Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005455.D
Acq On : 14 May 2016 08:10
Operator : UM/SJ
Sample : H2834-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H4116

Quant Time: May 16 03:40:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	53059	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	244989	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	159834	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	405010	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	552511	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	508365	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	1359	1.20	ng/uL	0.00
5) Phenol-d5	6.93	99	26652	5.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	76526	27.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	82125	22.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	51669	12.99	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	50585	28.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	57150	28.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	95958	26.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	3962	0.89	ng/ul	0.04
43) Dimethylphthalate-d6	13.80	166	369334	28.83	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	439478	29.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	6155	2.63	ng/ul	0.04
57) Fluorene-d10	15.39	176	328727	29.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	51363	22.54	ng/ul	0.00
70) Anthracene-d10	17.24	188	540697	30.20	ng/ul	0.00
76) Pyrene-d10	19.54	212	690549	27.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	693696	30.83	ng/ul	0.00
Target Compounds						Qvalue
15) N-Nitroso-di-n-propylamine	8.46	70	1019	0.33	ng/ul#	1
21) Isophorone	9.63	82	4925	0.58	ng/ul#	67
45) 2,6-Dinitrotoluene	13.80	165	2255	0.89	ng/ul#	38
47) Acenaphthylene	14.11	152	928	0.06	ng/ul#	61
56) Diethylphthalate	15.22	149	561884	43.45	ng/ul	99
58) Fluorene	15.39	166	513	0.04	ng/ul#	9
69) Phenanthrene	17.19	178	421	0.02	ng/ul#	60
71) Anthracene	17.27	178	2207	0.10	ng/ul#	60
72) Carbazole	17.58	167	681	0.04	ng/ul#	60
73) Di-n-butylphthalate	18.10	149	745	0.03	ng/ul#	78
74) Fluoranthene	19.22	202	3133	0.13	ng/ul#	72
77) Pyrene	19.57	202	3815	0.12	ng/ul#	89
80) Benzo(a)anthracene	21.37	228	2218	0.07	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.24	149	2544	0.14	ng/ul#	90
82) Chrysene	21.37	228	2218	0.07	ng/ul	98
84) Di-n-octyl phthalate	22.12	149	273	0.01	ng/ul#	1
85) Benzo(b)fluoranthene	22.94	252	9285	0.31	ng/ul#	86
86) Benzo(k)fluoranthene	22.99	252	2962	0.11	ng/ul#	84
88) Benzo(a)pyrene	23.51	252	2460	0.09	ng/ul#	51
89) Indeno(1,2,3-cd)pyrene	25.96	276	2547	0.08	ng/ul#	49
91) Benzo(g,h,i)perylene	26.65	276	2832	0.11	ng/ul#	52

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005455.D
Acq On : 14 May 2016 08:10
Operator : UM/SJ
Sample : H2834-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H4116

Quant Time: May 16 03:40:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 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\BM051316\
Data File : BM005455.D
Acq On : 14 May 2016 08:10
Operator : UM/SJ
Sample : H2834-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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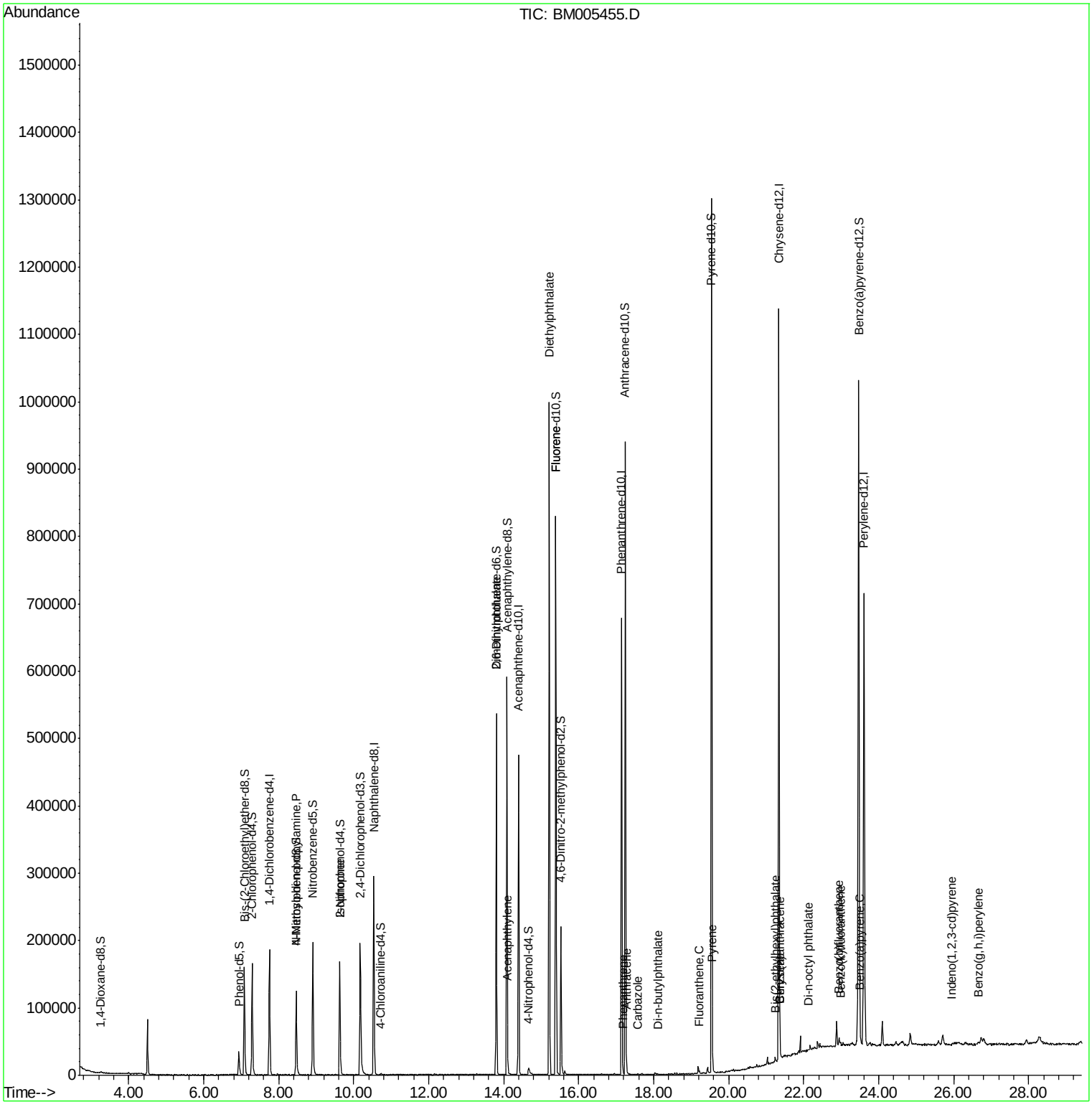
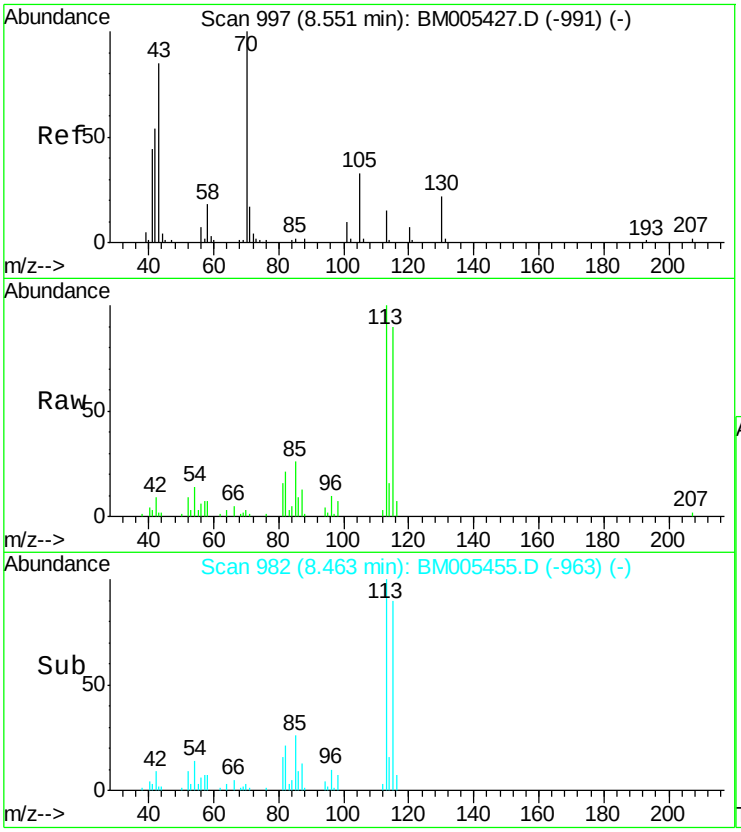
Quant Time: May 16 03:40:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration



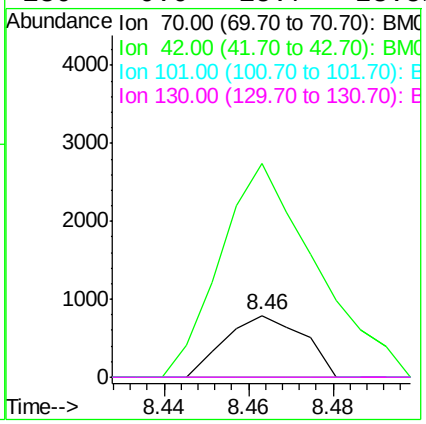


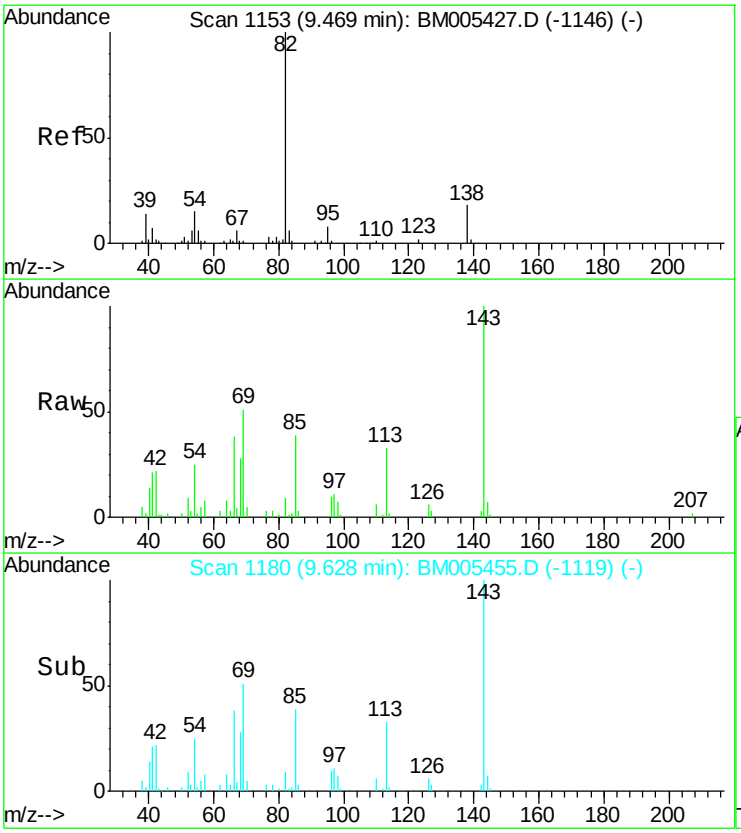
#15
N-Nitroso-di-n-propylamine
Concen: 0.33 ng/ul
RT: 8.46 min Scan# 982
Delta R.T. -0.09 min
Lab File: BM005455.D
Acq: 14 May 2016 08:10

Instrument :
BNA_M
ClientSampleId :
H4116

Tgt Ion: 70 Resp: 1019

Ion	Ratio	Lower	Upper
70	100		
42	346.4	42.8	64.2#
101	0.0	7.8	11.6#
130	0.0	15.7	23.5#

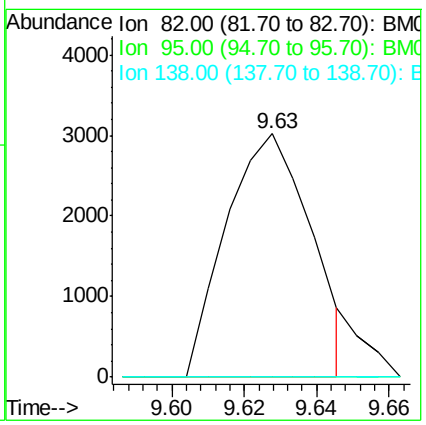


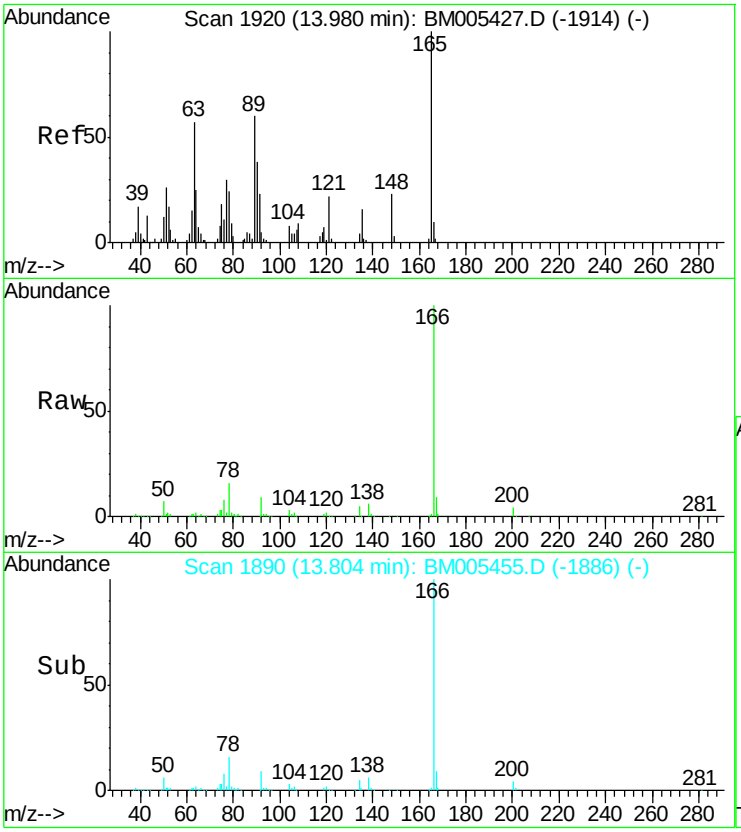


#21
Isophorone
Concen: 0.58 ng/ul
RT: 9.63 min Scan# 1180
Delta R.T. 0.16 min
Lab File: BM005455.D
Acq: 14 May 2016 08:10

Tgt Ion: 82 Resp: 4925

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



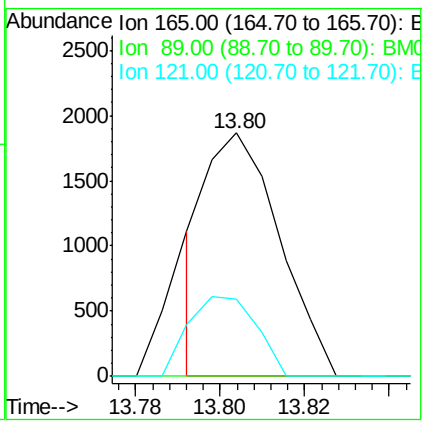


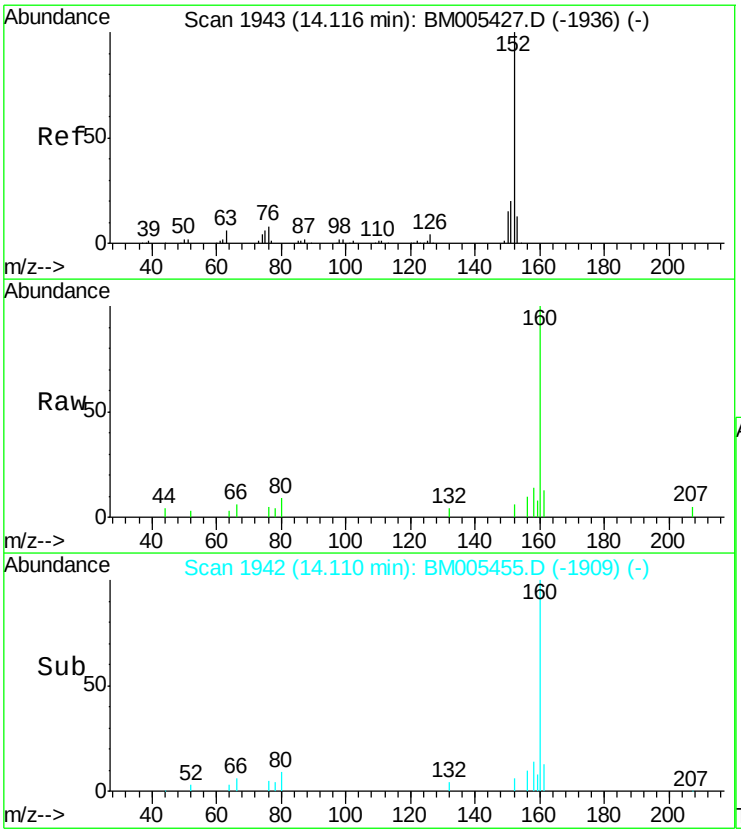
#45
2,6-Dinitrotoluene
Concen: 0.89 ng/ul
RT: 13.80 min Scan# 1890
Delta R.T. -0.18 min
Lab File: BM005455.D
Acq: 14 May 2016 08:10

Instrument :
BNA_M
ClientSampleId :
H4116

Tgt Ion:165 Resp: 2255

Ion	Ratio	Lower	Upper
165	100		
89	0.0	52.2	78.4#
121	31.8	21.0	31.4#

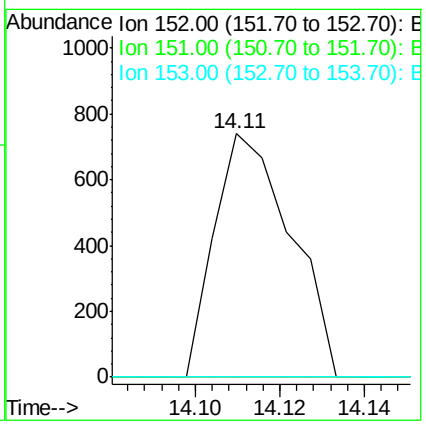


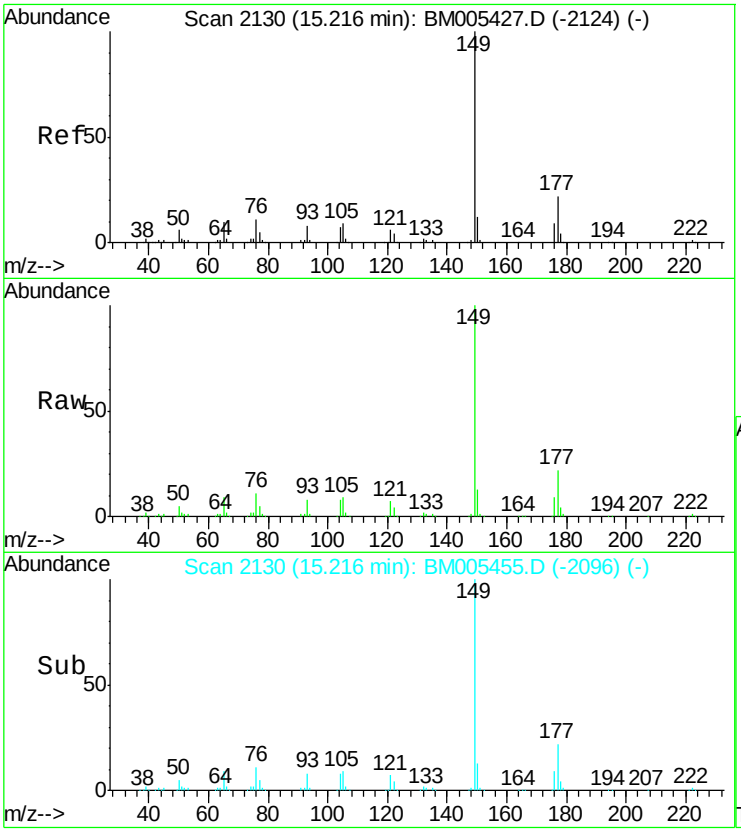


#47
Acenaphthylene
Concen: 0.06 ng/ul
RT: 14.11 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BM005455.D
Acq: 14 May 2016 08:10

Tgt Ion:152 Resp: 928

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.0	24.0#
153	0.0	10.3	15.5#



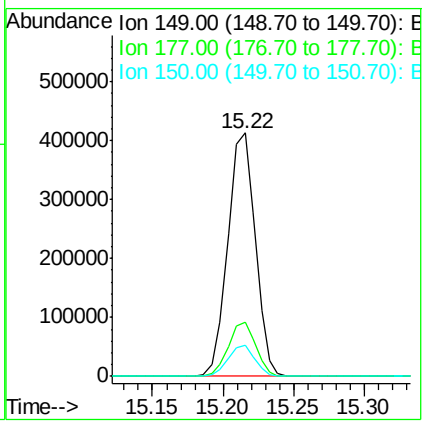


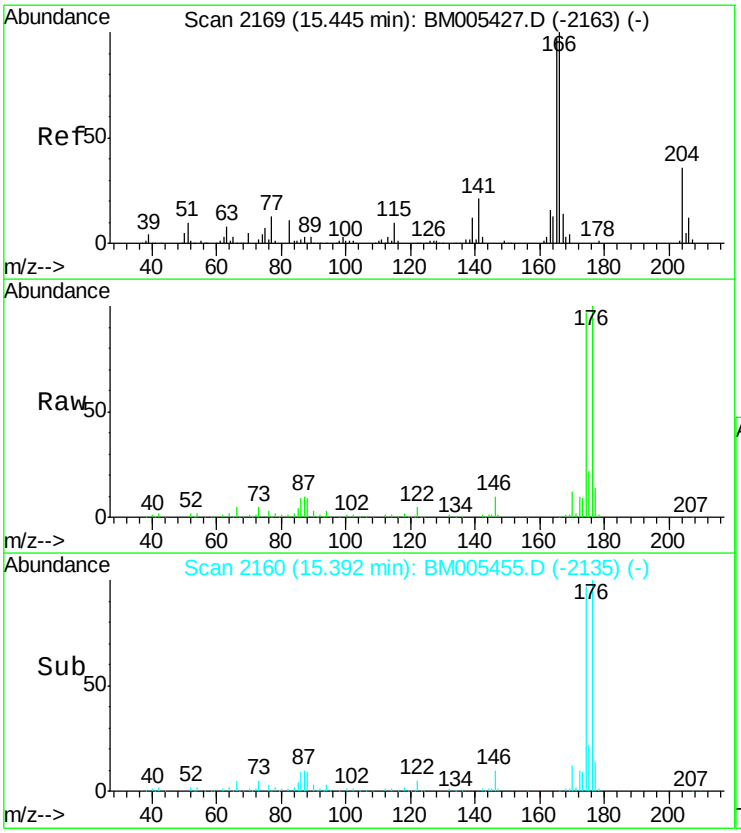
#56
Diethylphthalate
Concen: 43.45 ng/ul
RT: 15.22 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BM005455.D
Acq: 14 May 2016 08:10

Instrument :
BNA_M
ClientSampleId :
H4116

Tgt Ion:149 Resp: 561884

Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.6	26.4
150	12.7	9.8	14.8

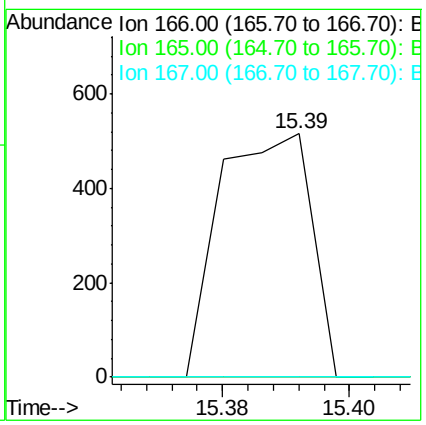


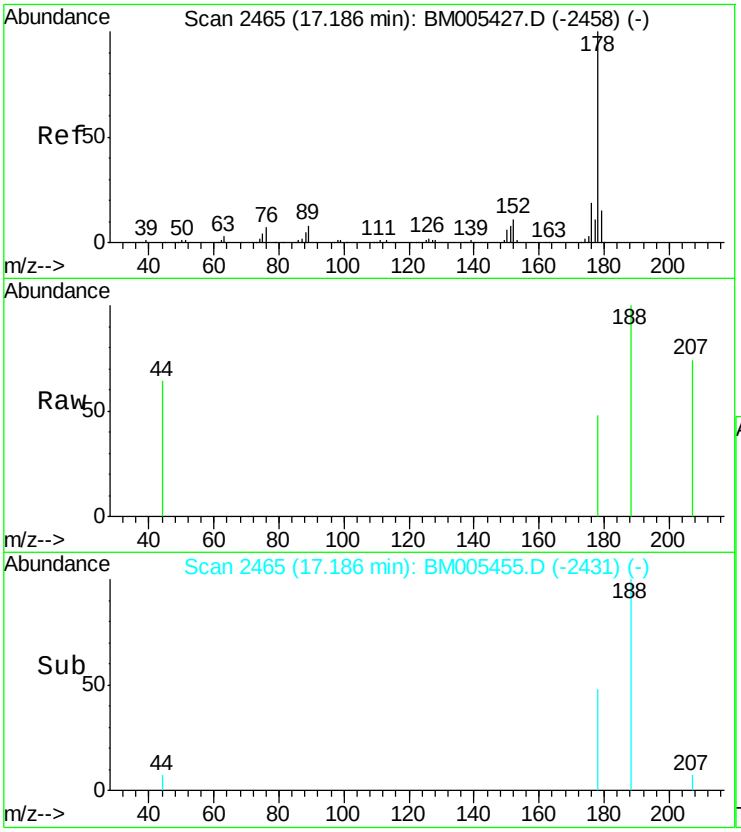


#58
Fluorene
Concen: 0.04 ng/ul
RT: 15.39 min Scan# 2160
Delta R.T. -0.05 min
Lab File: BM005455.D
Acq: 14 May 2016 08:10

Tgt Ion:166 Resp: 513

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



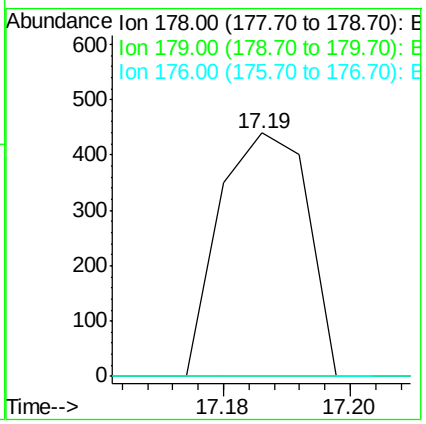


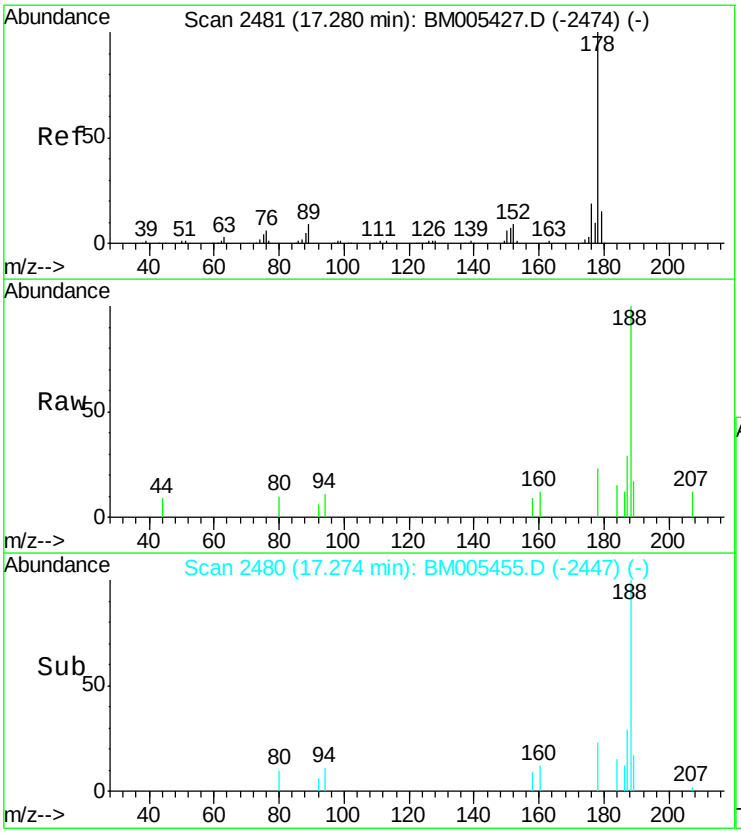
#69
Phenanthrene
Concen: 0.02 ng/ul
RT: 17.19 min Scan# 2465
Delta R.T. 0.00 min
Lab File: BM005455.D
Acq: 14 May 2016 08:10

Instrument :
BNA_M
ClientSampleId :
H4116

Tgt Ion:178 Resp: 421

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

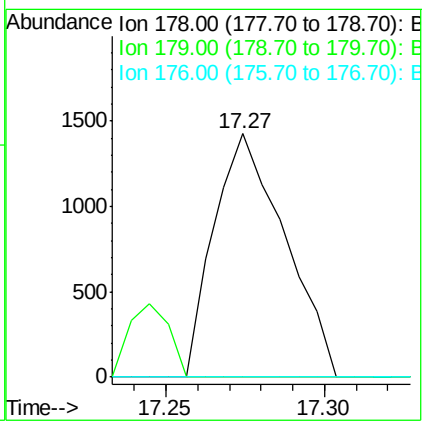


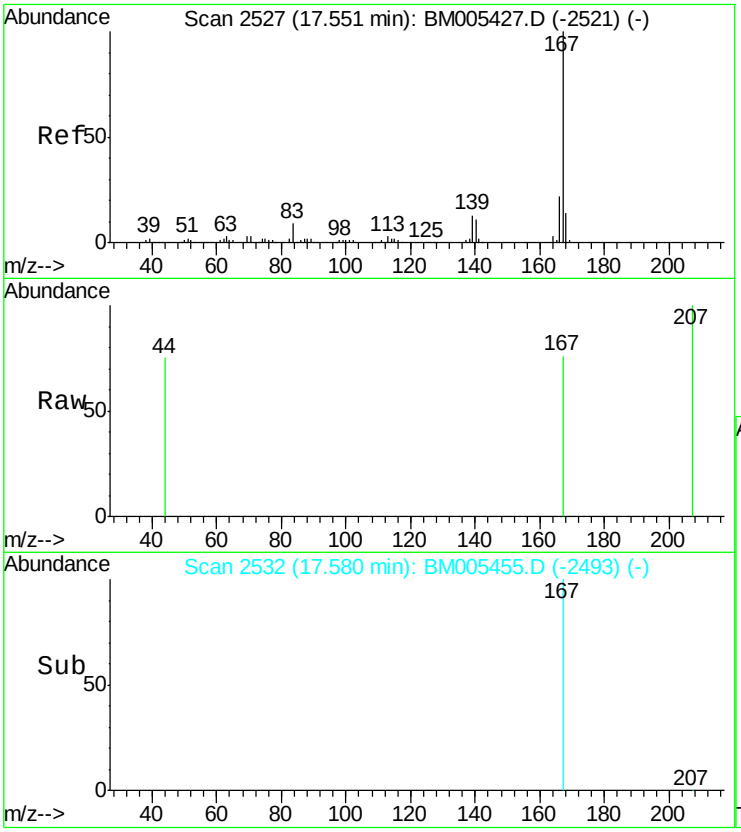


#71
Anthracene
Concen: 0.10 ng/ul
RT: 17.27 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BM005455.D
Acq: 14 May 2016 08:10

Tgt Ion:178 Resp: 2207

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



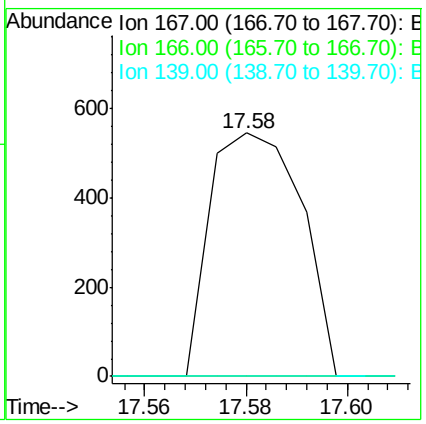


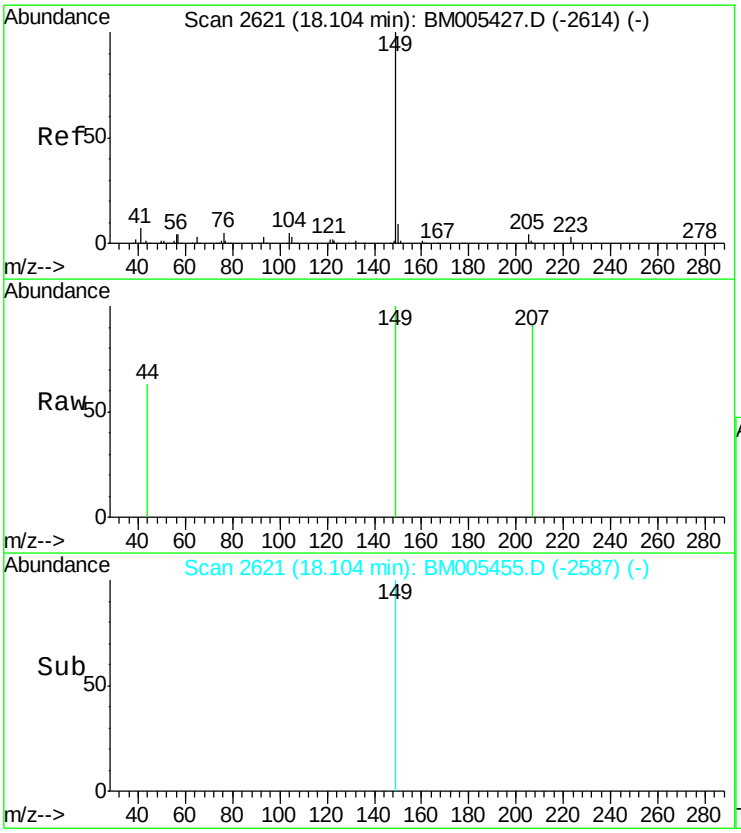
#72
Carbazole
Concen: 0.04 ng/ul
RT: 17.58 min Scan# 2532
Delta R.T. 0.03 min
Lab File: BM005455.D
Acq: 14 May 2016 08:10

Instrument :
BNA_M
ClientSampleId :
H4116

Tgt Ion:167 Resp: 681

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.1	25.7#
139	0.0	10.2	15.2#

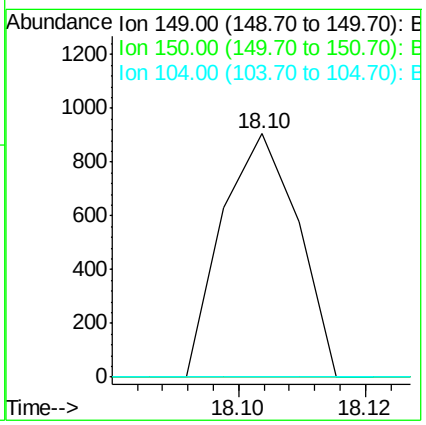


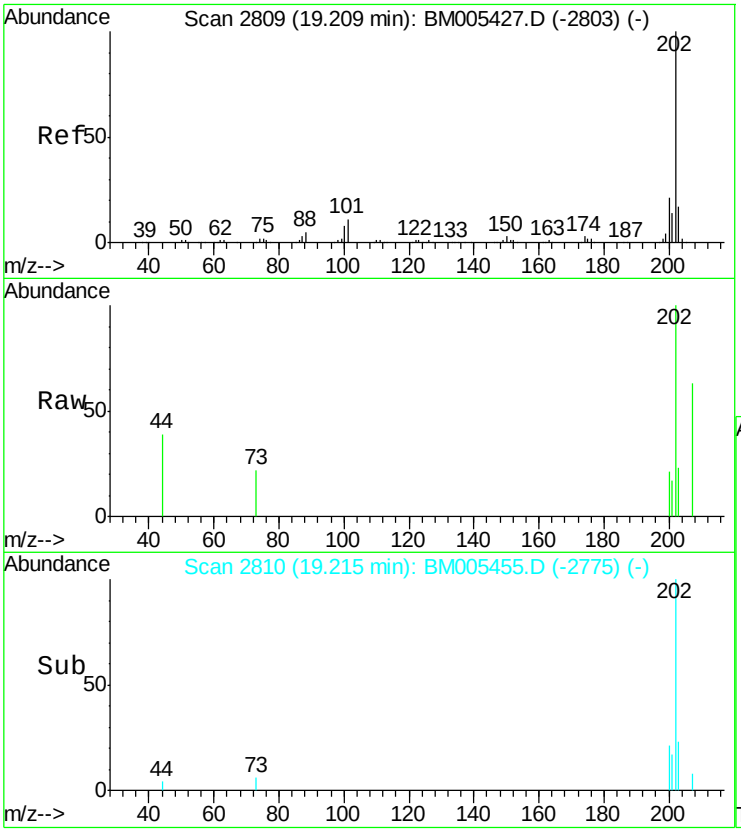


#73
Di-n-butylphthalate
Concen: 0.03 ng/ul
RT: 18.10 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BM005455.D
Acq: 14 May 2016 08:10

Tgt Ion:149 Resp: 745

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



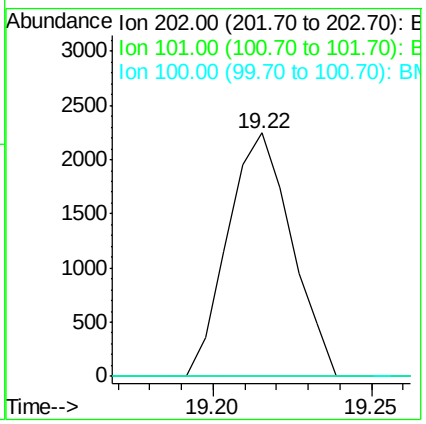


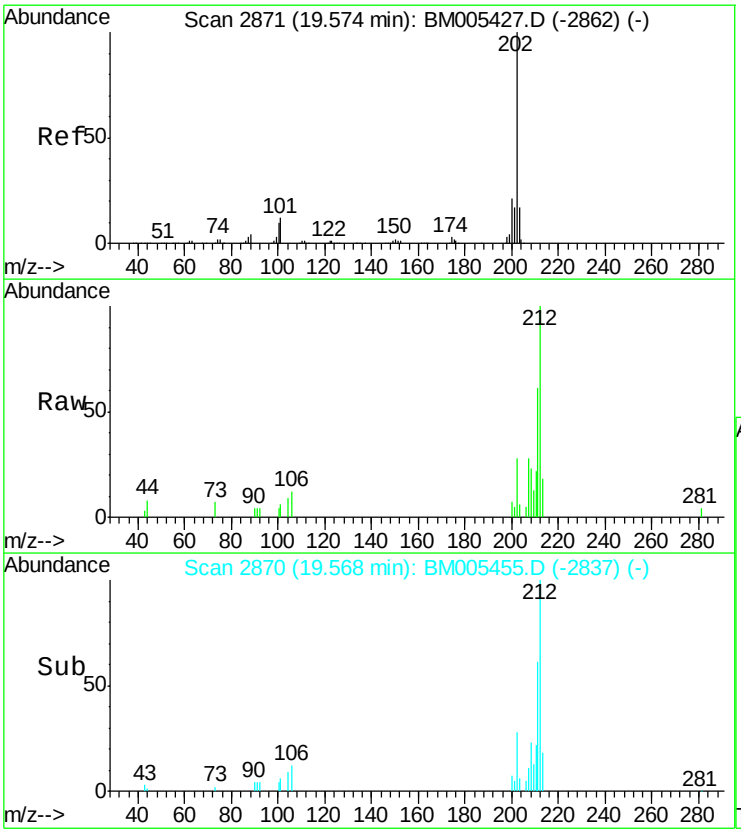
#74
Fluoranthene
Concen: 0.13 ng/ul
RT: 19.22 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BM005455.D
Acq: 14 May 2016 08:10

Instrument :
BNA_M
ClientSampleId :
H4116

Tgt Ion:202 Resp: 3133

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

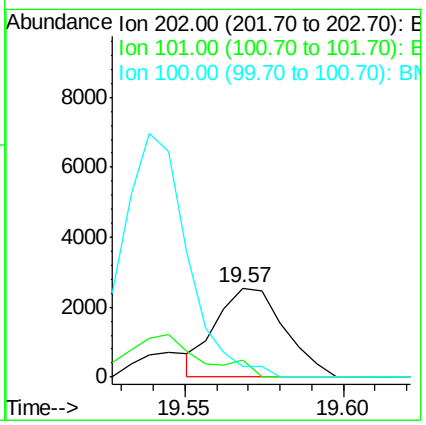


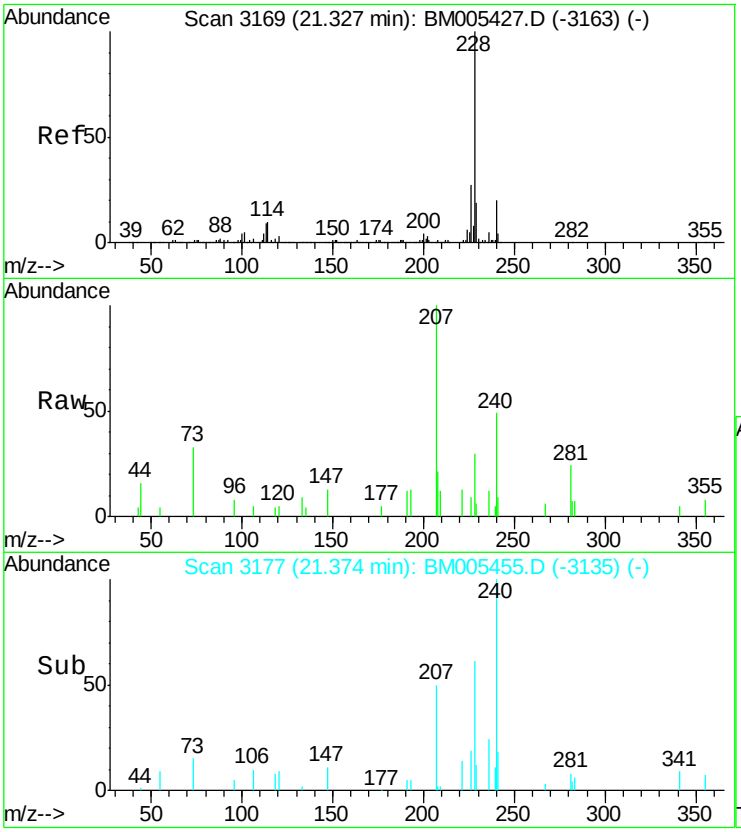


#77
Pyrene
Concen: 0.12 ng/ul
RT: 19.57 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BM005455.D
Acq: 14 May 2016 08:10

Tgt Ion:202 Resp: 3815

Ion	Ratio	Lower	Upper
202	100		
101	19.5	10.8	16.2#
100	12.6	8.4	12.6#



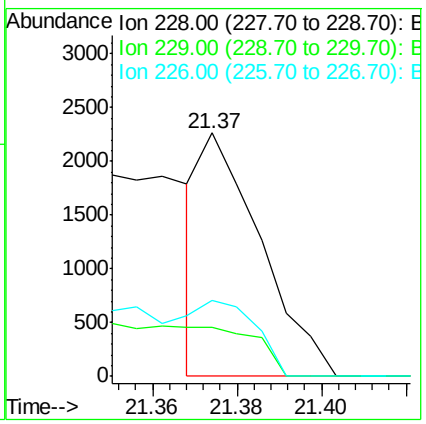


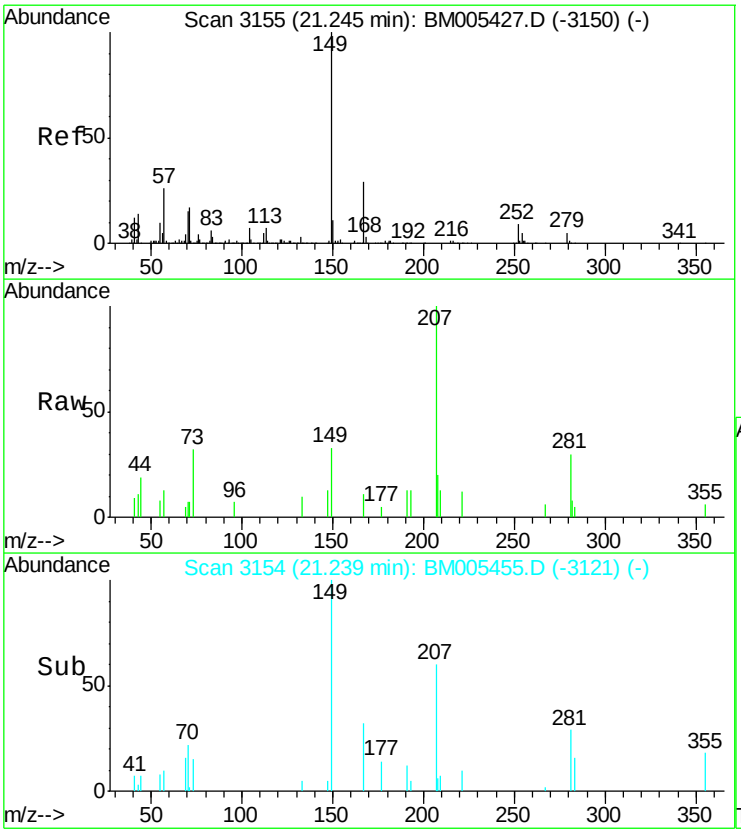
#80
Benzo(a)anthracene
Concen: 0.07 ng/ul
RT: 21.37 min Scan# 3177
Delta R.T. 0.05 min
Lab File: BM005455.D
Acq: 14 May 2016 08:10

Instrument :
BNA_M
ClientSampleId :
H4116

Tgt Ion:228 Resp: 2218

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.5	23.3
226	31.1	21.8	32.8

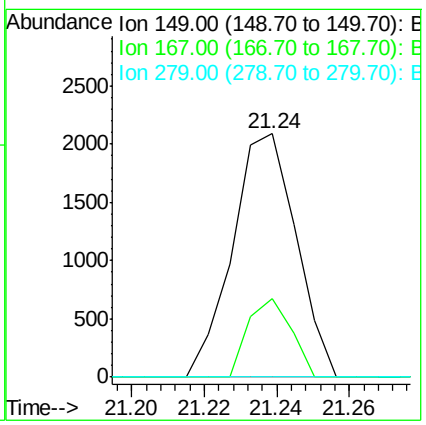


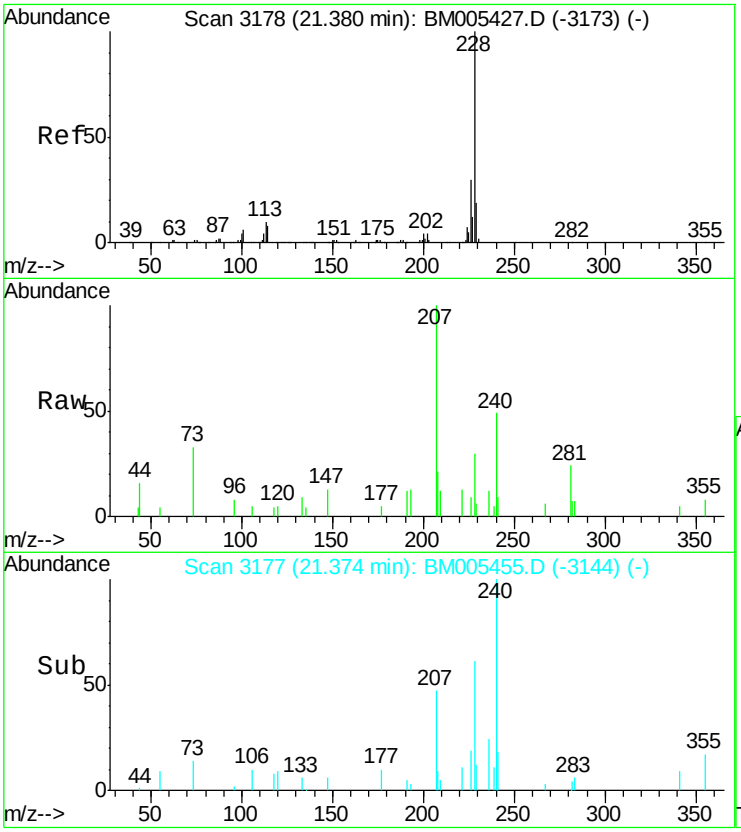


#81
Bis(2-ethylhexyl)phthalate
Concen: 0.14 ng/ul
RT: 21.24 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BM005455.D
Acq: 14 May 2016 08:10

Tgt Ion:149 Resp: 2544

Ion	Ratio	Lower	Upper
149	100		
167	32.4	21.9	32.9
279	0.0	3.0	4.4#



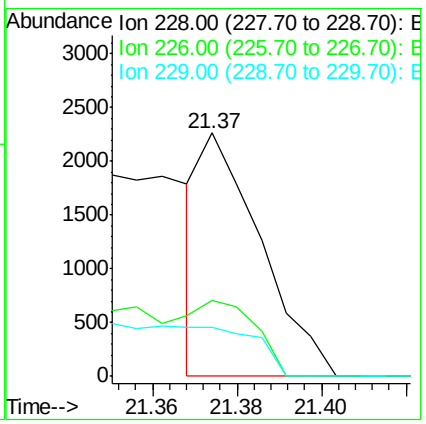


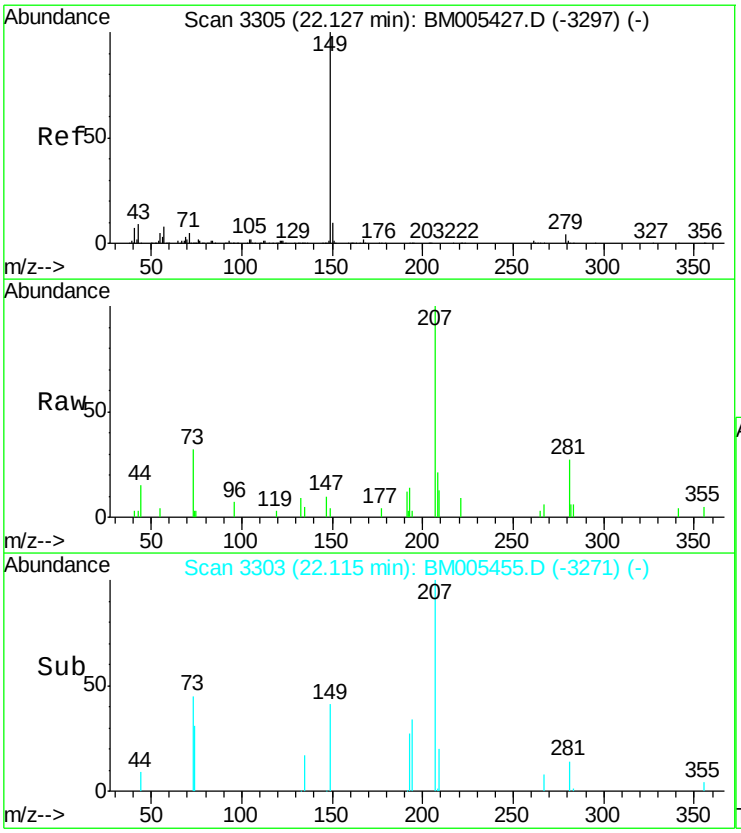
#82
Chrysene
Concen: 0.07 ng/ul
RT: 21.37 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BM005455.D
Acq: 14 May 2016 08:10

Instrument :
BNA_M
ClientSampleId :
H4116

Tgt Ion:228 Resp: 2218

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.6	35.4
229	20.0	15.4	23.0

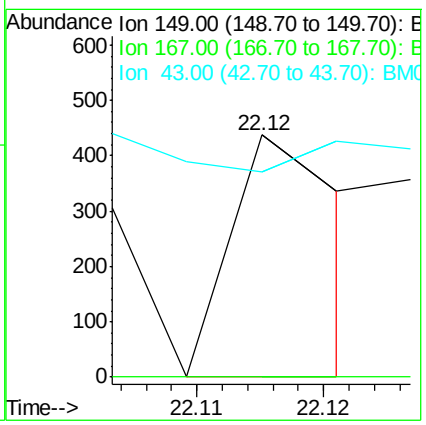


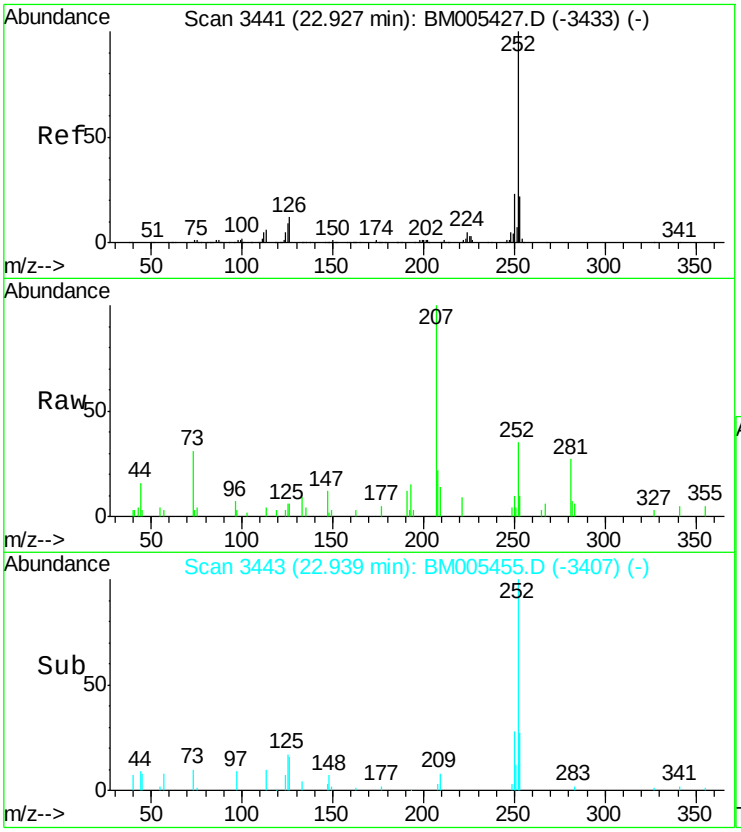


#84
Di-n-octyl phthalate
Concen: 0.01 ng/ul
RT: 22.12 min Scan# 3303
Delta R.T. -0.01 min
Lab File: BM005455.D
Acq: 14 May 2016 08:10

Tgt Ion:149 Resp: 273

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	85.1	7.4	11.0#



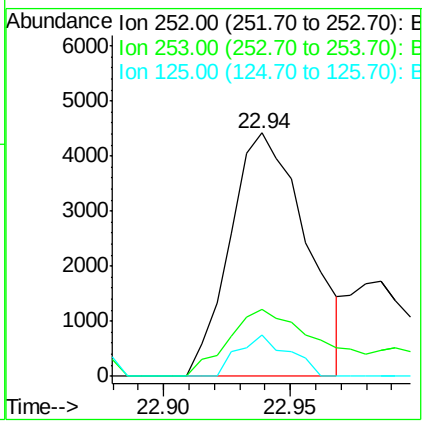


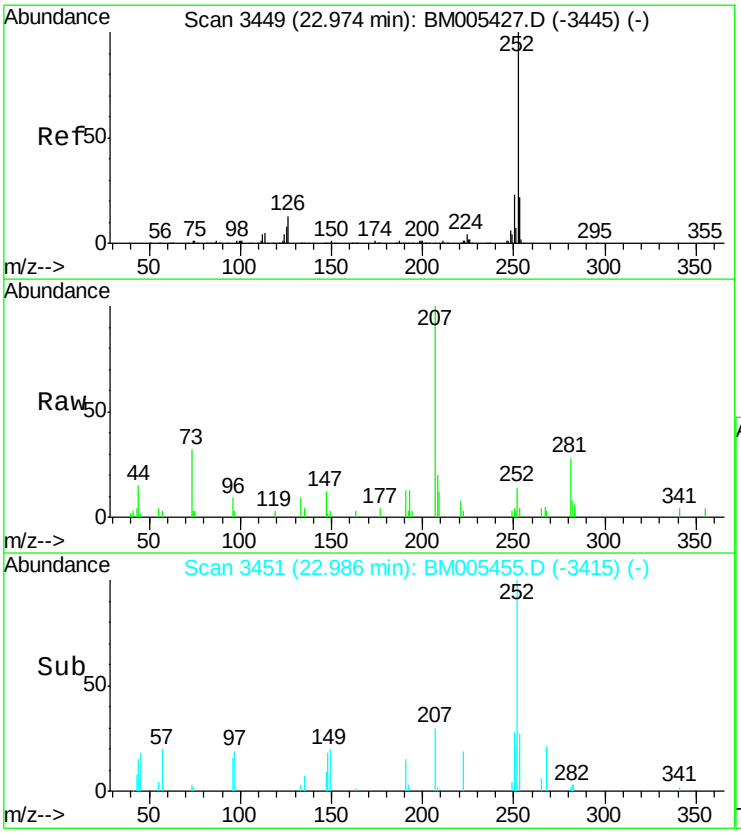
#85
Benzo(b)fluoranthene
Concen: 0.31 ng/ul
RT: 22.94 min Scan# 3443
Delta R.T. 0.01 min
Lab File: BM005455.D
Acq: 14 May 2016 08:10

Instrument :
BNA_M
ClientSampleId :
H4116

Tgt Ion:252 Resp: 9285

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.4	26.2#
125	17.2	8.4	12.6#

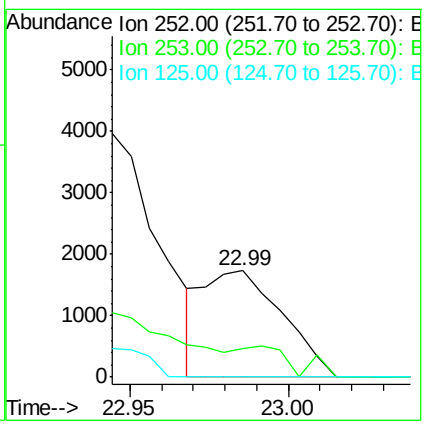


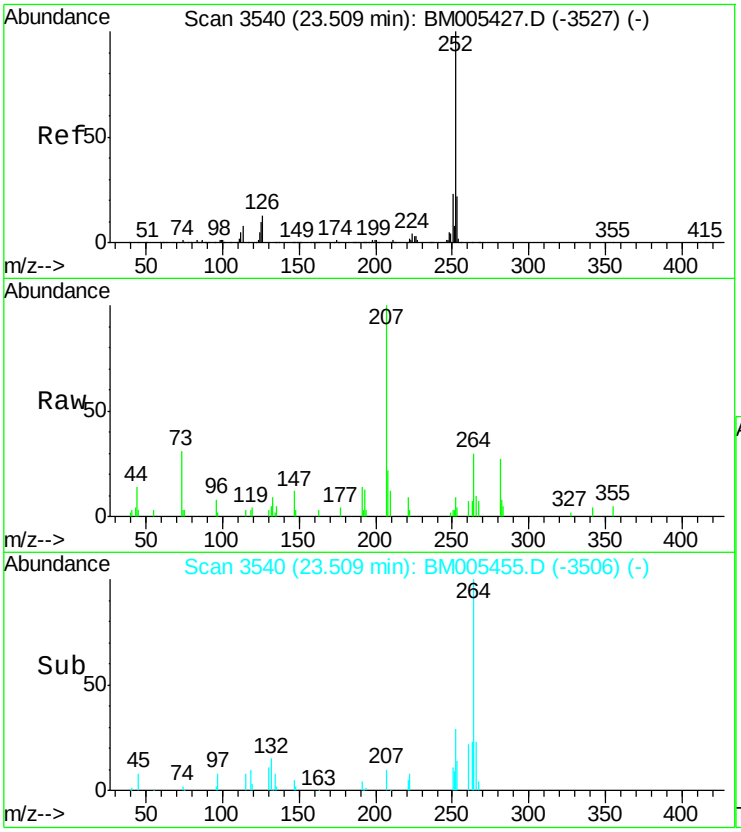


#86
Benzo(k)fluoranthene
Concen: 0.11 ng/ul
RT: 22.99 min Scan# 3451
Delta R.T. 0.01 min
Lab File: BM005455.D
Acq: 14 May 2016 08:10

Tgt Ion:252 Resp: 2962

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.3	25.9#
125	0.0	8.0	12.0#



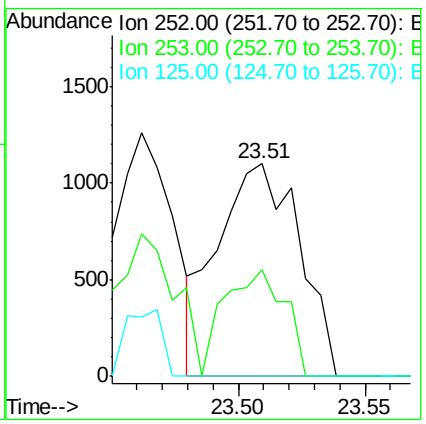


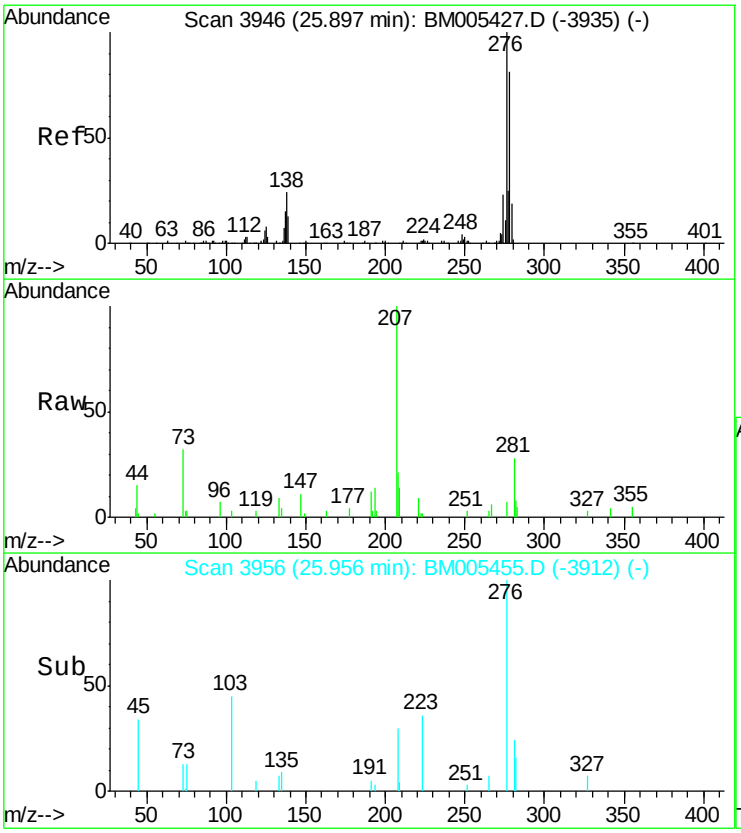
#88
Benzo(a)pyrene
Concen: 0.09 ng/ul
RT: 23.51 min Scan# 3540
Delta R.T. 0.00 min
Lab File: BM005455.D
Acq: 14 May 2016 08:10

Instrument :
BNA_M
ClientSampleId :
H4116

Tgt Ion:252 Resp: 2460

Ion	Ratio	Lower	Upper
252	100		
253	50.1	17.5	26.3#
125	0.0	8.7	13.1#

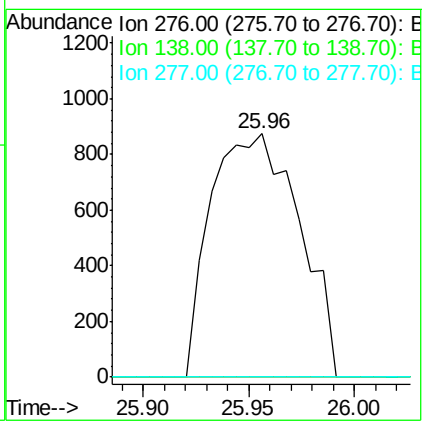


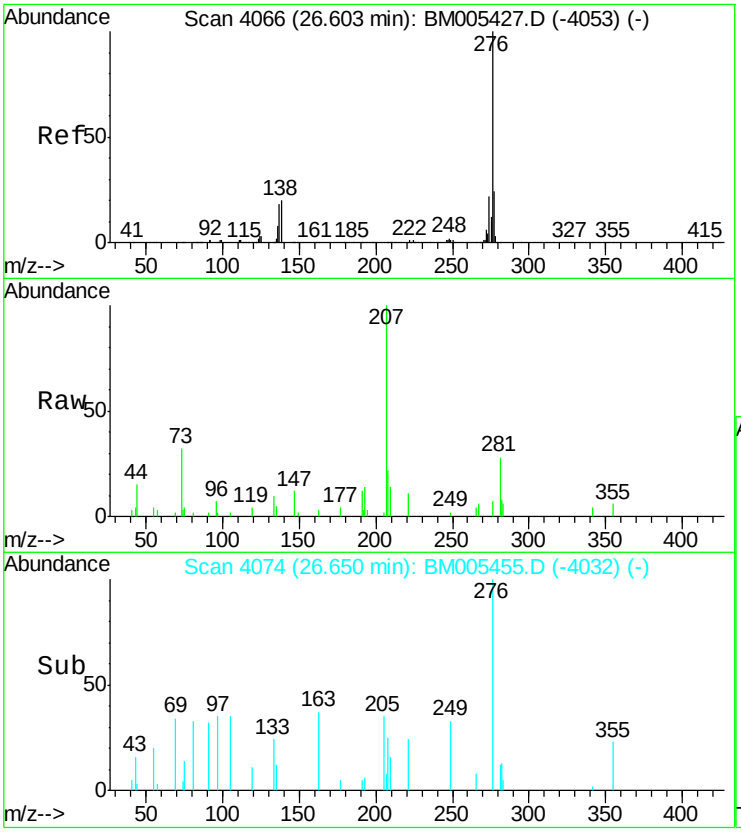


#89
Indeno(1,2,3-cd)pyrene
Concen: 0.08 ng/ul
RT: 25.96 min Scan# 3956
Delta R.T. 0.06 min
Lab File: BM005455.D
Acq: 14 May 2016 08:10

Tgt Ion:276 Resp: 2547

Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.0	31.6#
277	0.0	19.9	29.9#





#91
Benzo(g,h,i)perylene
Concen: 0.11 ng/ul
RT: 26.65 min Scan# 4074
Delta R.T. 0.05 min
Lab File: BM005455.D
Acq: 14 May 2016 08:10

Instrument :
BNA_M
ClientSampleId :
H4116

Tgt Ion:276 Resp: 2832

Ion	Ratio	Lower	Upper
276	100		
138	0.0	18.2	27.4#
277	0.0	19.4	29.2#