Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102817\
Data File : BM012564.D
Acq On : 29 Oct 2017 15:02
Operator : SJ/JU
Sample : I5919-12
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0DL1

Quant Time: Oct 30 17:06:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 16:46:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	469876	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1769586	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1008417	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2252253	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2666530	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	2755286	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	48915	5.32	ng/uL	0.00
5) Phenol-d5	7.03	99	832537	21.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	505446	21.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	688165	23.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	589405	17.57	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	317764	28.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	346213	30.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	681883	22.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	562739	17.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1992822	22.62	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	2500935	24.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	237684	18.15	ng/ul	0.00
57) Fluorene-d10	15.49	176	1740981	23.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	137219	12.59	ng/ul	0.00
70) Anthracene-d10	17.34	188	2547266	23.73	ng/ul	0.00
76) Pyrene-d10	19.63	212	3027986	24.75	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.57	264	3187601	24.35	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.06	94	88515	2.166	ng/ul#	83
44) Dimethylphthalate	13.95	163	199909	2.294	ng/ul	97
69) Phenanthrene	17.28	178	310176	2.547	ng/ul#	84
73) Di-n-butylphthalate	18.20	149	149278	1.123	ng/ul#	78
74) Fluoranthene	19.30	202	407418	2.952	ng/ul#	90
77) Pyrene	19.66	202	511172	3.371	ng/ul#	91
80) Benzo(a)anthracene	21.40	228	218081	1.366	ng/ul#	82
82) Chrysene	21.45	228	374462	2.638	ng/ul#	89
85) Benzo(b)fluoranthene	23.03	252	474393	2.785	ng/ul#	91
88) Benzo(a)pyrene	23.62	252	283146	1.744	ng/ul#	87
89) Indeno(1,2,3-cd)pyrene	26.06	276	301797	1.579	ng/ul#	94
91) Benzo(g,h,i)perylene	26.77	276	338992	2.189	ng/ul#	88

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

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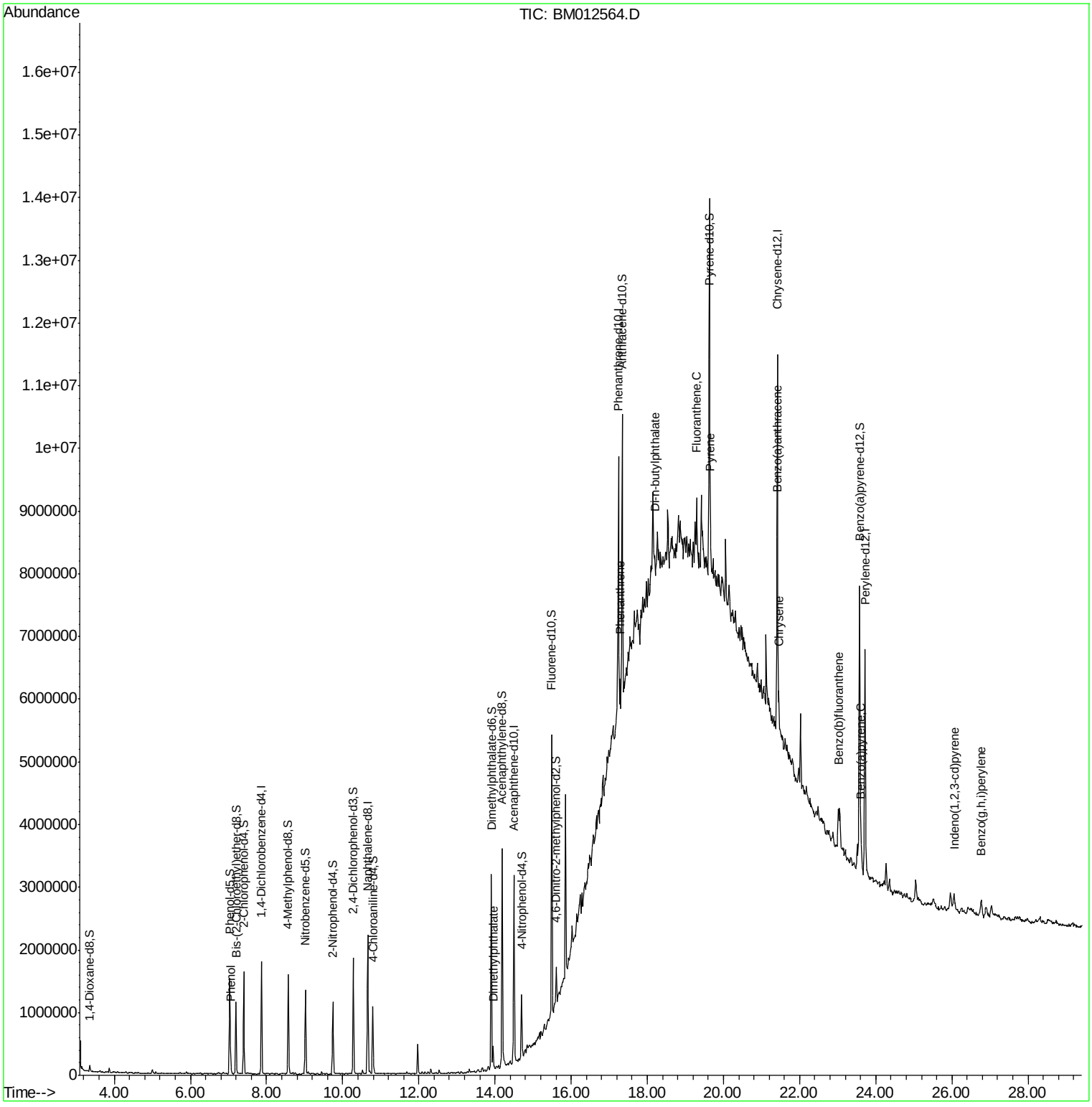
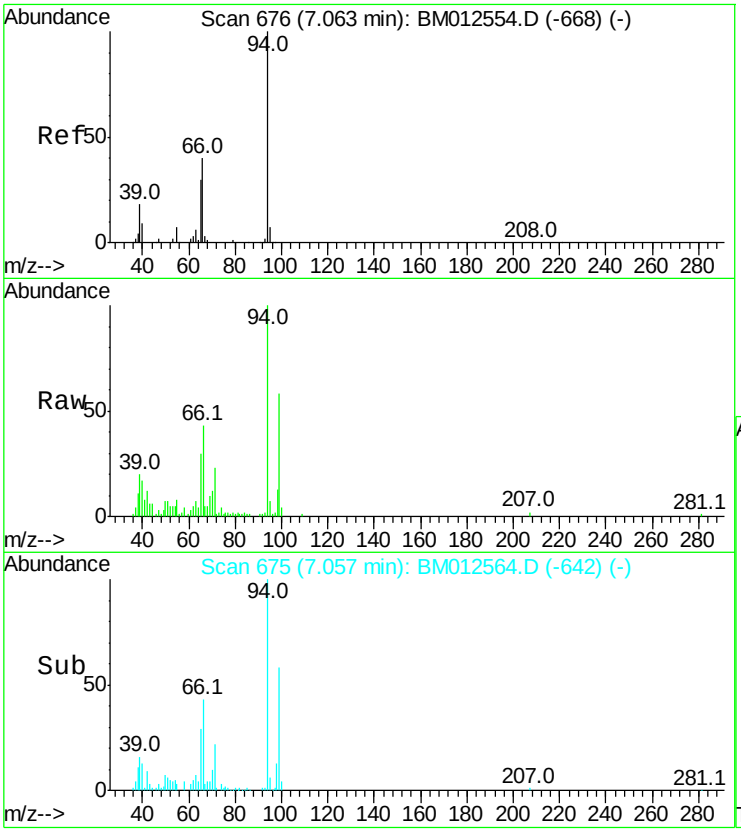
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 16:46:58 2017
Response via : Initial Calibration



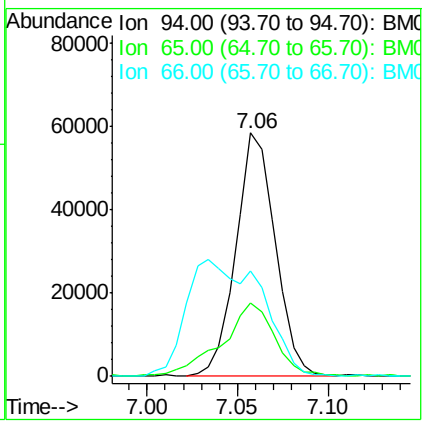


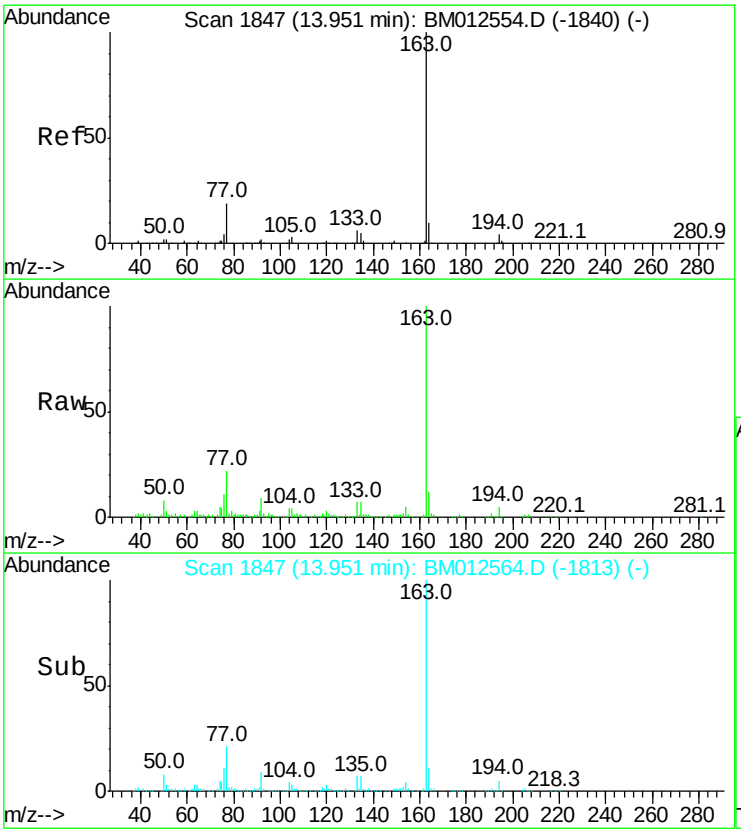
#6
Phenol
Concen: 2.166 ng/ul
RT: 7.06 min Scan# 675
Delta R.T. -0.01 min
Lab File: BM012564.D
Acq: 29 Oct 2017 15:02

Instrument :
BNA_M
ClientSampleId :
B0DL1

Tgt Ion: 94 Resp: 88515

Ion	Ratio	Lower	Upper
94	100		
65	30.0	28.2	42.4
66	43.0	47.2	70.8#

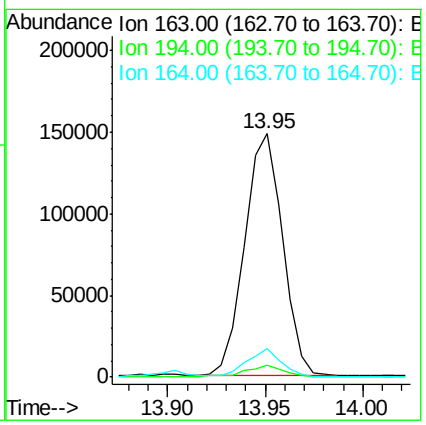


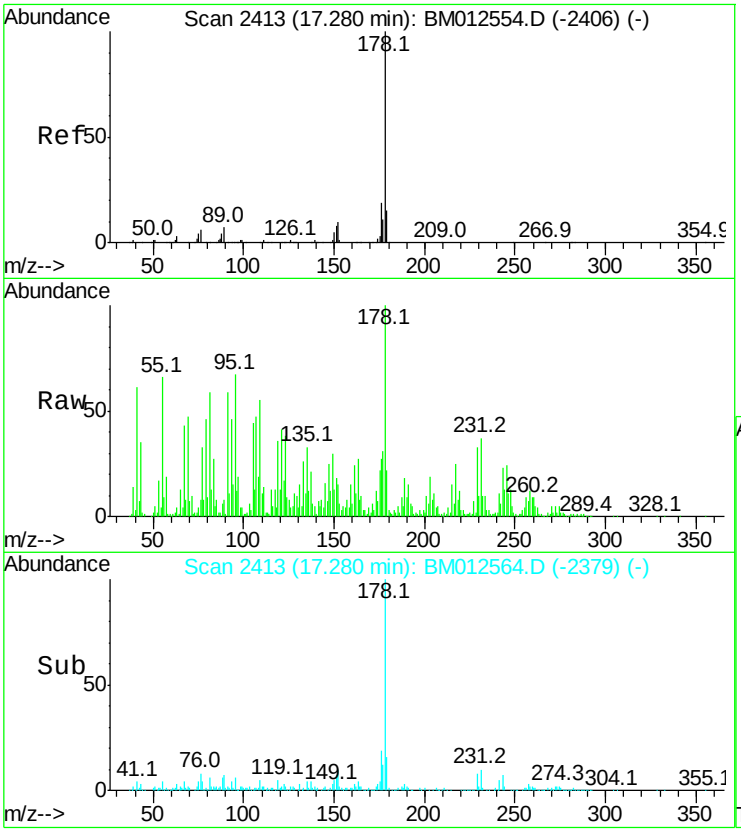


#44
Dimethylphthalate
Concen: 2.294 ng/ul
RT: 13.95 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BM012564.D
Acq: 29 Oct 2017 15:02

Tgt Ion:163 Resp: 199909

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.5	5.3
164	11.6	8.2	12.4



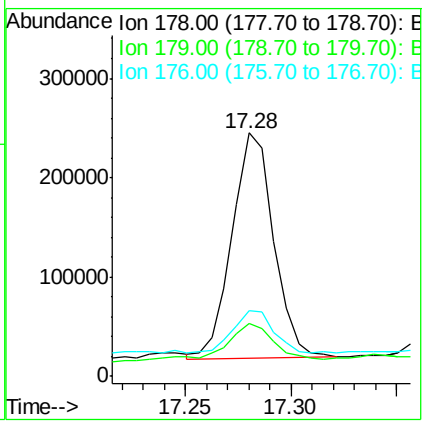


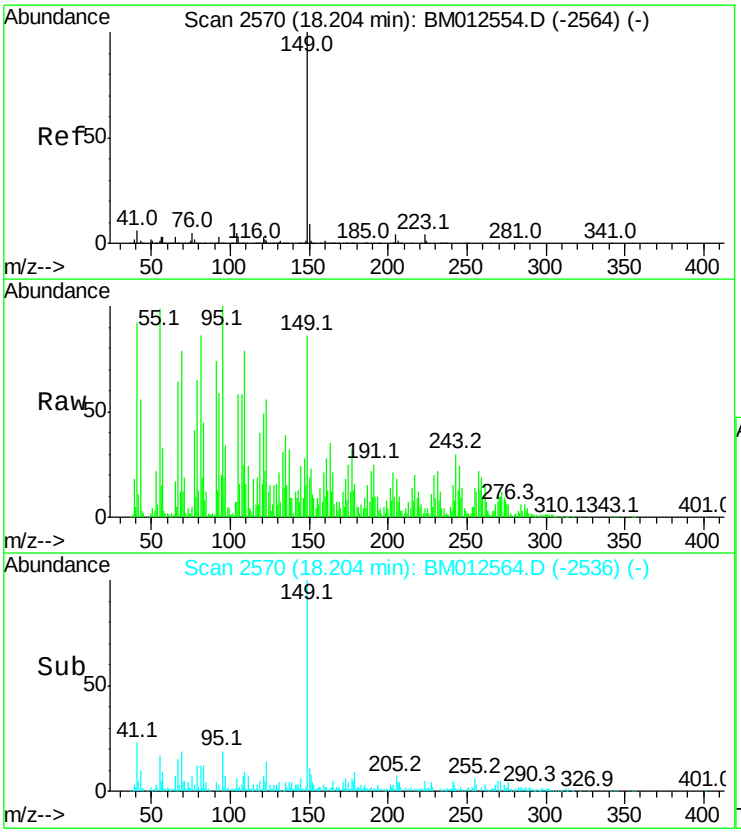
#69
Phenanthrene
Concen: 2.547 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM012564.D
Acq: 29 Oct 2017 15:02

Instrument :
BNA_M
ClientSampleId :
B0DL1

Tgt Ion:178 Resp: 310176

Ion	Ratio	Lower	Upper
178	100		
179	21.5	12.6	19.0#
176	27.0	14.9	22.3#

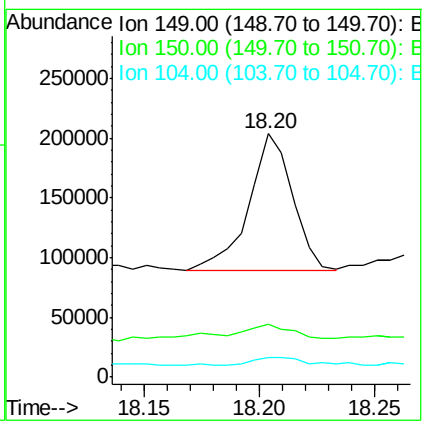


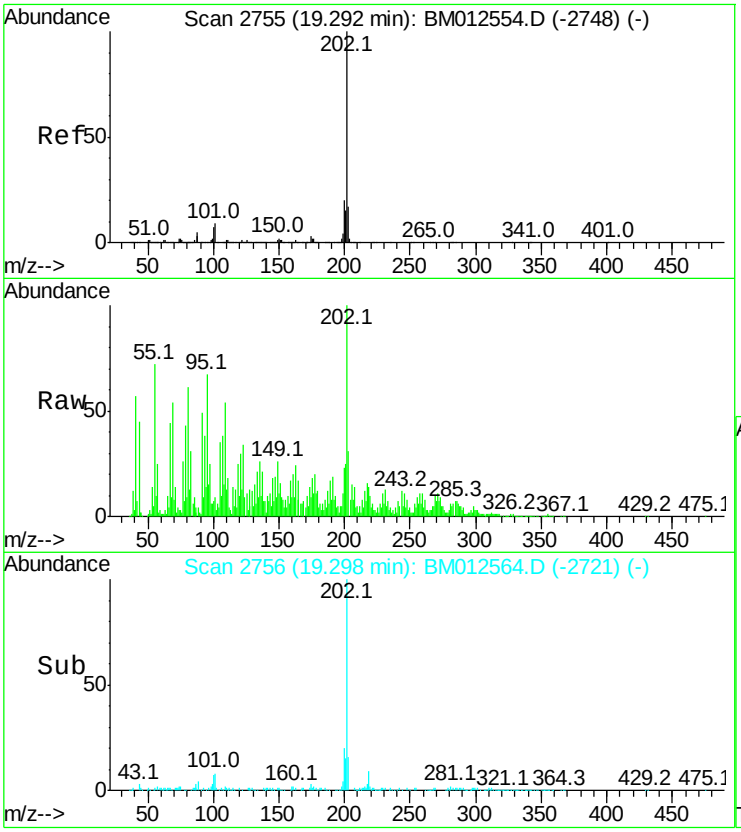


#73
Di-n-butylphthalate
Concen: 1.123 ng/ul
RT: 18.20 min Scan# 2570
Delta R.T. 0.00 min
Lab File: BM012564.D
Acq: 29 Oct 2017 15:02

Tgt Ion:149 Resp: 149278

Ion	Ratio	Lower	Upper
149	100		
150	22.0	7.1	10.7#
104	8.2	5.6	8.4



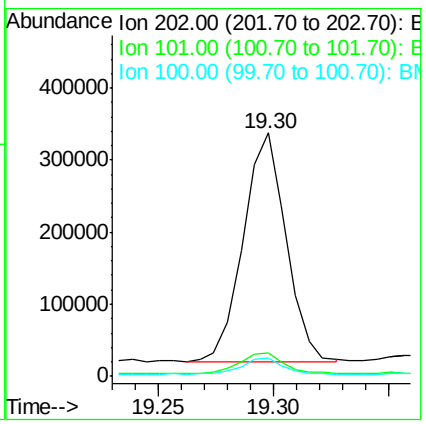


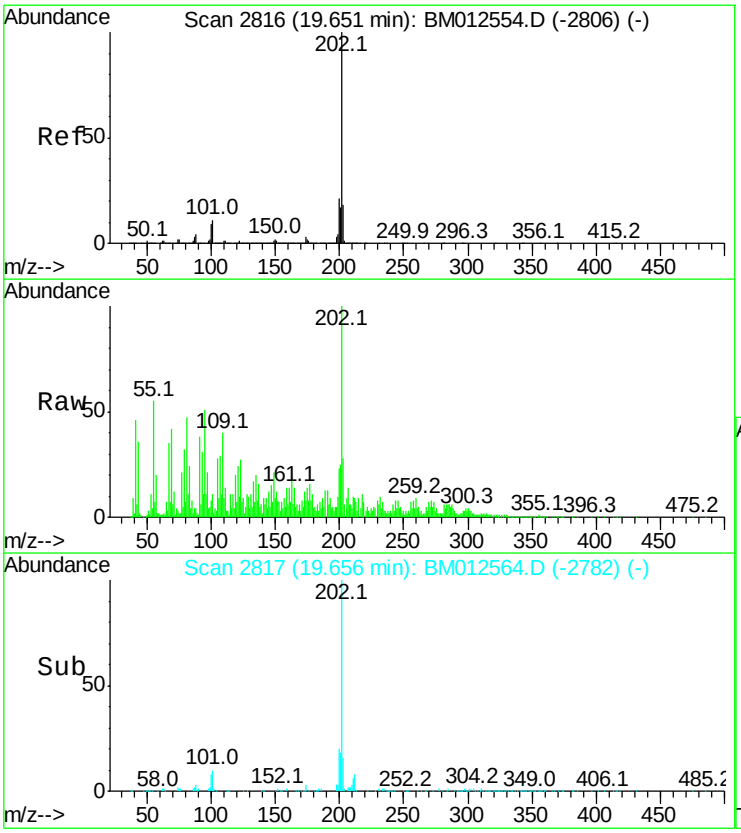
#74
Fluoranthene
Concen: 2.952 ng/ul
RT: 19.30 min Scan# 2756
Delta R.T. 0.01 min
Lab File: BM012564.D
Acq: 29 Oct 2017 15:02

Instrument :
BNA_M
ClientSampleId :
B0DL1

Tgt Ion:202 Resp: 407418

Ion	Ratio	Lower	Upper
202	100		
101	9.5	4.6	7.0#
100	7.3	3.4	5.2#

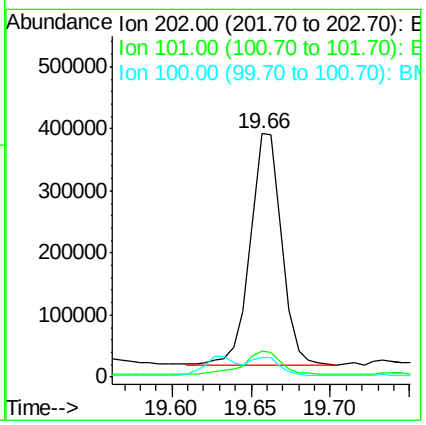


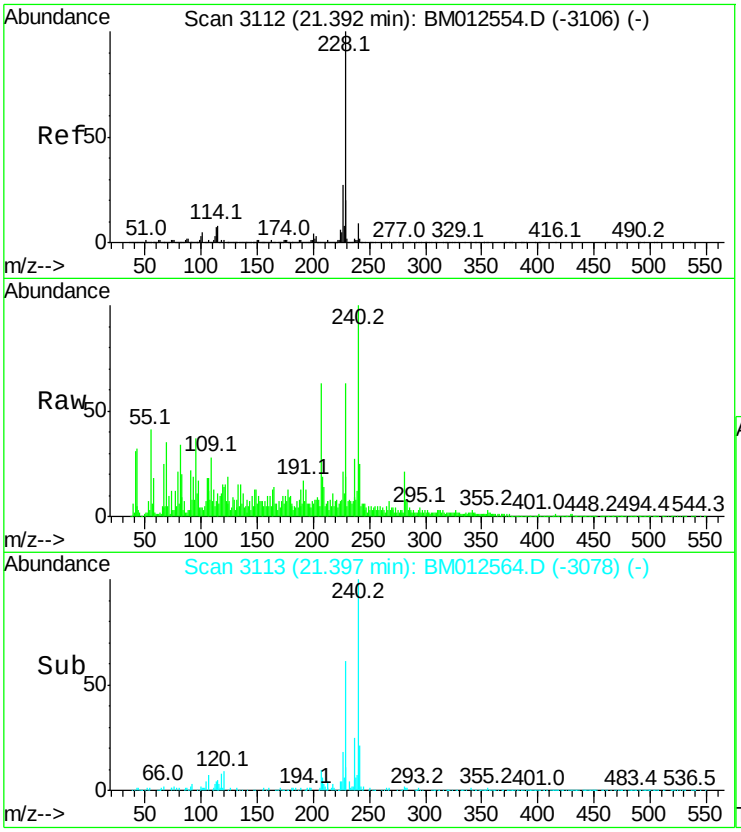


#77
Pyrene
Concen: 3.371 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.01 min
Lab File: BM012564.D
Acq: 29 Oct 2017 15:02

Tgt Ion:202 Resp: 511172

Ion	Ratio	Lower	Upper
202	100		
101	10.6	5.1	7.7#
100	8.2	4.9	7.3#



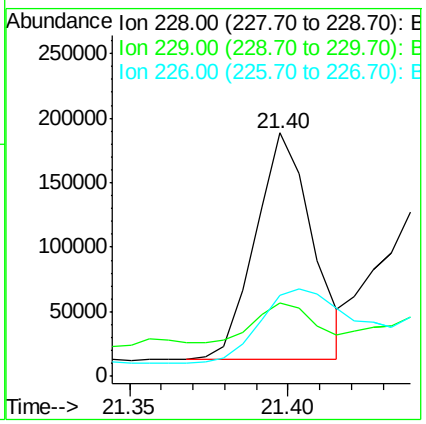


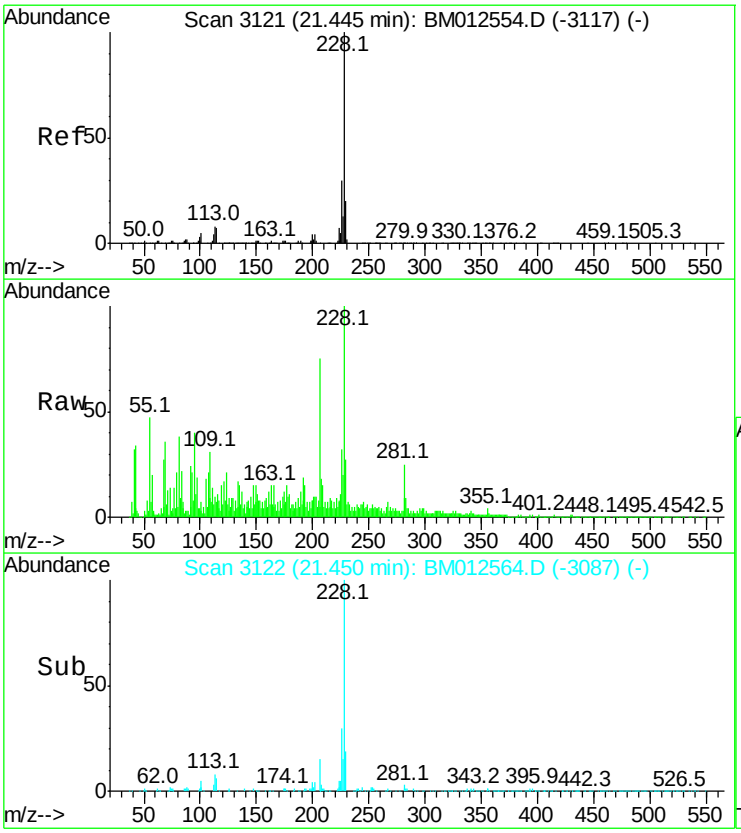
#80
Benzo(a)anthracene
Concen: 1.366 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.01 min
Lab File: BM012564.D
Acq: 29 Oct 2017 15:02

Instrument :
BNA_M
ClientSampleId :
B0DL1

Tgt Ion:228 Resp: 218081

Ion	Ratio	Lower	Upper
228	100		
229	30.0	15.4	23.0#
226	33.5	21.4	32.0#

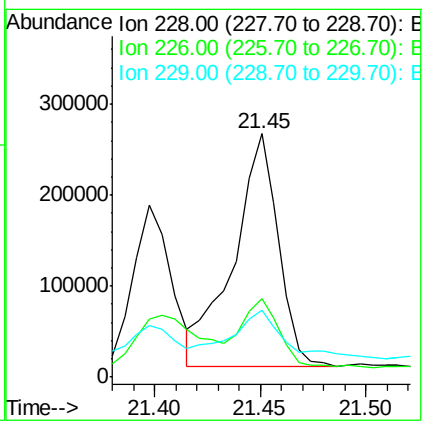


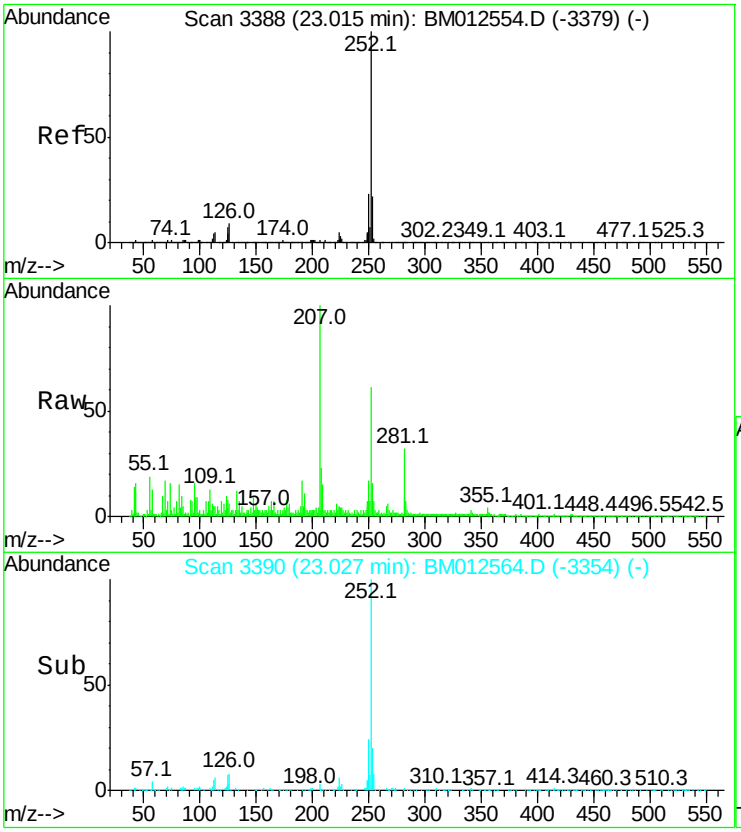


#82
Chrysene
Concen: 2.638 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. 0.01 min
Lab File: BM012564.D
Acq: 29 Oct 2017 15:02

Tgt Ion:228 Resp: 374462

Ion	Ratio	Lower	Upper
228	100		
226	32.5	23.4	35.2
229	27.5	15.5	23.3#



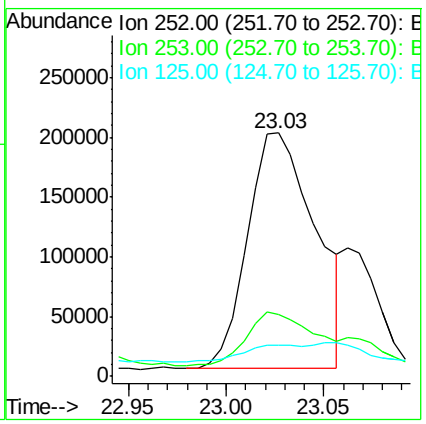


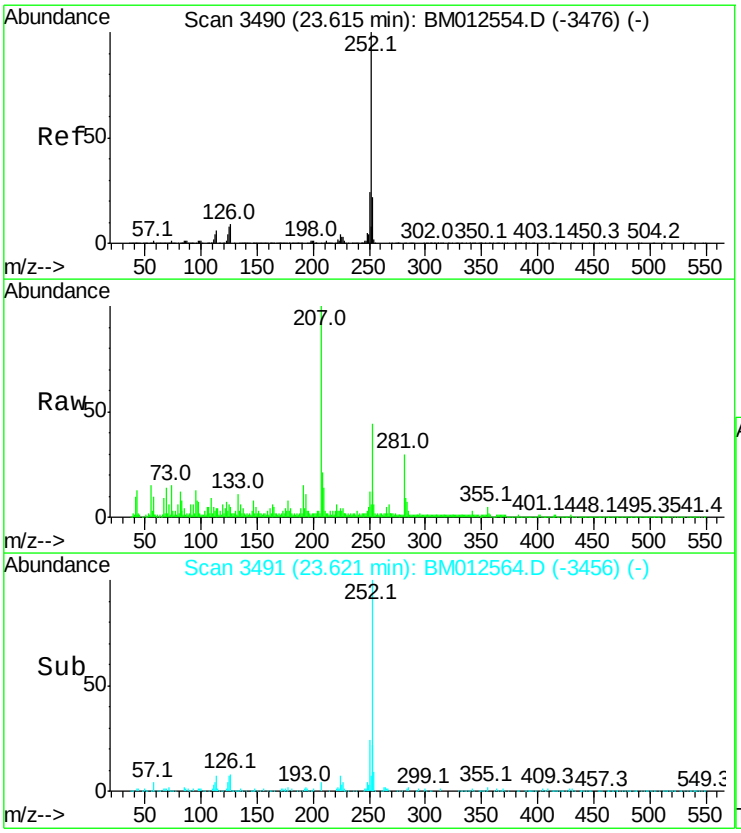
#85
Benzo(b)fluoranthene
Concen: 2.785 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.01 min
Lab File: BM012564.D
Acq: 29 Oct 2017 15:02

Instrument :
BNA_M
ClientSampleId :
B0DL1

Tgt Ion:252 Resp: 474393

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.9	26.9
125	12.9	3.6	5.4#

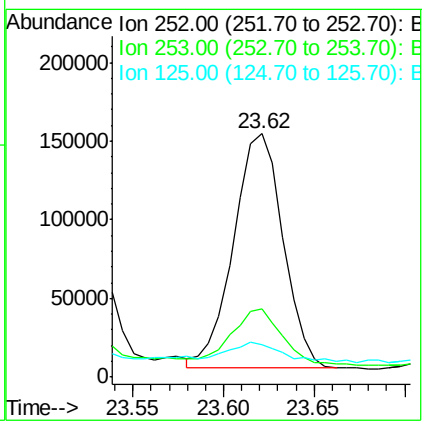


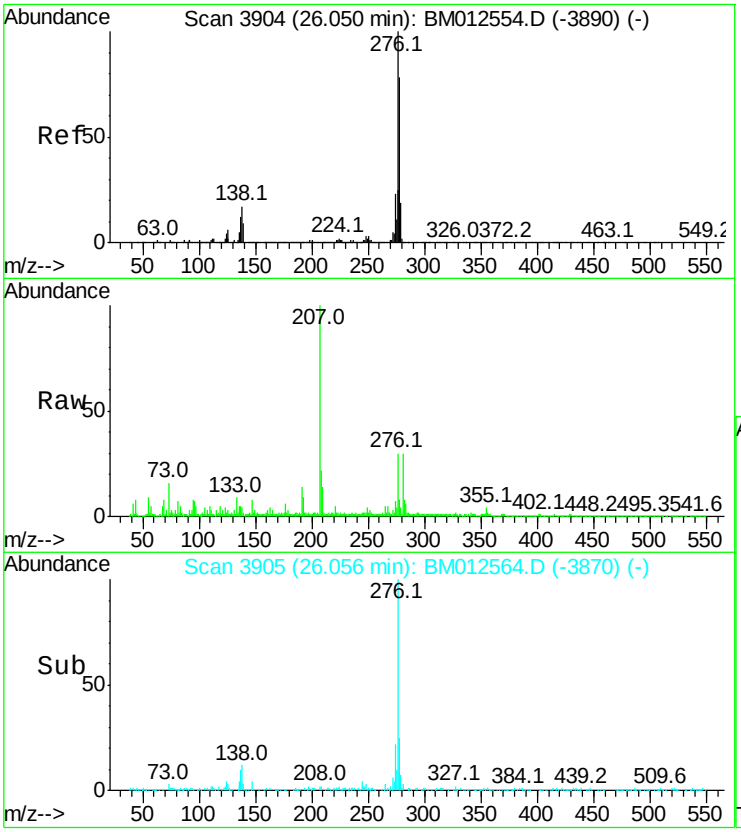


#88
Benzo(a)pyrene
Concen: 1.744 ng/ul
RT: 23.62 min Scan# 3491
Delta R.T. 0.01 min
Lab File: BM012564.D
Acq: 29 Oct 2017 15:02

Tgt Ion:252 Resp: 283146

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.2	27.2#
125	13.1	4.0	6.0#



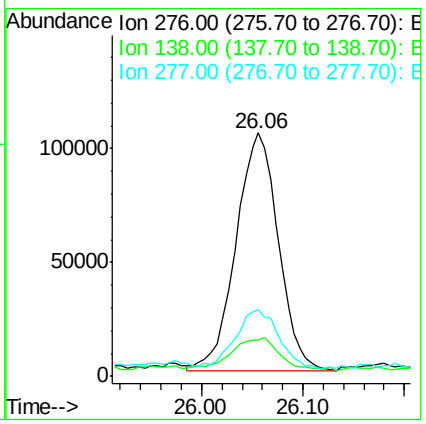


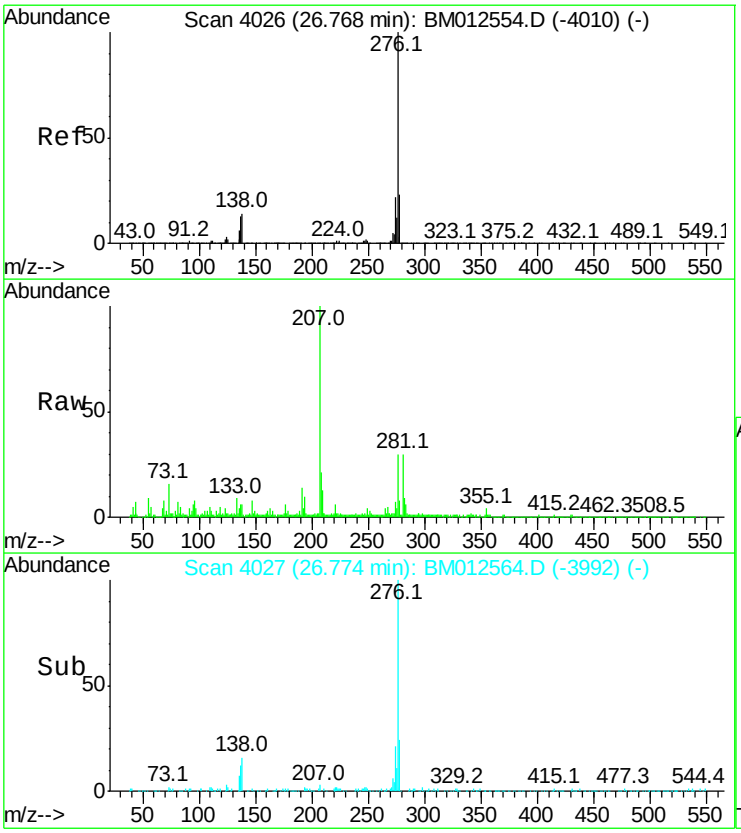
#89
Indeno(1,2,3-cd)pyrene
Concen: 1.579 ng/ul
RT: 26.06 min Scan# 3905
Delta R.T. 0.01 min
Lab File: BM012564.D
Acq: 29 Oct 2017 15:02

Instrument :
BNA_M
ClientSampleId :
B0DL1

Tgt Ion:276 Resp: 301797

Ion	Ratio	Lower	Upper
276	100		
138	14.7	9.3	13.9#
277	27.4	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 2.189 ng/ul
RT: 26.77 min Scan# 4027
Delta R.T. 0.01 min
Lab File: BM012564.D
Acq: 29 Oct 2017 15:02

Tgt Ion:276 Resp: 338992

Ion	Ratio	Lower	Upper
276	100		
138	18.6	8.5	12.7#
277	27.3	18.6	28.0