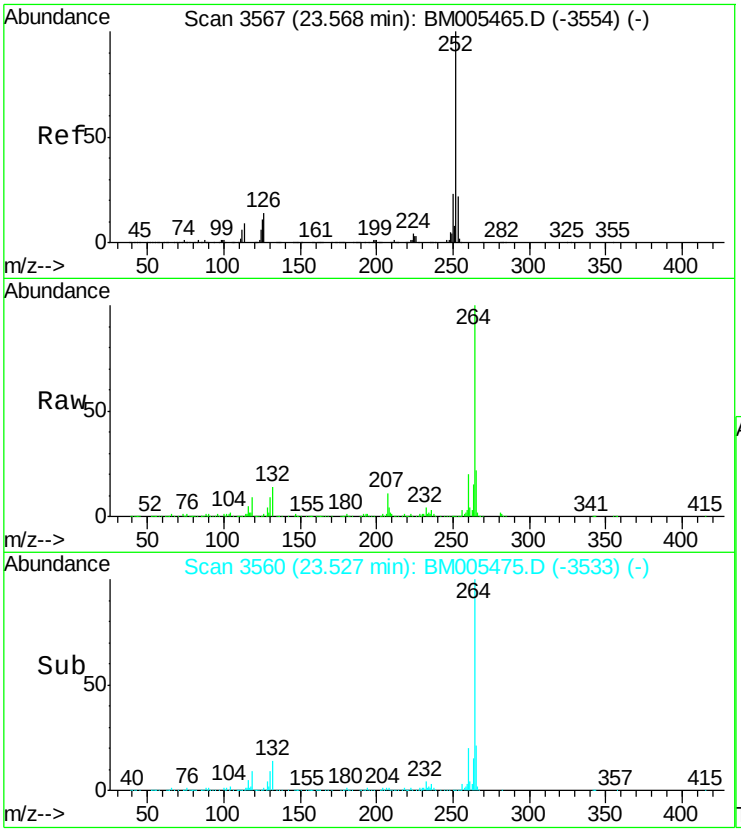


#86
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 22.96 min Scan# 3463
Delta R.T. -0.07 min
Lab File: BM005475.D
Acq: 18 May 2016 18:30

Tgt Ion:252 Resp: 117

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.3	25.9#
125	94.3	8.0	12.0#





#88
Benzo(a)pyrene
Concen: 0.11 ng/ul
RT: 23.53 min Scan# 3560
Delta R.T. -0.04 min
Lab File: BM005475.D
Acq: 18 May 2016 18:30

Instrument :
BNA_M
ClientSampleId :
C0AB9

Tgt Ion:252 Resp: 3924

Ion	Ratio	Lower	Upper
252	100		
253	38.8	17.5	26.3#
125	32.3	8.7	13.1#