Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005605.D
Acq On : 23 May 2016 02:19
Operator : UM/SJ
Sample : H3086-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGH6

Quant Time: May 23 05:37:30 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	137087	20.00	ng/ul	0.01
18) Naphthalene-d8	10.62	136	569875	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.47	164	287382	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.22	188	640948	20.00	ng/ul	0.03
75) Chrysene-d12	21.38	240	665723	20.00	ng/ul	0.02
83) Perylene-d12	23.67	264	607968	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	8691	2.78	ng/uL	0.00
5) Phenol-d5	7.00	99	304768	27.12	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.15	67	168168	25.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	246764	26.32	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	248095	26.94	ng/ul	0.02
19) Nitrobenzene-d5	8.98	128	120674	27.70	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	123716	25.79	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	244766	27.10	ng/ul	0.02
29) 4-Chloroaniline-d4	10.83	131	6877	0.76	ng/ul	0.09
43) Dimethylphthalate-d6	13.87	166	622275	26.53	ng/ul	0.01
46) Acenaphthylene-d8	14.16	160	833448	28.42	ng/ul	0.02
51) 4-Nitrophenol-d4	14.68	143	119952	27.03	ng/ul	0.03
57) Fluorene-d10	15.46	176	573896	28.12	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.55	200	8266	2.24	ng/ul	0.00
70) Anthracene-d10	17.31	188	873228	28.60	ng/ul	0.02
76) Pyrene-d10	19.60	212	1023697	33.96	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.53	264	775774	27.33	ng/ul	0.03
Target Compounds						Qvalue
14) Acetophenone	8.62	105	16447	1.19	ng/ul#	58
17) Hexachloroethane	8.92	117	5375	1.43	ng/ul#	5
21) Isophorone	9.53	82	88998	4.51	ng/ul#	1
23) 2-Nitrophenol	9.73	139	6756	1.31	ng/ul#	1
24) 2,4-Dimethylphenol	9.82	107	22384	2.10	ng/ul#	69
32) Caprolactam	11.53	113	5662	1.91	ng/ul#	1
42) 2-Nitroaniline	13.55	65	8905	1.59	ng/ul#	57
44) Dimethylphthalate	13.92	163	209752	9.05	ng/ul#	89
45) 2,6-Dinitrotoluene	14.01	165	21419	4.57	ng/ul#	34
47) Acenaphthylene	14.19	152	36948	1.24	ng/ul#	1
48) 3-Nitroaniline	14.37	138	10064	2.32	ng/ul#	48
49) Acenaphthene	14.53	153	73410	3.74	ng/ul#	85
52) 4-Nitrophenol	14.69	109	5131	1.15	ng/ul#	25
53) Dibenzofuran	14.78	168	64608	2.30	ng/ul	88
58) Fluorene	15.52	166	124324	5.54	ng/ul#	80
63) 4,6-Dinitro-2-methylphenol	15.56	198	6597	1.70	ng/ul#	1
64) N-Nitrosodiphenylamine	15.73	169	304934	15.68	ng/ul#	50
69) Phenanthrene	17.26	178	134249	3.75	ng/ul#	59
74) Fluoranthene	19.26	202	66187	1.64	ng/ul#	76
77) Pyrene	19.63	202	423618	11.07	ng/ul#	95
80) Benzo(a)anthracene	21.36	228	65743	1.68	ng/ul#	16
82) Chrysene	21.42	228	148795	4.00	ng/ul#	52
88) Benzo(a)pyrene	23.57	252	36064	1.04	ng/ul#	2

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005605.D
Acq On : 23 May 2016 02:19
Operator : UM/SJ
Sample : H3086-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGH6

Quant Time: May 23 05:37:30 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005605.D
Acq On : 23 May 2016 02:19
Operator : UM/SJ
Sample : H3086-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
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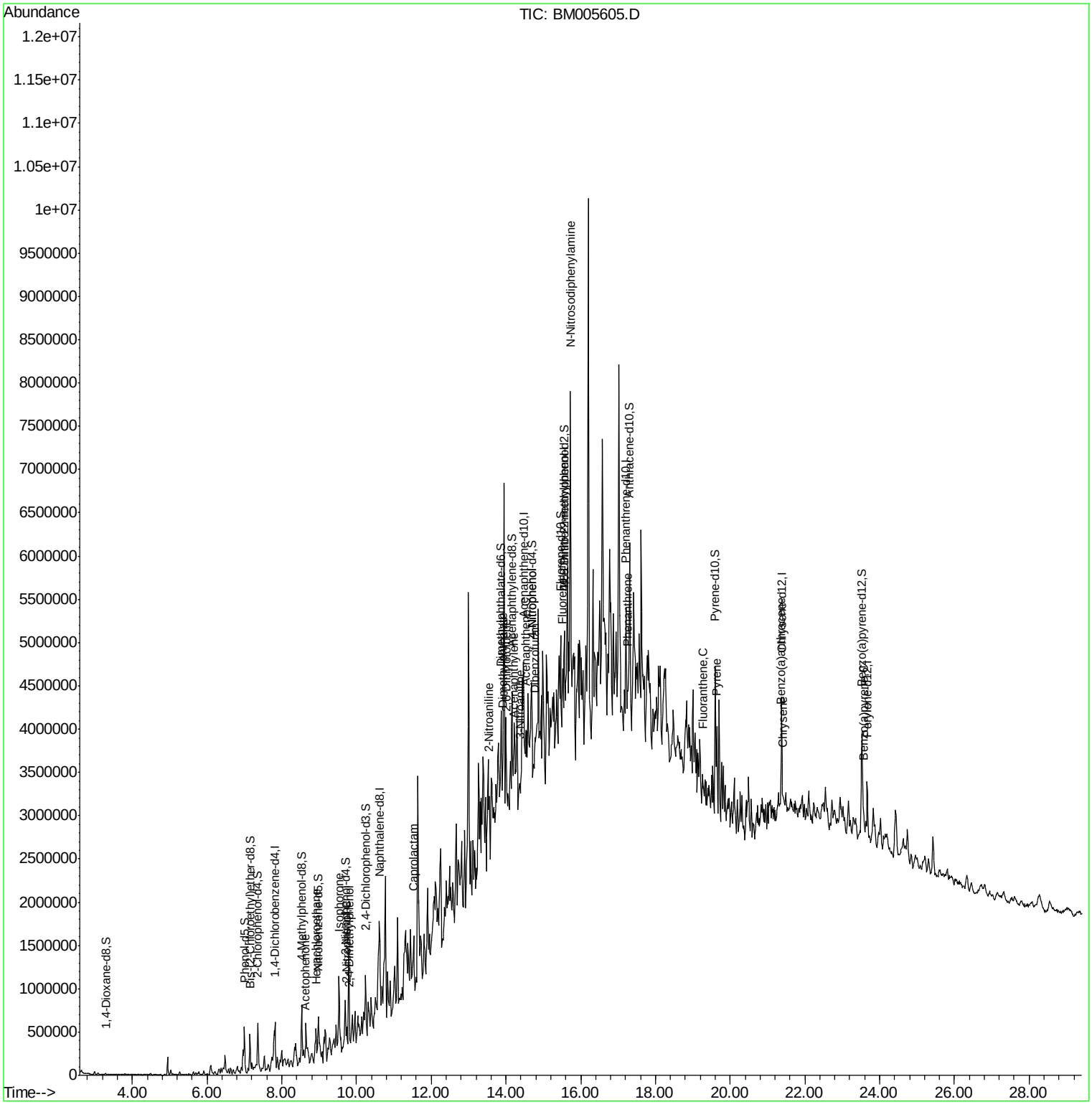
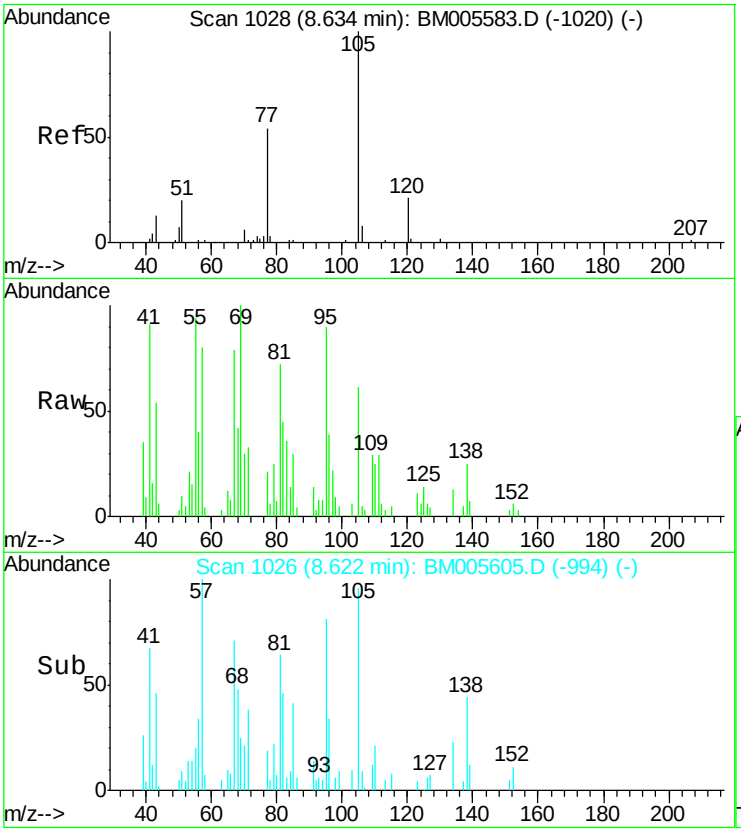
Quant Time: May 23 05:37:30 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration



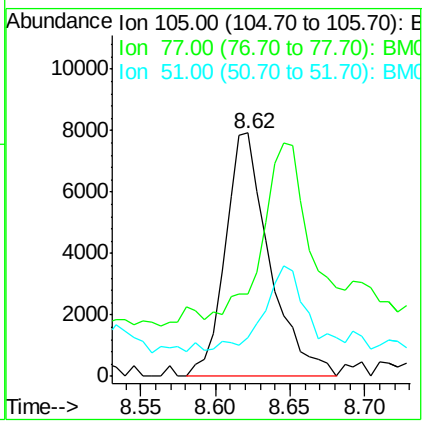


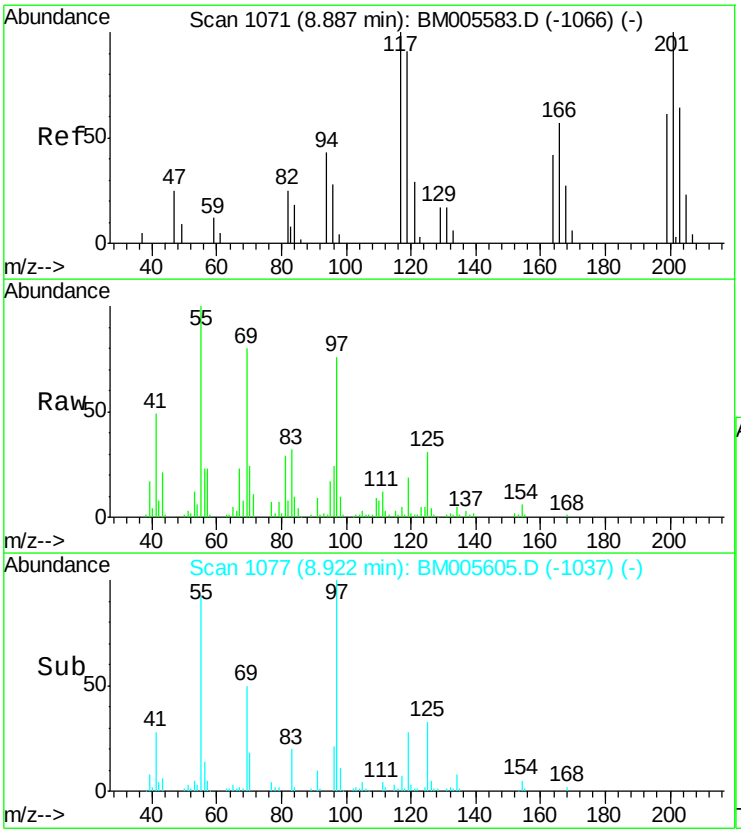
#14
Acetophenone
Concen: 1.19 ng/ul
RT: 8.62 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Instrument :
BNA_M
ClientSampleId :
JHGH6

Tgt Ion:105 Resp: 16447

Ion	Ratio	Lower	Upper
105	100		
77	33.8	60.8	91.2#
51	15.8	22.2	33.2#

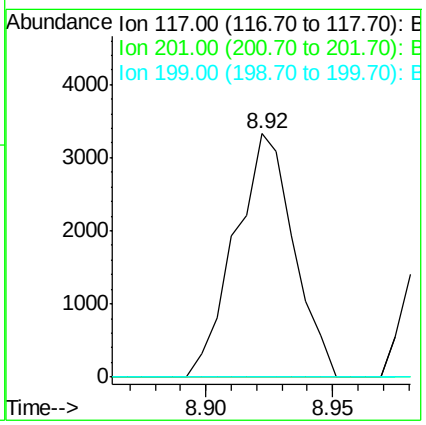


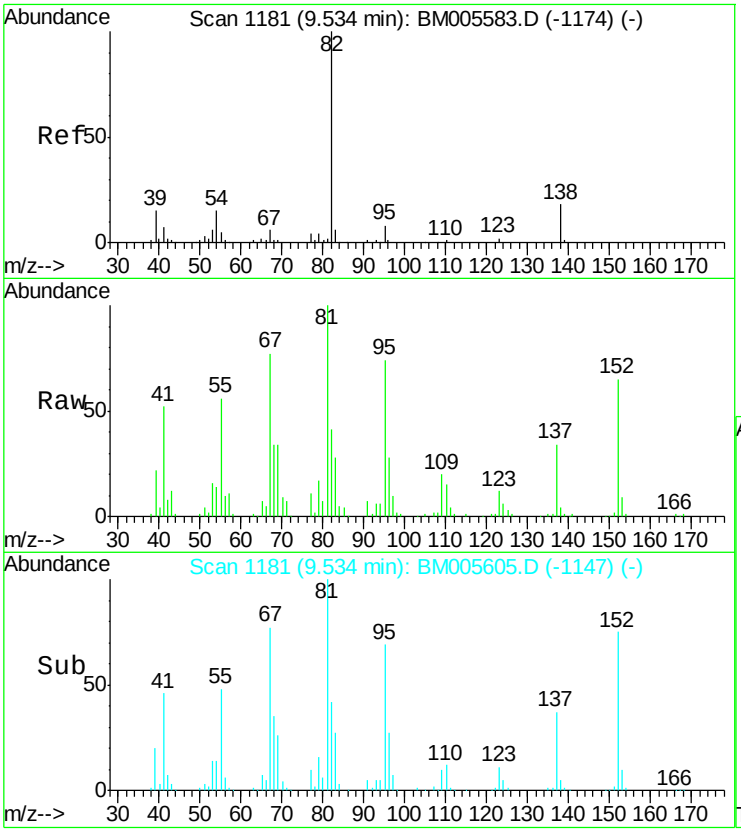


#17
Hexachloroethane
Concen: 1.43 ng/ul
RT: 8.92 min Scan# 1077
Delta R.T. 0.04 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Tgt Ion:117 Resp: 5375

Ion	Ratio	Lower	Upper
117	100		
201	0.0	84.8	127.2#
199	0.0	50.5	75.7#



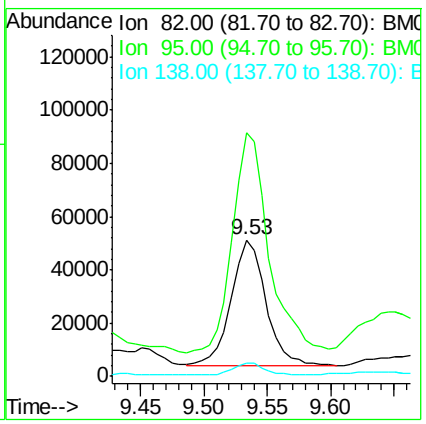


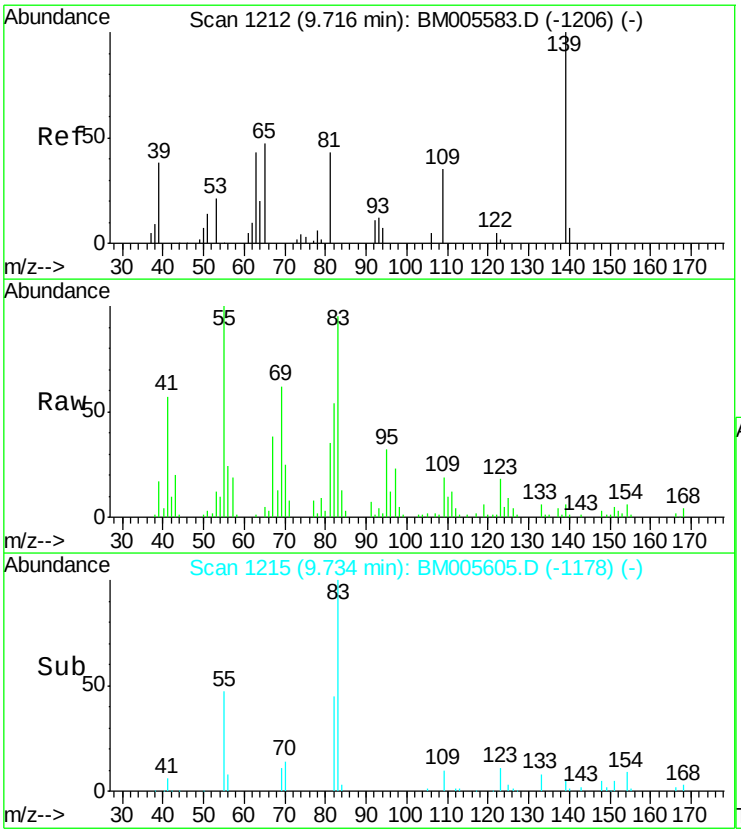
#21
Isophorone
Concen: 4.51 ng/ul
RT: 9.53 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Instrument :
BNA_M
ClientSampleId :
JHGH6

Tgt Ion: 82 Resp: 88998

Ion	Ratio	Lower	Upper
82	100		
95	178.9	6.4	9.6#
138	10.1	13.8	20.6#

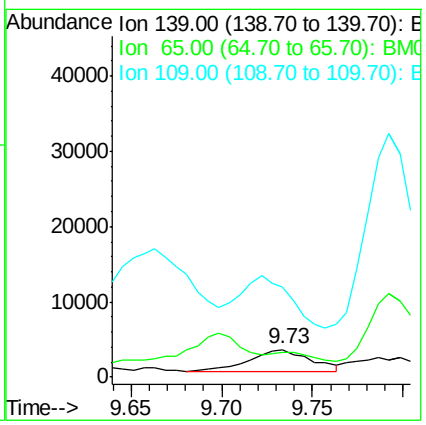


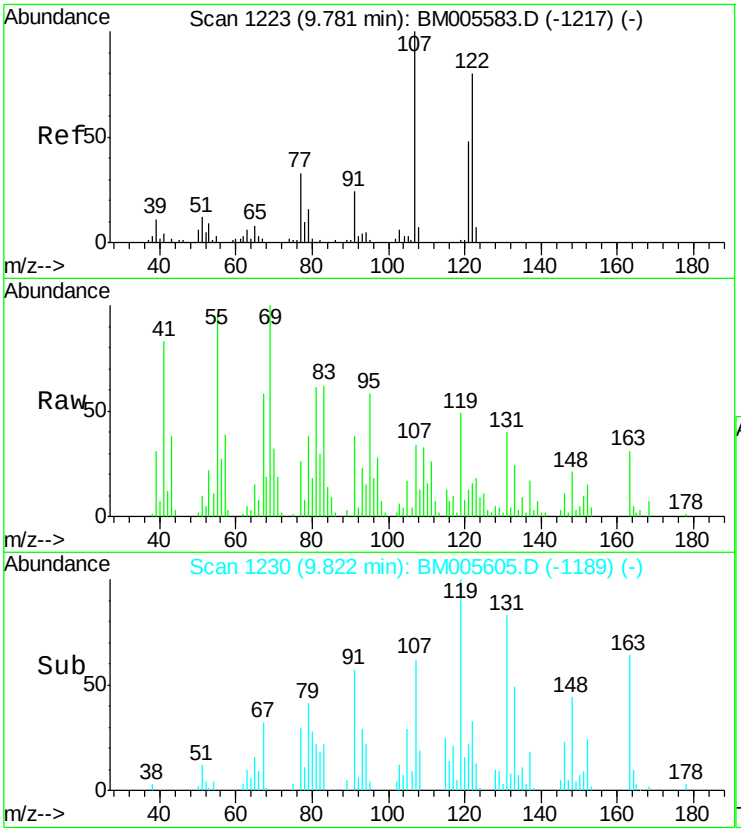


#23
2-Nitrophenol
Concen: 1.31 ng/ul
RT: 9.73 min Scan# 1215
Delta R.T. 0.02 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Tgt Ion:139 Resp: 6756

Ion	Ratio	Lower	Upper
139	100		
65	89.4	45.2	67.8#
109	328.8	30.8	46.2#



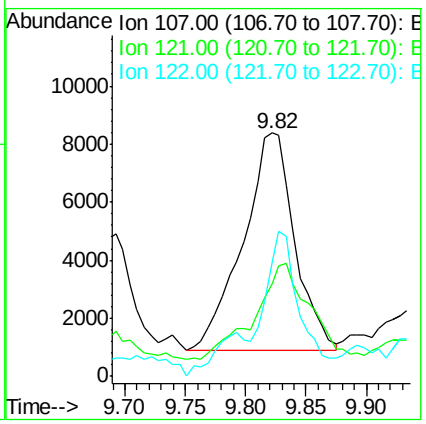


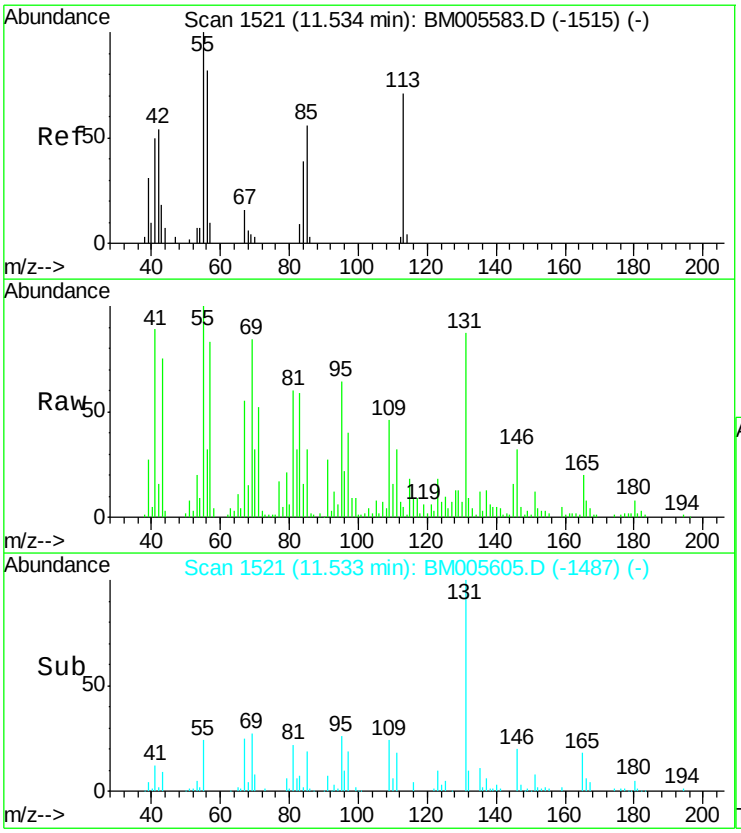
#24
2,4-Dimethylphenol
Concen: 2.10 ng/ul
RT: 9.82 min Scan# 1230
Delta R.T. 0.04 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Instrument :
BNA_M
ClientSampleId :
JHGH6

Tgt Ion:107 Resp: 22384

Ion	Ratio	Lower	Upper
107	100		
121	37.9	37.5	56.3
122	47.0	66.9	100.3#

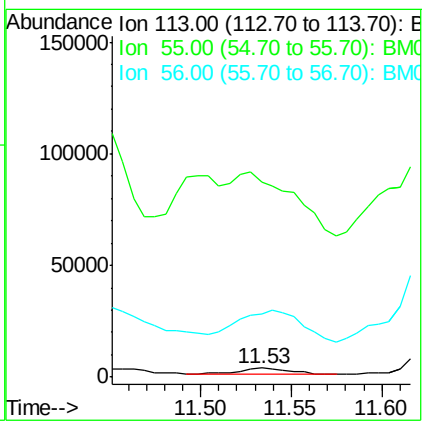


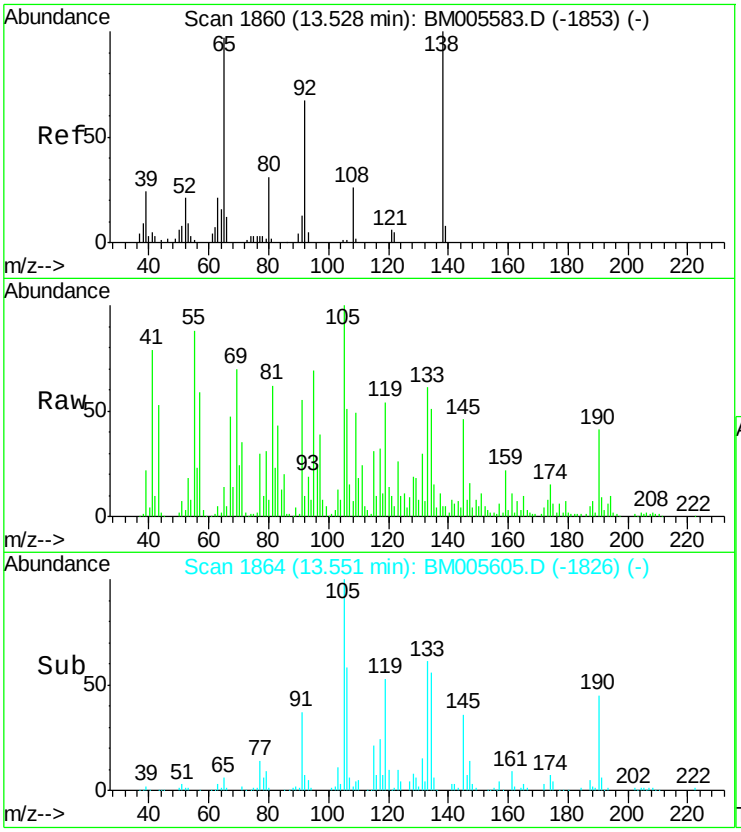


#32
Caprolactam
Concen: 1.91 ng/ul
RT: 11.53 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Tgt Ion:113 Resp: 5662

Ion	Ratio	Lower	Upper
113	100		
55	2216.3	124.6	187.0#
56	714.7	95.2	142.8#



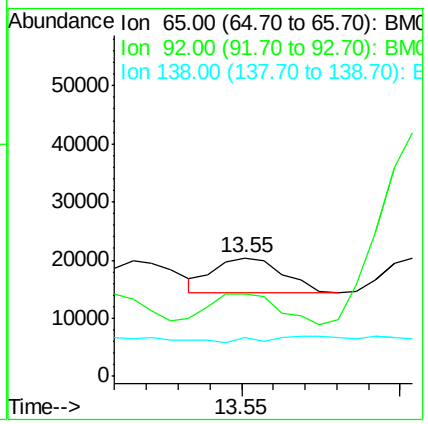


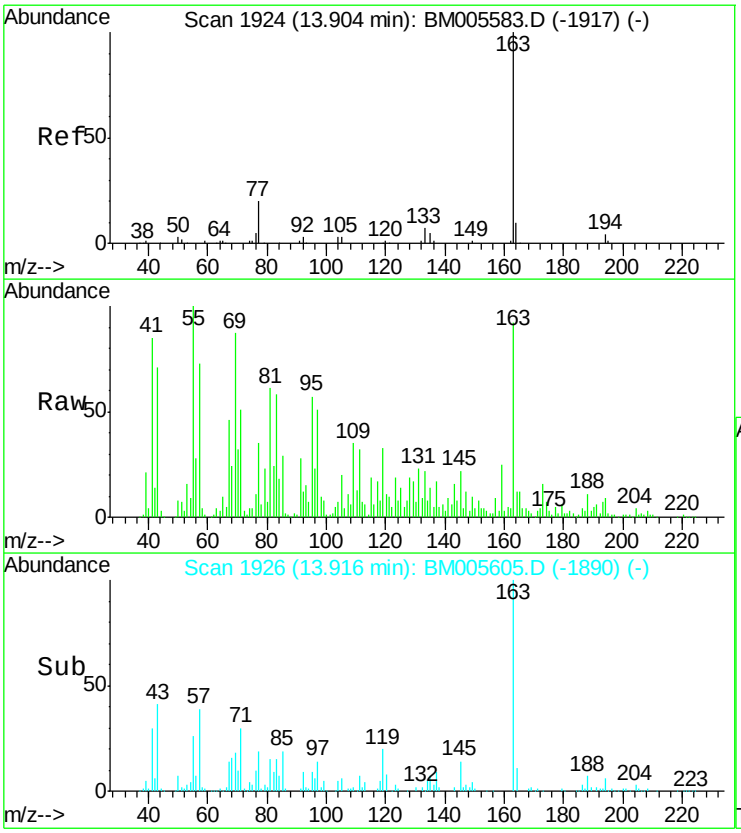
#42
2-Nitroaniline
Concen: 1.59 ng/ul
RT: 13.55 min Scan# 1864
Delta R.T. 0.02 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Instrument :
BNA_M
ClientSampleId :
JHGH6

Tgt Ion: 65 Resp: 8905

Ion	Ratio	Lower	Upper
65	100		
92	69.9	53.6	80.4
138	32.7	82.6	124.0#

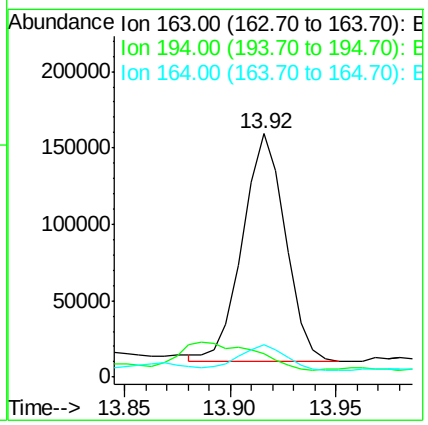


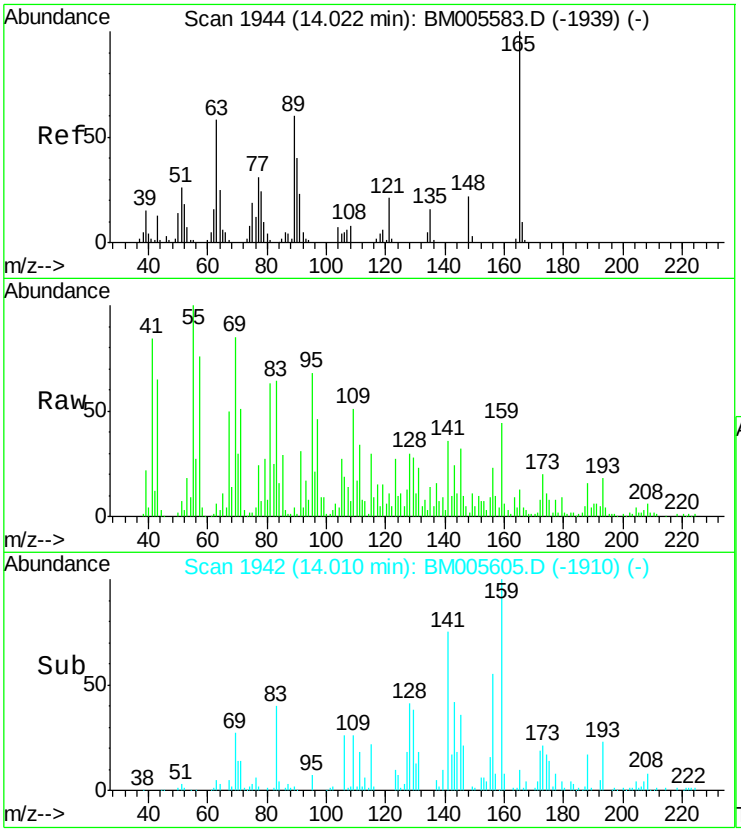


#44
Dimethylphthalate
Concen: 9.05 ng/ul
RT: 13.92 min Scan# 1926
Delta R.T. 0.01 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Tgt Ion:163 Resp: 209752

Ion	Ratio	Lower	Upper
163	100		
194	9.6	3.4	5.0#
164	13.3	8.0	12.0#



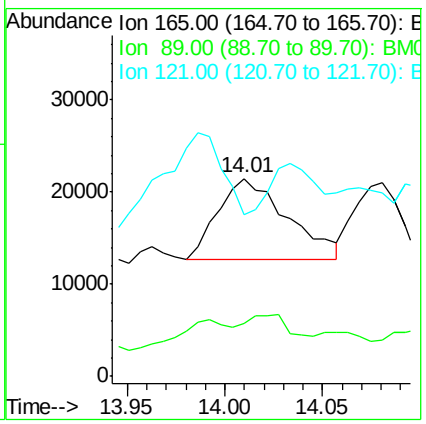


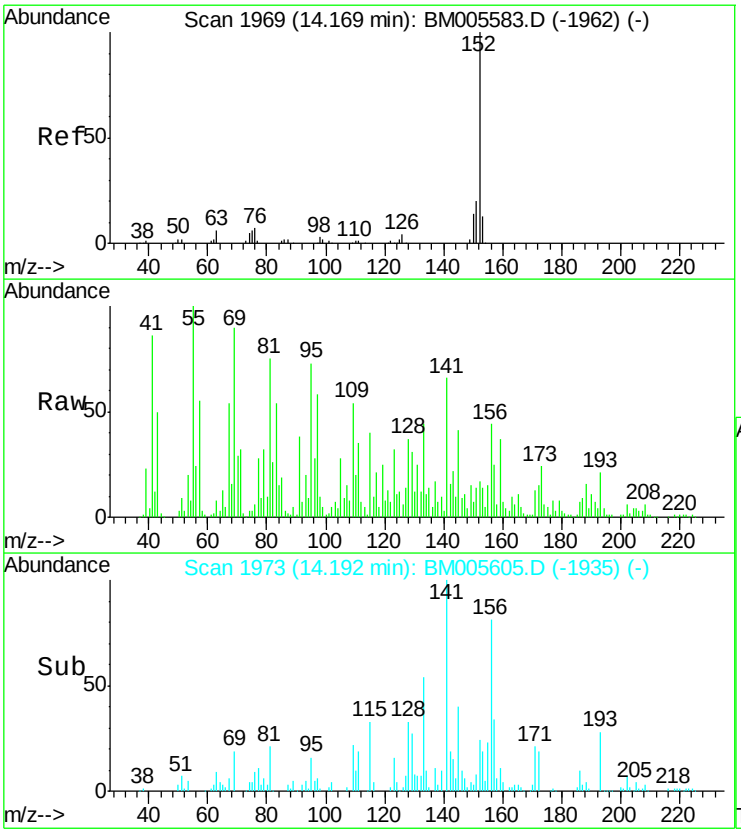
#45
2,6-Dinitrotoluene
Concen: 4.57 ng/ul
RT: 14.01 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Instrument :
BNA_M
ClientSampleId :
JHGH6

Tgt Ion:165 Resp: 21419

Ion	Ratio	Lower	Upper
165	100		
89	26.8	48.2	72.2#
121	81.6	17.4	26.0#

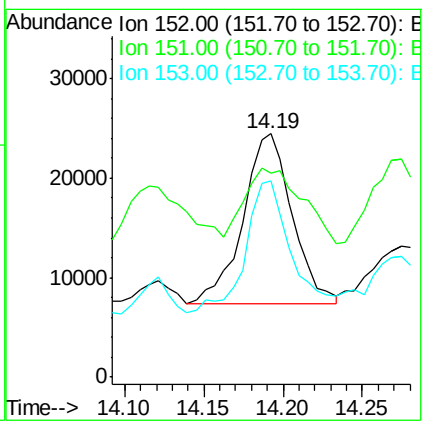


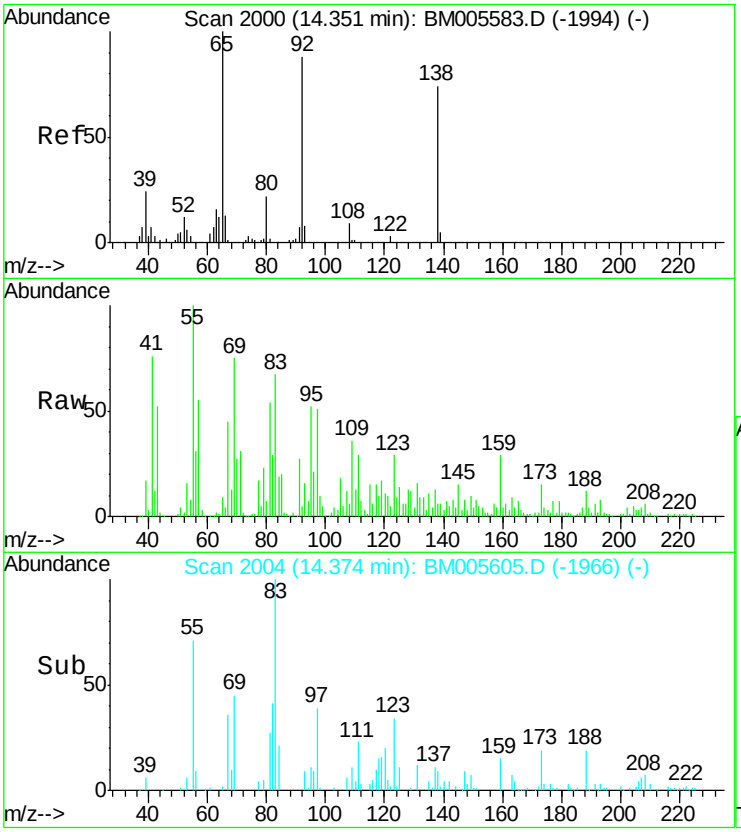


#47
Acenaphthylene
Concen: 1.24 ng/ul
RT: 14.19 min Scan# 1973
Delta R.T. 0.02 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Tgt Ion:152 Resp: 36948

Ion	Ratio	Lower	Upper
152	100		
151	83.7	15.7	23.5#
153	80.4	10.5	15.7#



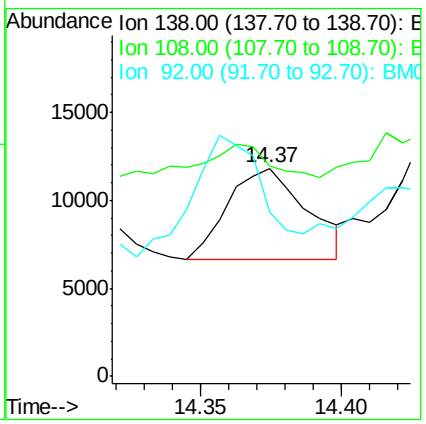


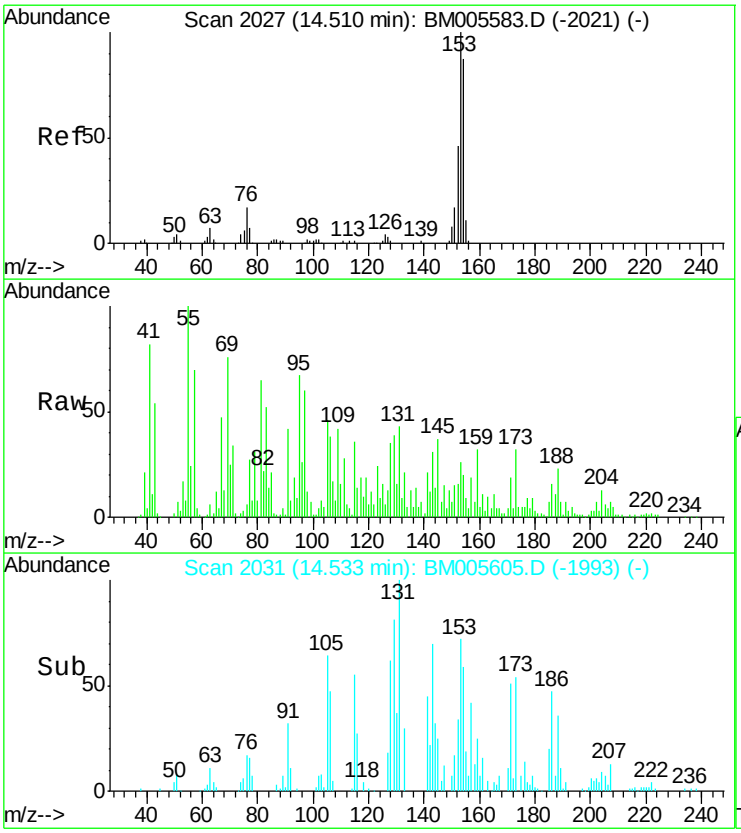
#48
3-Nitroaniline
Concen: 2.32 ng/ul
RT: 14.37 min Scan# 2004
Delta R.T. 0.02 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Instrument :
BNA_M
ClientSampleId :
JHGH6

Tgt Ion:138 Resp: 10064

Ion	Ratio	Lower	Upper
138	100		
108	101.3	9.1	13.7#
92	79.2	92.8	139.2#

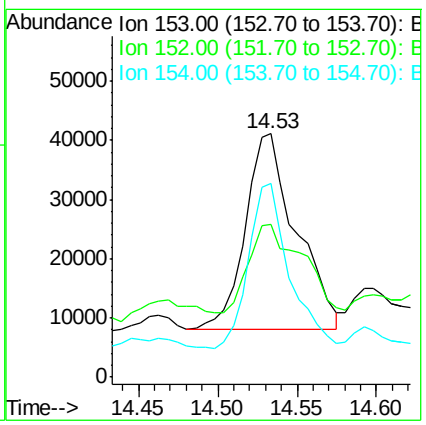


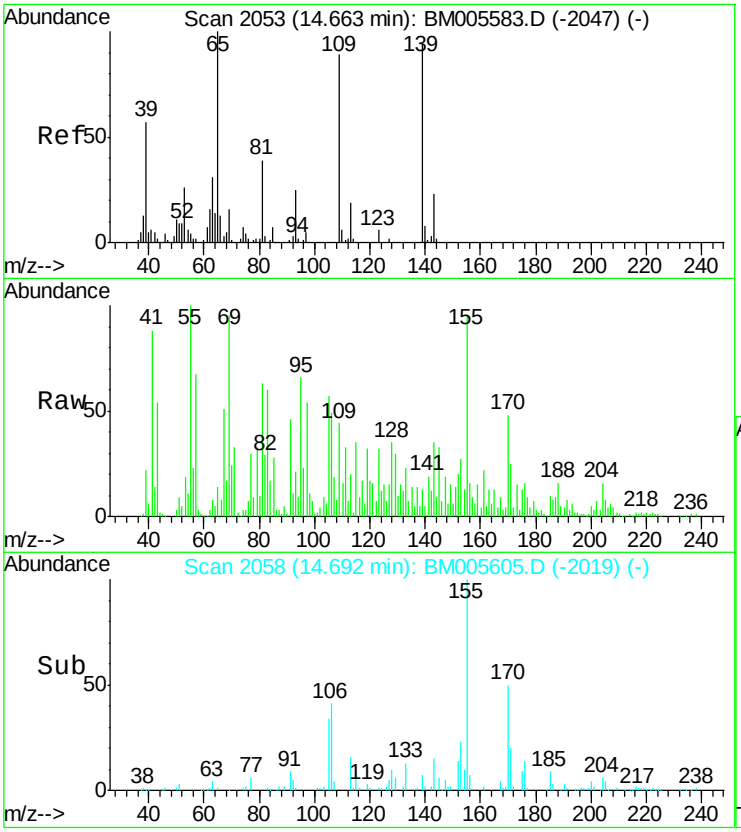


#49
Acenaphthene
Concen: 3.74 ng/ul
RT: 14.53 min Scan# 2031
Delta R.T. 0.02 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Tgt Ion:153 Resp: 73410

Ion	Ratio	Lower	Upper
153	100		
152	62.9	37.8	56.6#
154	79.5	71.1	106.7



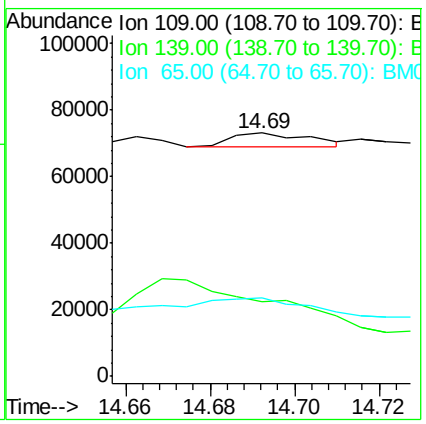


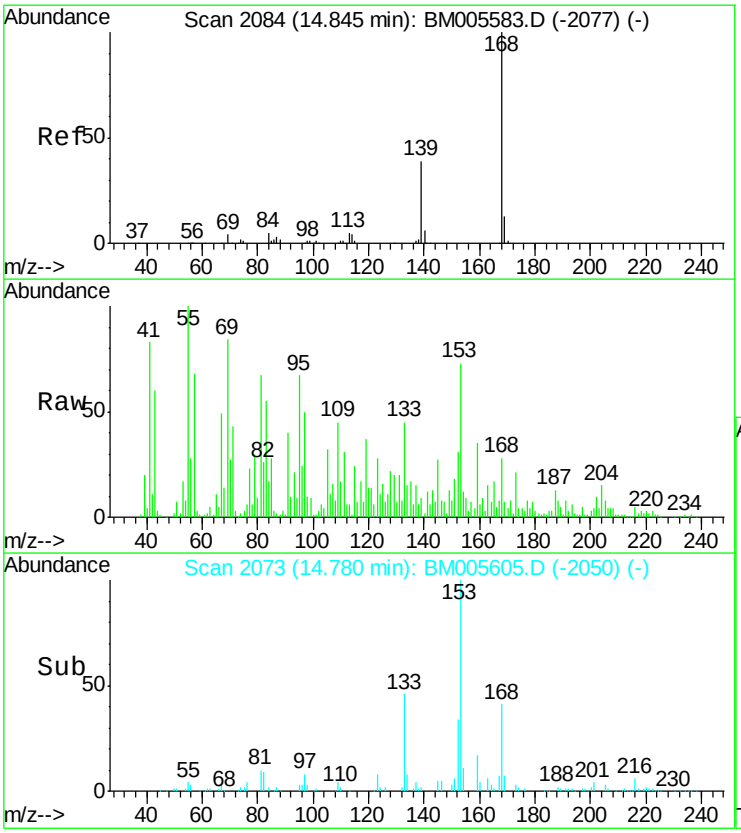
#52
4-Nitrophenol
Concen: 1.15 ng/ul
RT: 14.69 min Scan# 2058
Delta R.T. 0.03 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Instrument :
BNA_M
ClientSampleId :
JHGH6

Tgt Ion:109 Resp: 5131

Ion	Ratio	Lower	Upper
109	100		
139	30.5	87.5	131.3#
65	32.1	90.2	135.2#

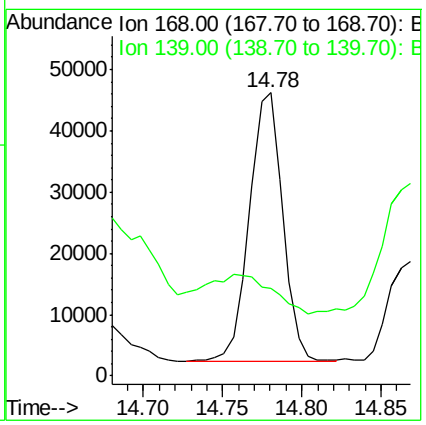


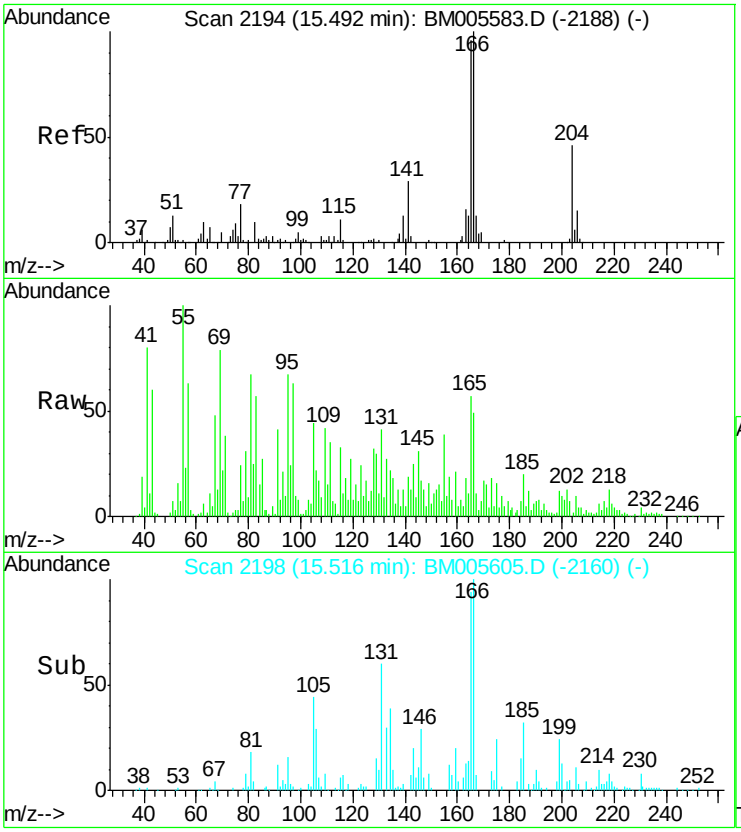


#53
Dibenzofuran
Concen: 2.30 ng/ul
RT: 14.78 min Scan# 2073
Delta R.T. -0.06 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Tgt Ion:168 Resp: 64608

Ion	Ratio	Lower	Upper
168	100		
139	31.0	30.6	46.0



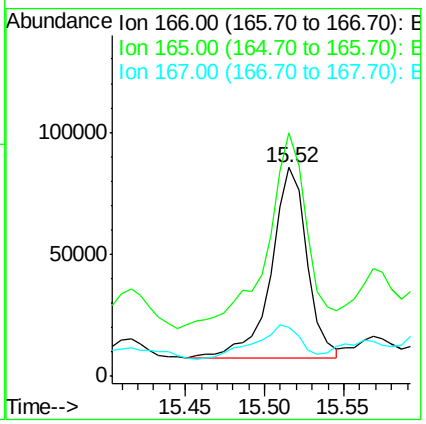


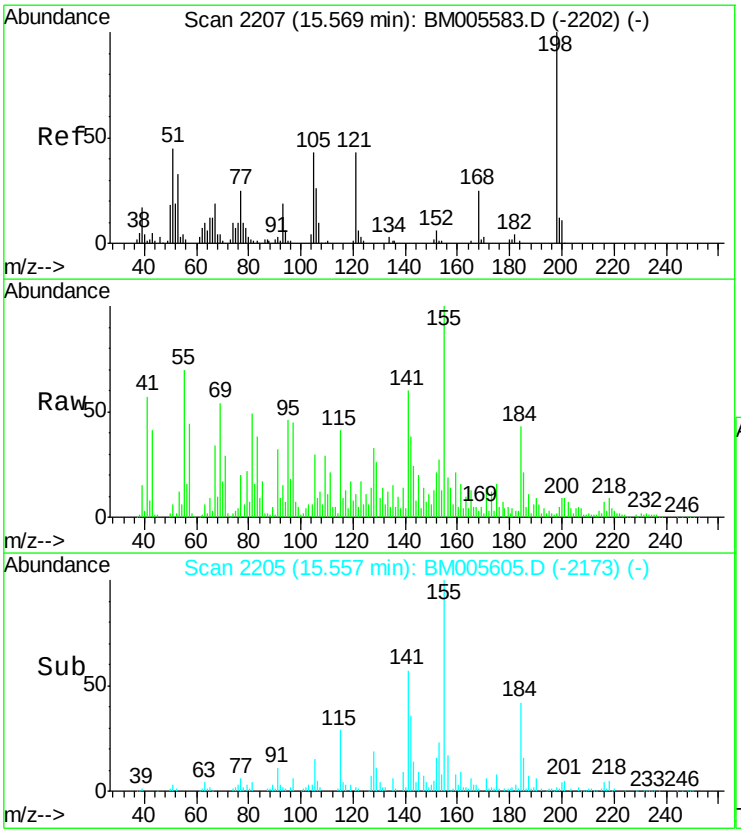
#58
Fluorene
Concen: 5.54 ng/ul
RT: 15.52 min Scan# 2198
Delta R.T. 0.02 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Instrument :
BNA_M
ClientSampleId :
JHGH6

Tgt Ion:166 Resp: 124324

Ion	Ratio	Lower	Upper
166	100		
165	116.5	78.0	117.0
167	23.6	10.5	15.7#

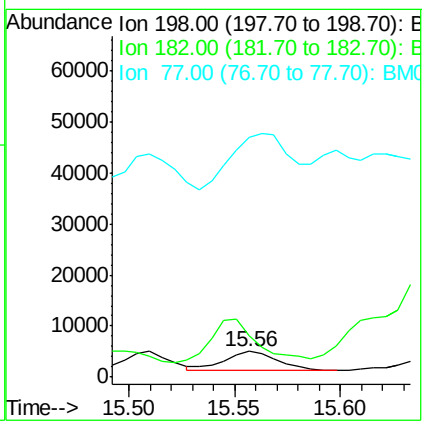


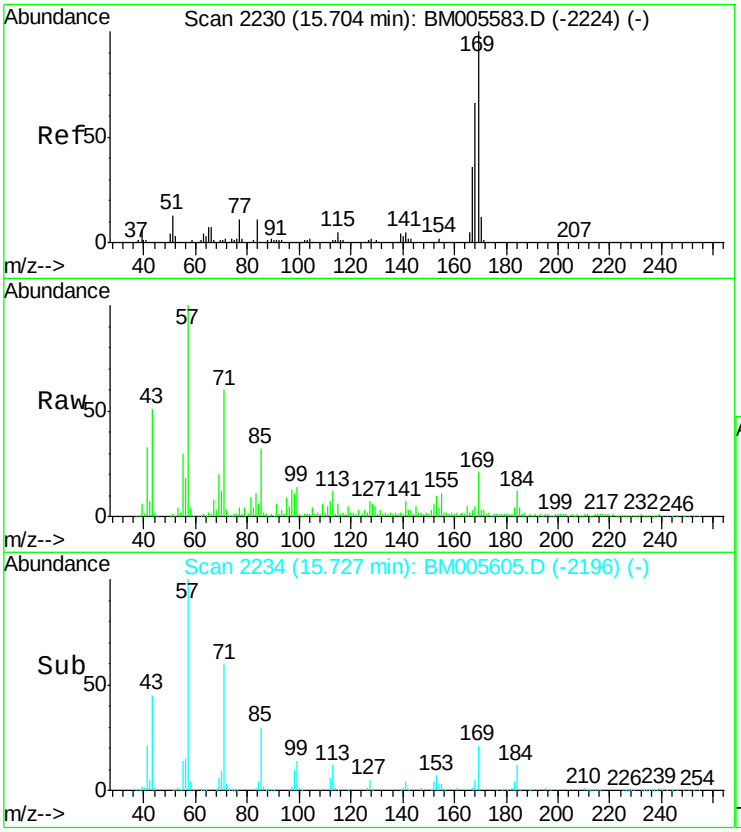


#63
4,6-Dinitro-2-methylphenol
Concen: 1.70 ng/ul
RT: 15.56 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Tgt Ion:198 Resp: 6597

Ion	Ratio	Lower	Upper
198	100		
182	160.0	2.5	3.7#
77	932.1	21.8	32.8#



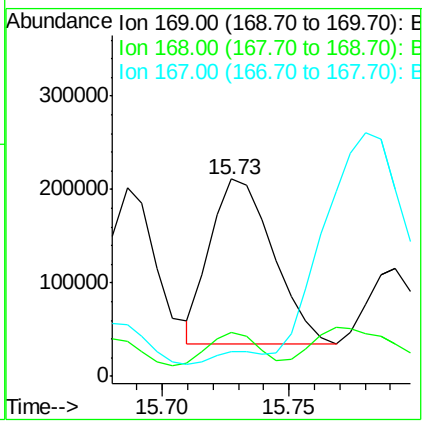


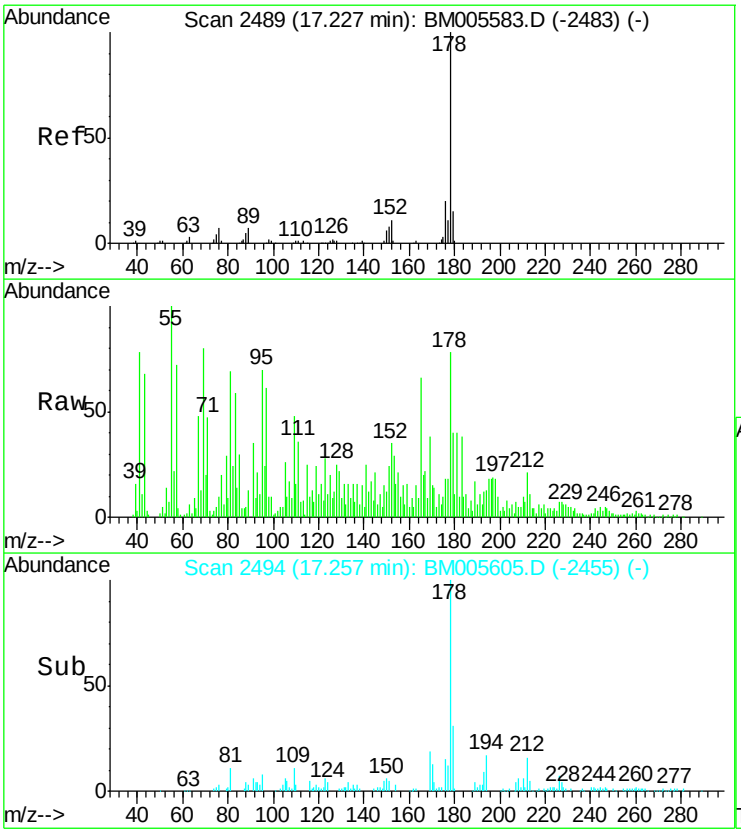
#64
N-Nitrosodiphenylamine
Concen: 15.68 ng/ul
RT: 15.73 min Scan# 2234
Delta R.T. 0.02 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Instrument :
BNA_M
ClientSampleId :
JHGH6

Tgt Ion:169 Resp: 304934

Ion	Ratio	Lower	Upper
169	100		
168	22.4	53.2	79.8#
167	12.8	28.9	43.3#

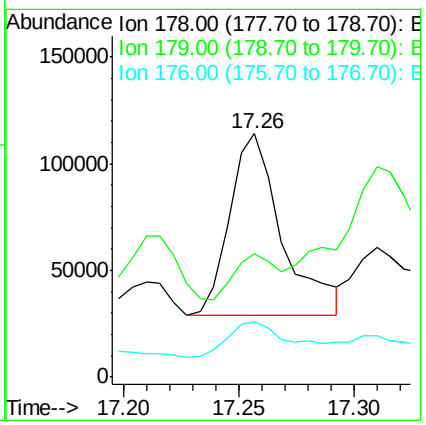


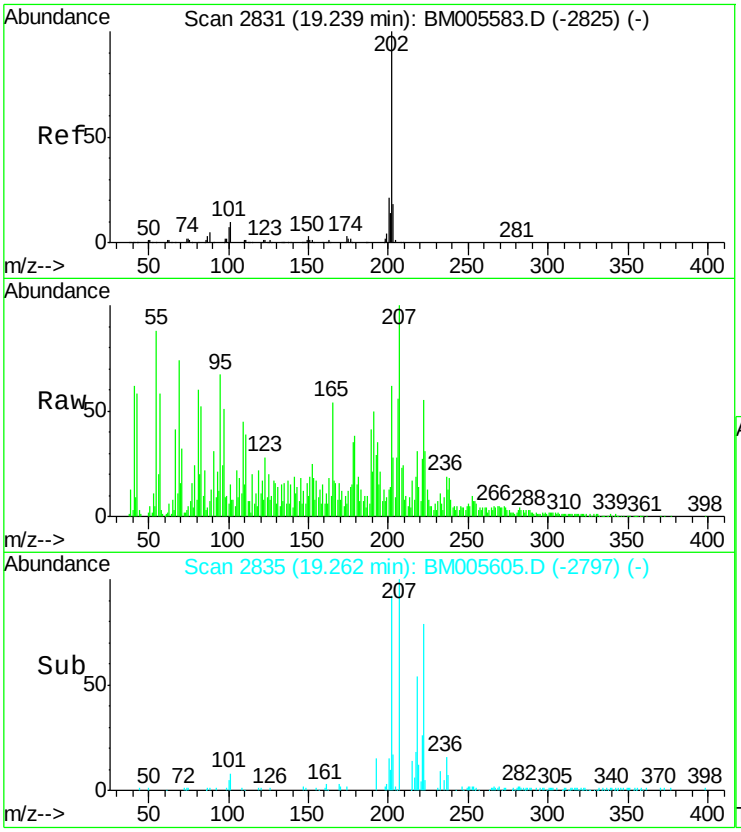


#69
Phenanthrene
Concen: 3.75 ng/ul
RT: 17.26 min Scan# 2494
Delta R.T. 0.03 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Tgt Ion:178 Resp: 134249

Ion	Ratio	Lower	Upper
178	100		
179	50.9	12.2	18.2#
176	22.8	15.8	23.6



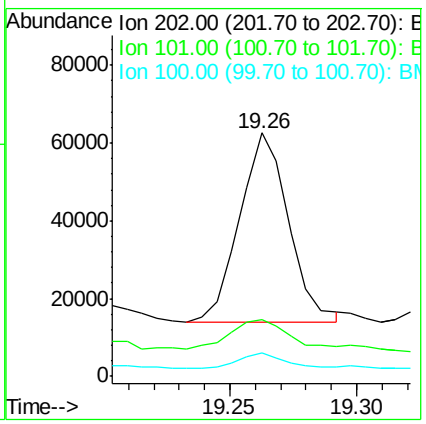


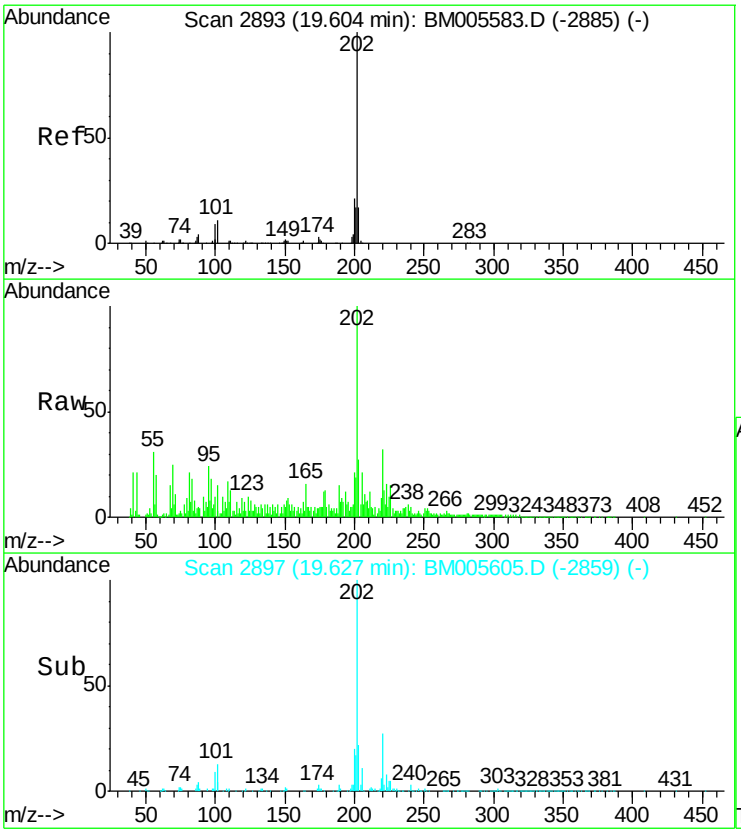
#74
Fluoranthene
Concen: 1.64 ng/ul
RT: 19.26 min Scan# 2835
Delta R.T. 0.02 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Instrument :
BNA_M
ClientSampleId :
JHGH6

Tgt Ion:202 Resp: 66187

Ion	Ratio	Lower	Upper
202	100		
101	23.4	7.9	11.9#
100	9.4	5.6	8.4#

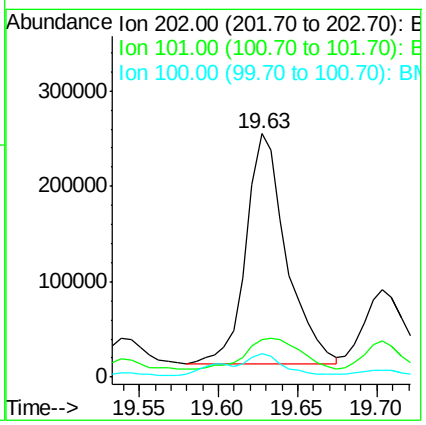


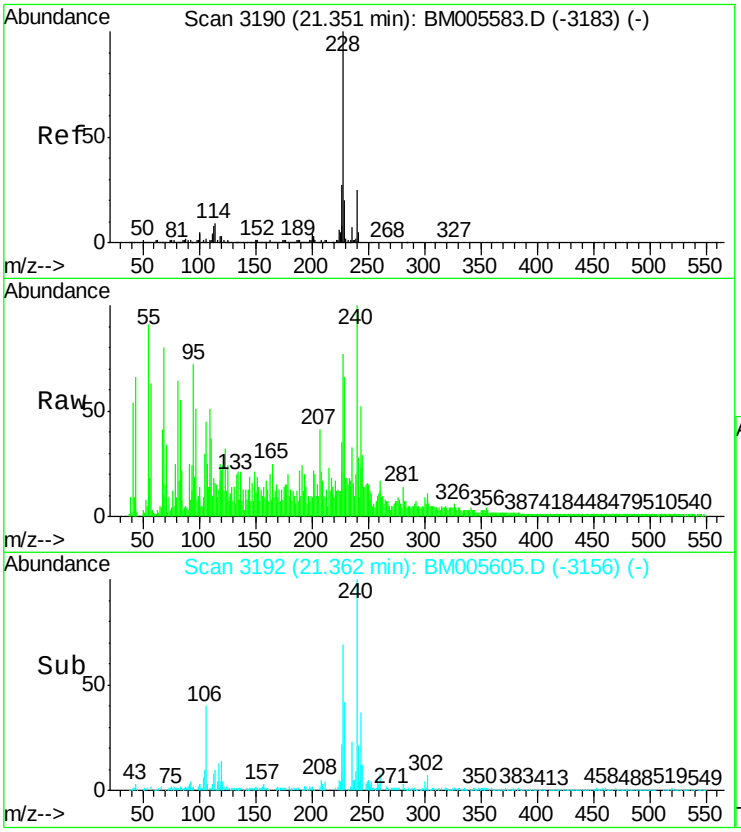


#77
Pyrene
Concen: 11.07 ng/ul
RT: 19.63 min Scan# 2897
Delta R.T. 0.02 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Tgt Ion:202 Resp: 423618

Ion	Ratio	Lower	Upper
202	100		
101	15.3	9.6	14.4#
100	9.8	7.8	11.6



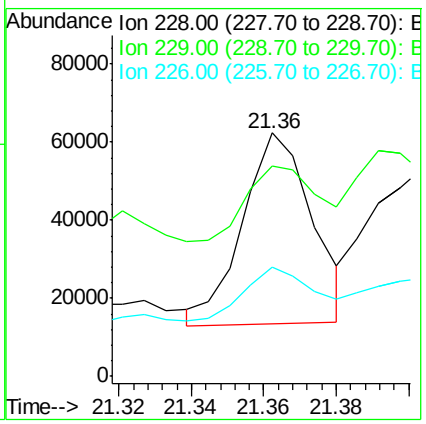


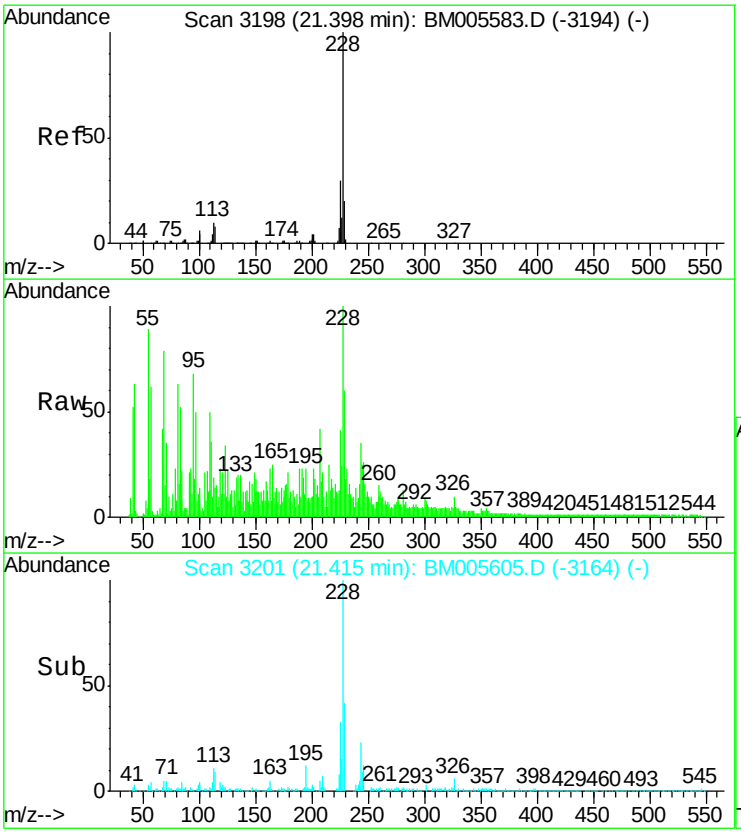
#80
Benzo(a)anthracene
Concen: 1.68 ng/ul
RT: 21.36 min Scan# 3192
Delta R.T. 0.01 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Instrument :
BNA_M
ClientSampleId :
JHGH6

Tgt Ion:228 Resp: 65743

Ion	Ratio	Lower	Upper
228	100		
229	86.6	15.4	23.2#
226	45.0	21.0	31.4#

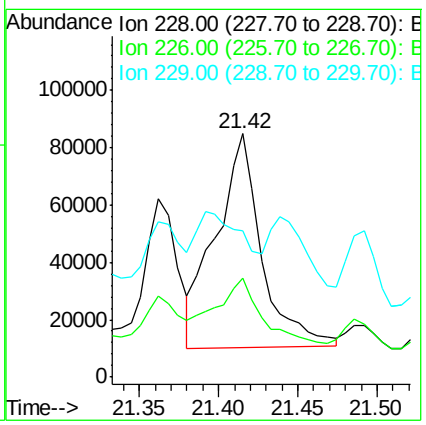


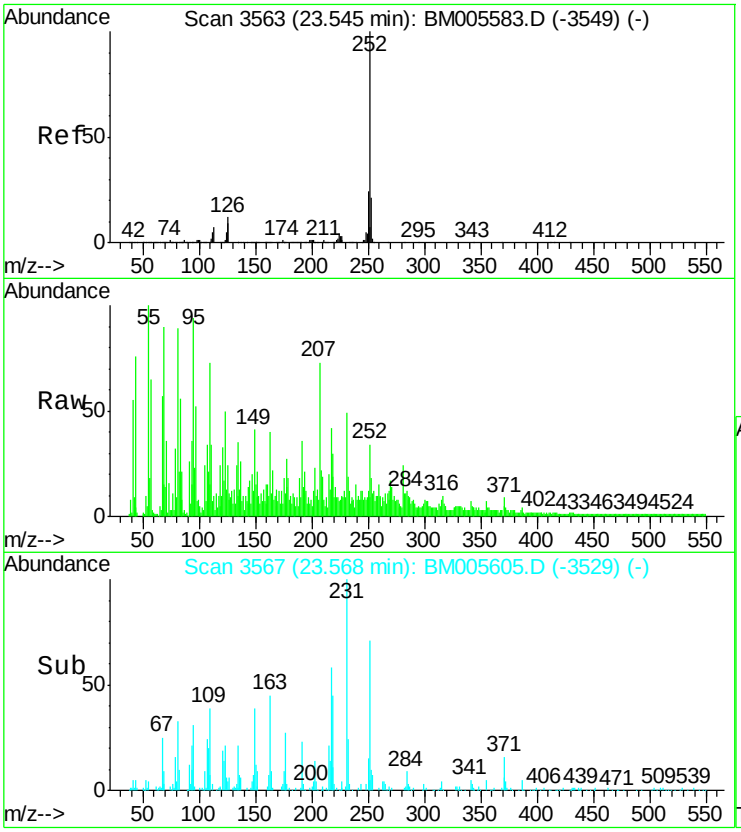


#82
Chrysene
Concen: 4.00 ng/ul
RT: 21.42 min Scan# 3201
Delta R.T. 0.02 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Tgt Ion:228 Resp: 148795

Ion	Ratio	Lower	Upper
228	100		
226	40.7	23.7	35.5#
229	59.9	15.5	23.3#





#88
Benzo(a)pyrene
Concen: 1.04 ng/ul
RT: 23.57 min Scan# 3567
Delta R.T. 0.02 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Instrument :
BNA_M
ClientSampleId :
JHGH6

Tgt Ion:252 Resp: 36064

Ion	Ratio	Lower	Upper
252	100		
253	53.5	17.6	26.4#
125	72.8	7.6	11.4#