Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032718\
Data File : BN000654.D
Acq On : 27 Mar 2018 19:20
Operator : JU/SJ
Sample : J2060-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AS8

Quant Time: Mar 28 02:49:02 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 28 01:35:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	171333	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	776230	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.02	164	428857	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	885929	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	747356	20.00	ng/ul	0.00
83) Perylene-d12	24.35	264	586283	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	9540	1.99	ng/uL	0.00
5) Phenol-d5	7.55	99	186571	11.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	118747	12.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	141366	11.70	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	153083	12.30	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	70352	11.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	68763	10.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	127610	10.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	130784	10.88	ng/ul	0.00
43) Dimethylphthalate-d6	14.41	166	431939	12.75	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	554667	12.41	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	44809	7.12	ng/ul	0.00
57) Fluorene-d10	16.01	176	366673	12.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	23589	4.65	ng/ul	0.00
70) Anthracene-d10	17.85	188	544871	12.80	ng/ul	0.00
76) Pyrene-d10	20.11	212	562895	13.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.20	264	360276	13.02	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.30	128	221647	5.437	ng/ul	100
34) 2-Methylnaphthalene	12.88	142	174748	6.421	ng/ul	98
44) Dimethylphthalate	14.46	163	97575	2.911	ng/ul#	98
69) Phenanthrene	17.80	178	316693	6.205	ng/ul	100
74) Fluoranthene	19.78	202	51651	1.018	ng/ul#	85
77) Pyrene	20.14	202	230629	4.225	ng/ul#	79
80) Benzo(a)anthracene	21.86	228	78771	1.582	ng/ul	98
82) Chrysene	21.92	228	179110	3.837	ng/ul	100
85) Benzo(b)fluoranthene	23.60	252	68027	1.836	ng/ul#	92
88) Benzo(a)pyrene	24.25	252	56276	1.614	ng/ul#	89
91) Benzo(g,h,i)perylene	27.70	276	67443	2.159	ng/ul#	85

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

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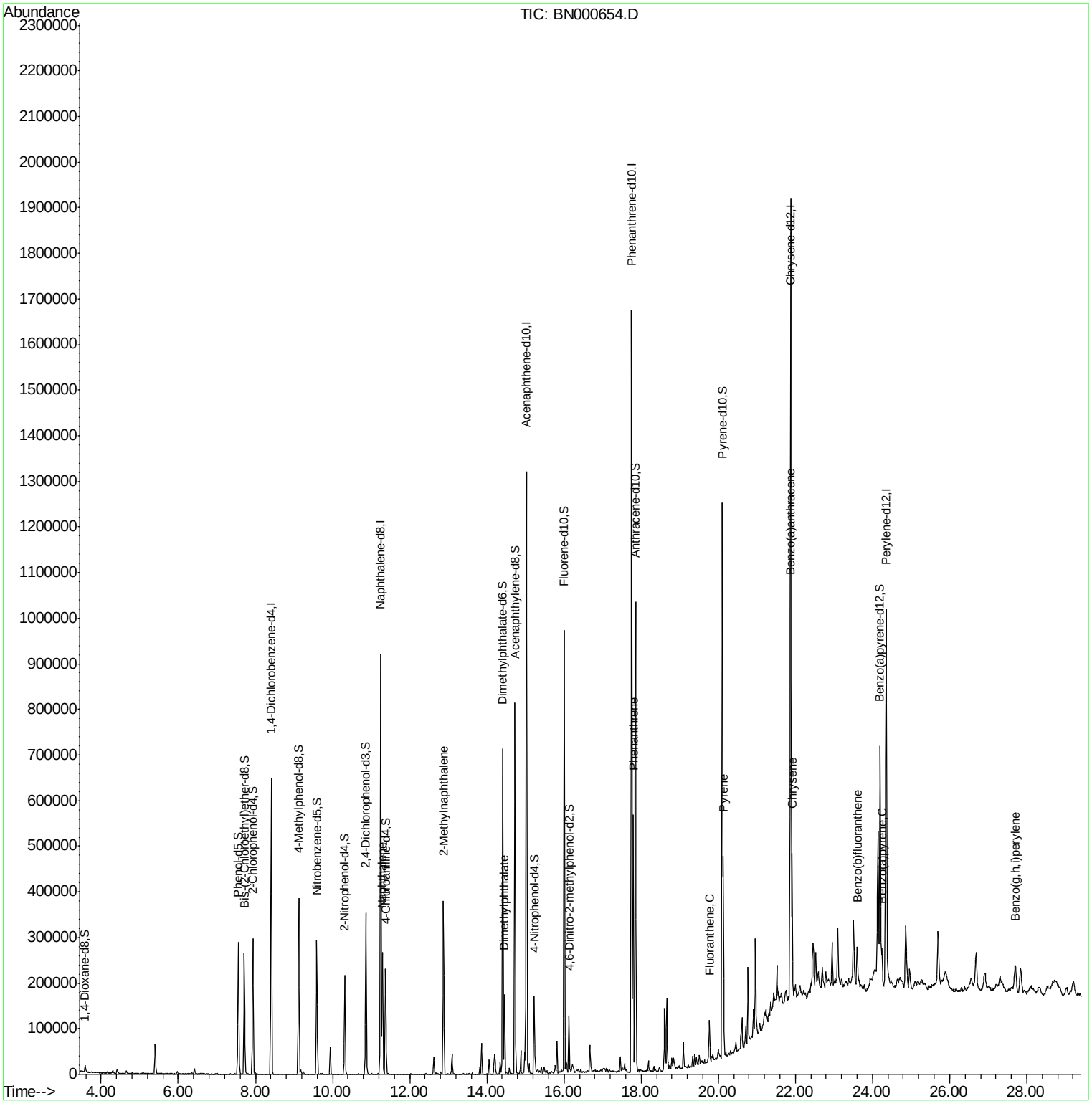
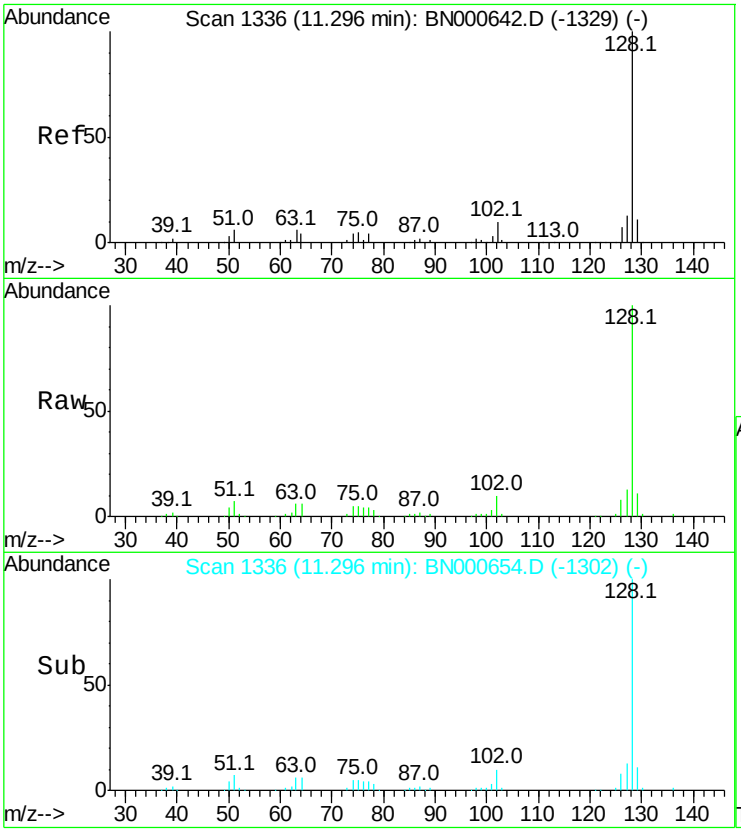


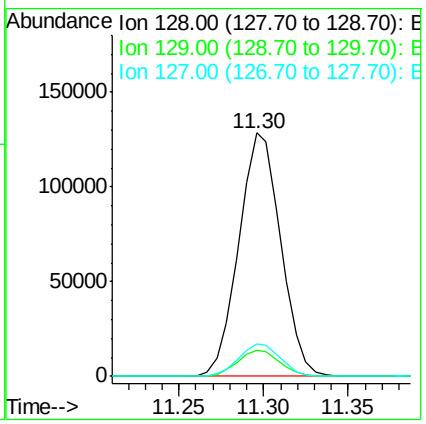


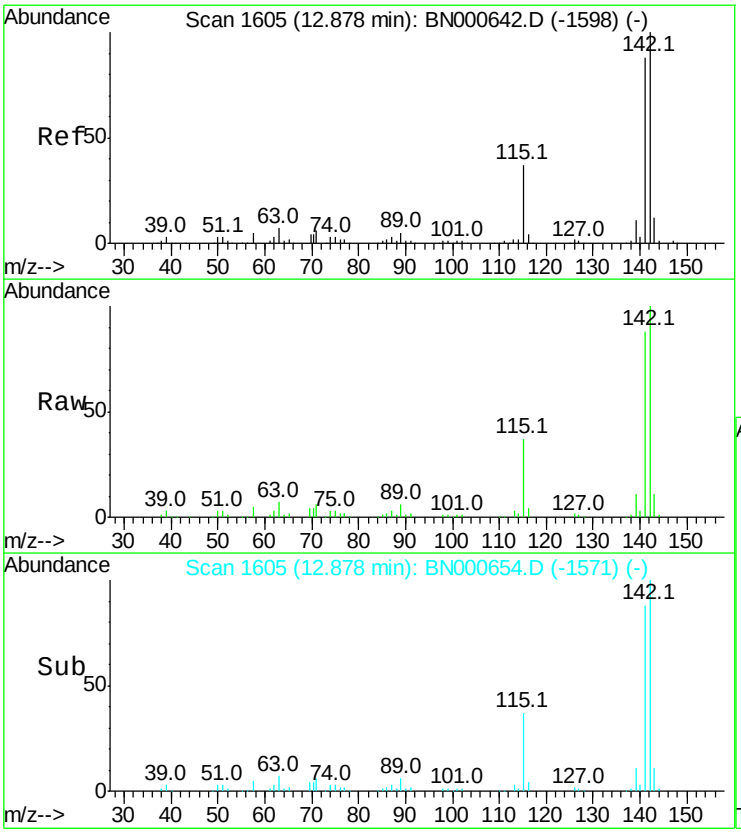
#28
Naphthalene
Concen: 5.437 ng/ul
RT: 11.30 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BN000654.D
Acq: 27 Mar 2018 19:20

Instrument :
BNA_N
ClientSampleId :
C0AS8

Tgt Ion:128 Resp: 221647

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.3	12.5
127	13.4	10.8	16.2

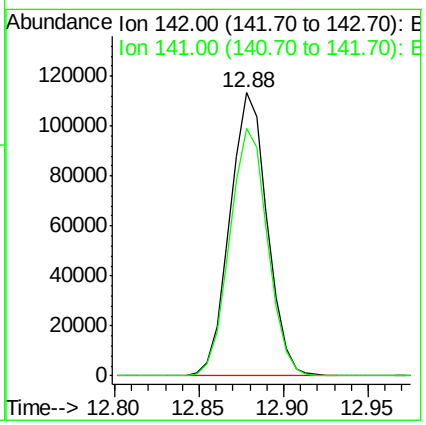


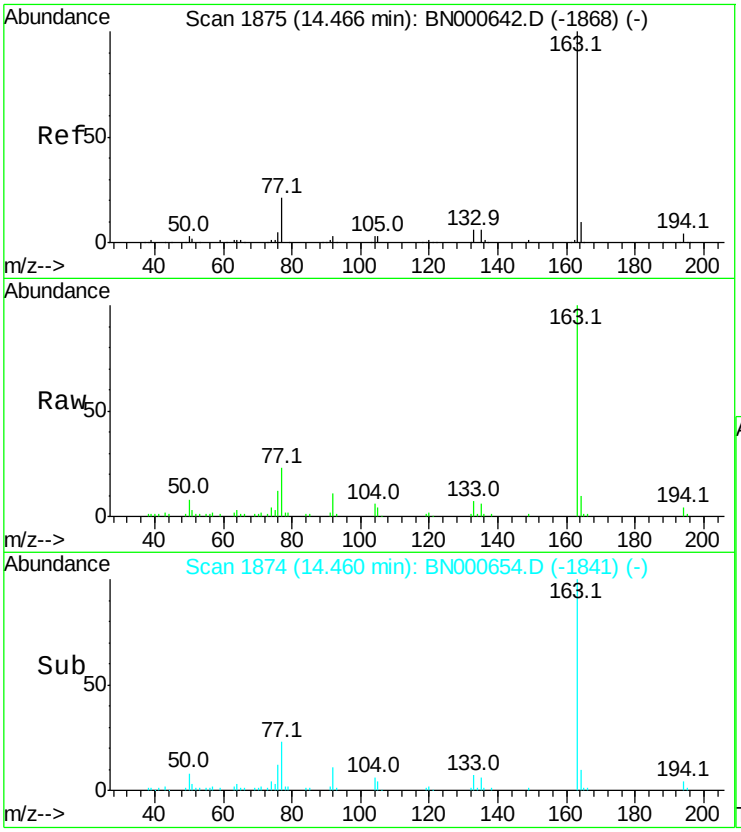


#34
2-Methylnaphthalene
Concen: 6.421 ng/ul
RT: 12.88 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BN000654.D
Acq: 27 Mar 2018 19:20

Tgt Ion:142 Resp: 174748

Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.4	107.2



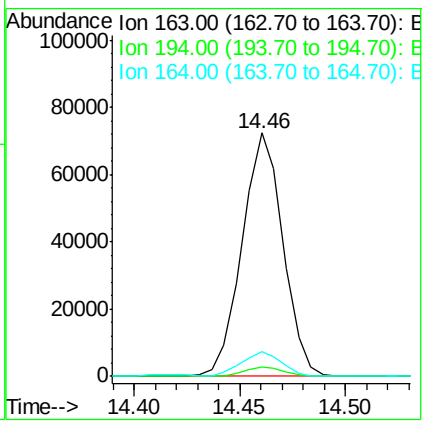


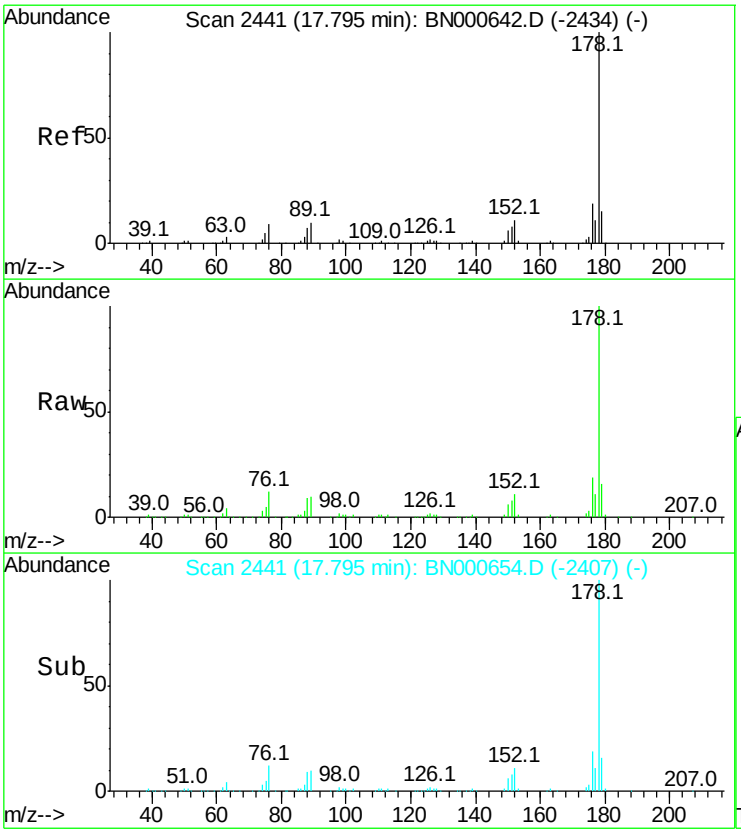
#44
Dimethylphthalate
Concen: 2.911 ng/ul
RT: 14.46 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BN000654.D
Acq: 27 Mar 2018 19:20

Instrument :
BNA_N
ClientSampleId :
C0AS8

Tgt Ion:163 Resp: 97575

Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.0	6.0#
164	10.1	8.4	12.6

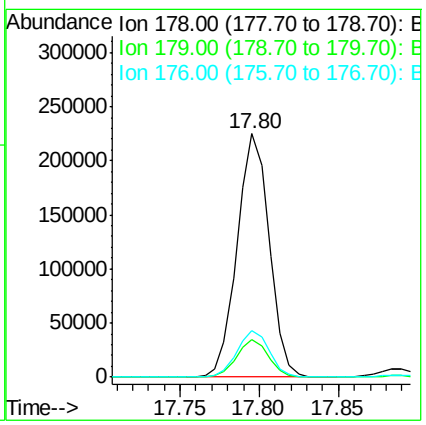


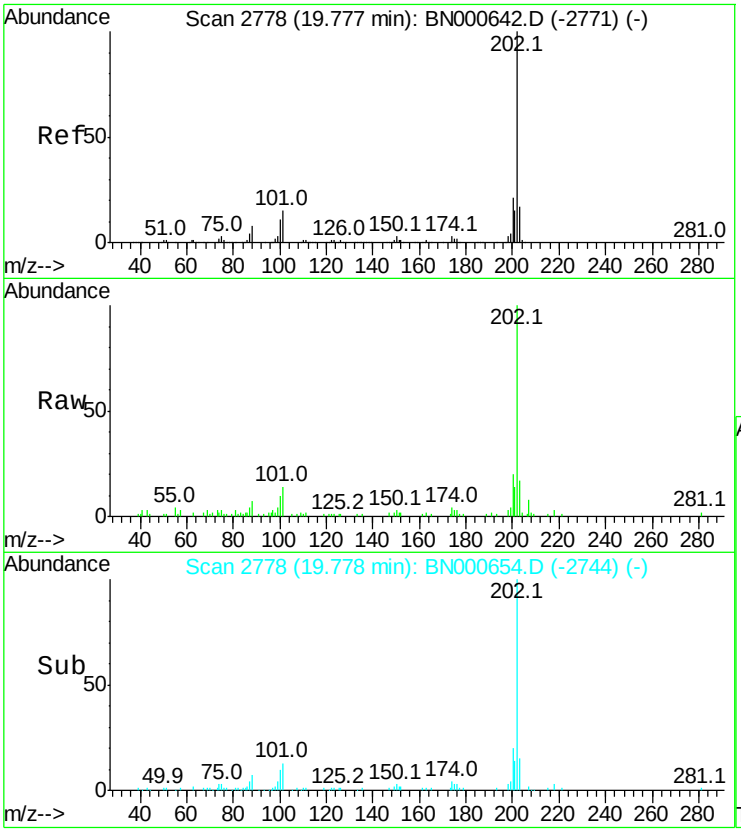


#69
Phenanthrene
Concen: 6.205 ng/ul
RT: 17.80 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BN000654.D
Acq: 27 Mar 2018 19:20

Tgt Ion:178 Resp: 316693

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.1	15.4	23.0



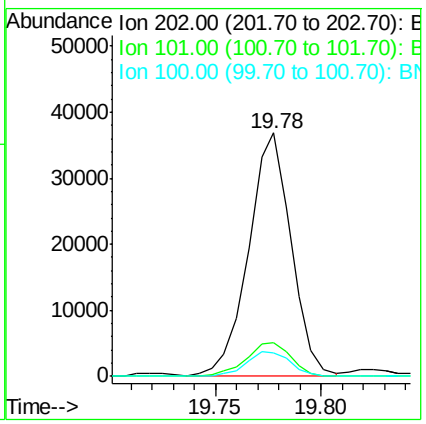


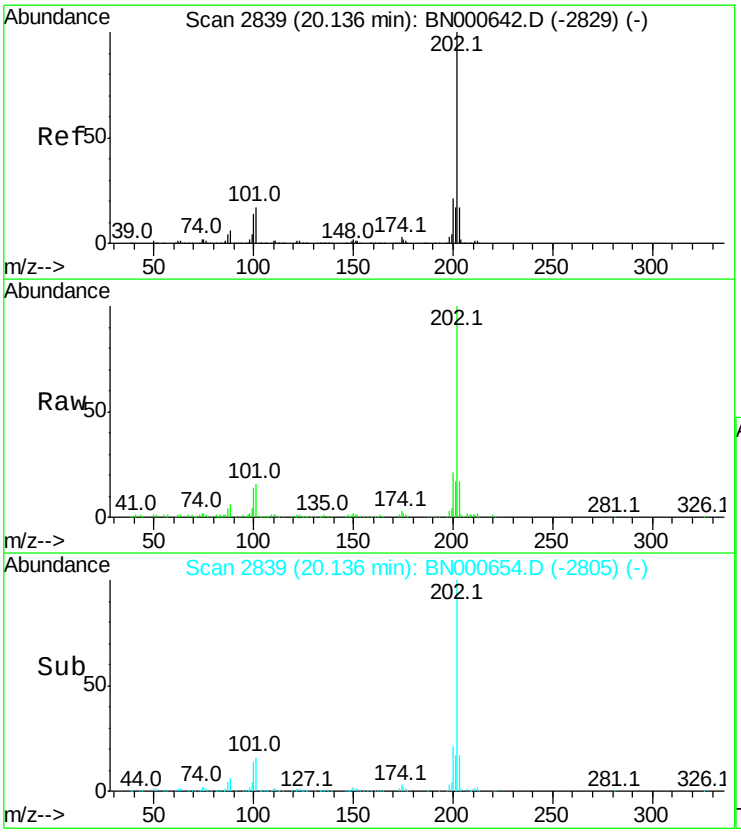
#74
Fluoranthene
Concen: 1.018 ng/ul
RT: 19.78 min Scan# 2778
Delta R.T. 0.00 min
Lab File: BN000654.D
Acq: 27 Mar 2018 19:20

Instrument :
BNA_N
ClientSampleId :
C0AS8

Tgt Ion:202 Resp: 51651

Ion	Ratio	Lower	Upper
202	100		
101	13.7	6.1	9.1#
100	9.6	4.6	7.0#

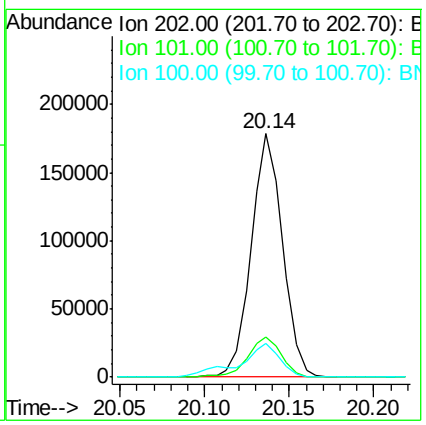


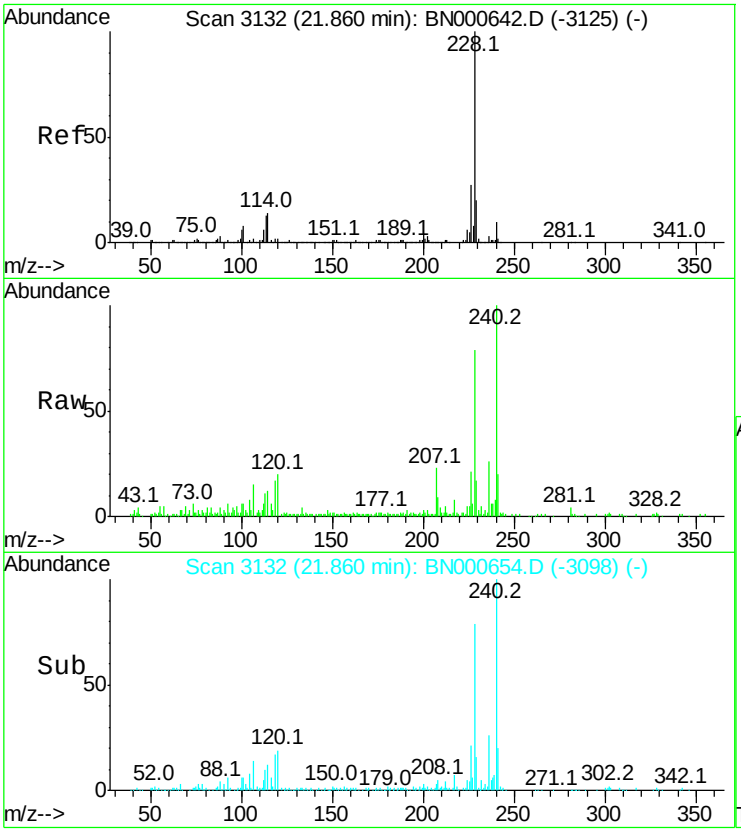


#77
Pyrene
Concen: 4.225 ng/ul
RT: 20.14 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BN000654.D
Acq: 27 Mar 2018 19:20

Tgt Ion:202 Resp: 230629

Ion	Ratio	Lower	Upper
202	100		
101	16.4	6.9	10.3#
100	13.8	5.6	8.4#



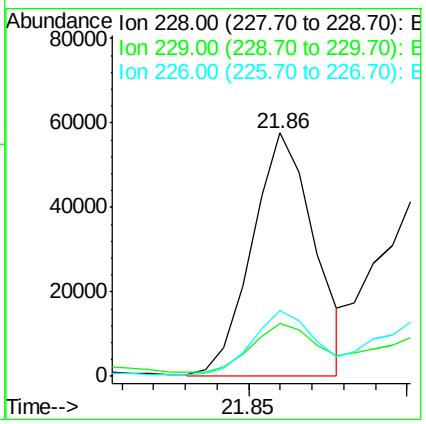


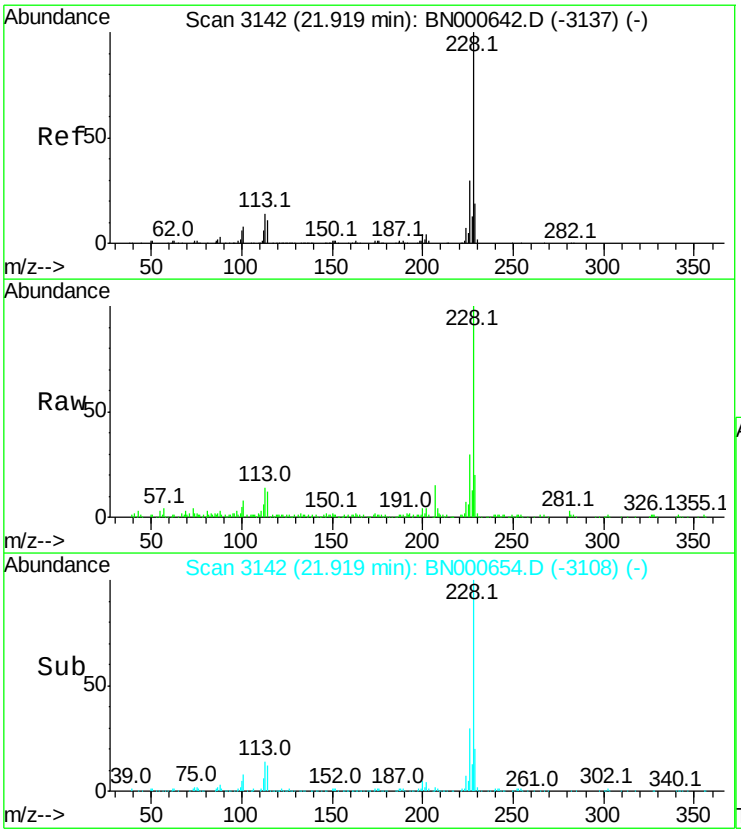
#80
Benzo(a)anthracene
Concen: 1.582 ng/ul
RT: 21.86 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BN000654.D
Acq: 27 Mar 2018 19:20

Instrument :
BNA_N
ClientSampleId :
C0AS8

Tgt Ion:228 Resp: 78771

Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.0	24.0
226	26.8	21.8	32.8

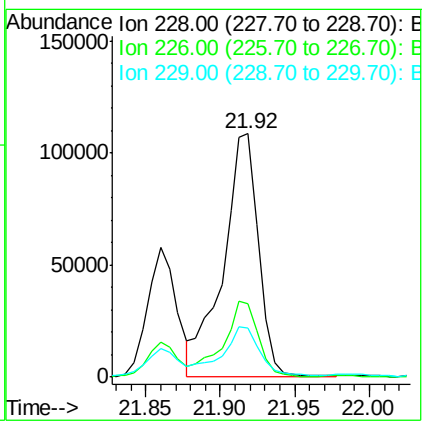


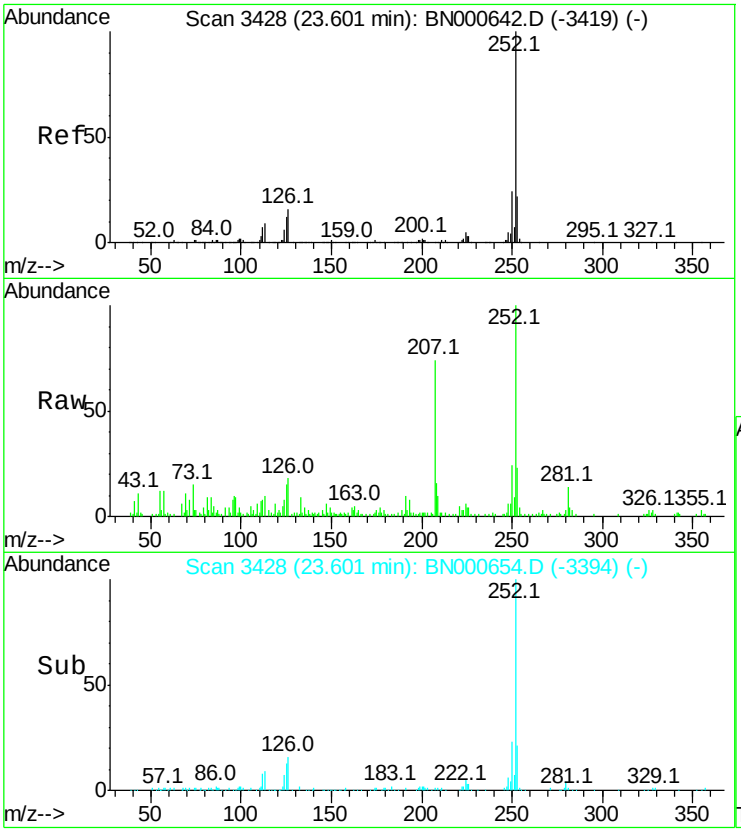


#82
Chrysene
Concen: 3.837 ng/ul
RT: 21.92 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BN000654.D
Acq: 27 Mar 2018 19:20

Tgt Ion:228 Resp: 179110

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	20.4	16.0	24.0



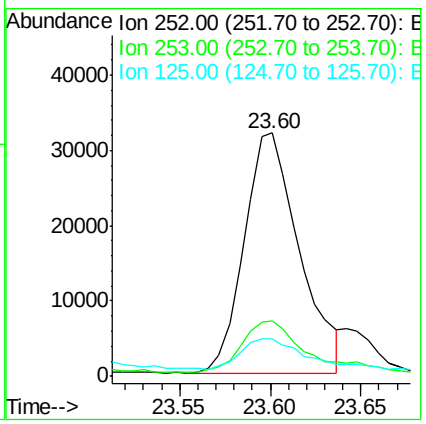


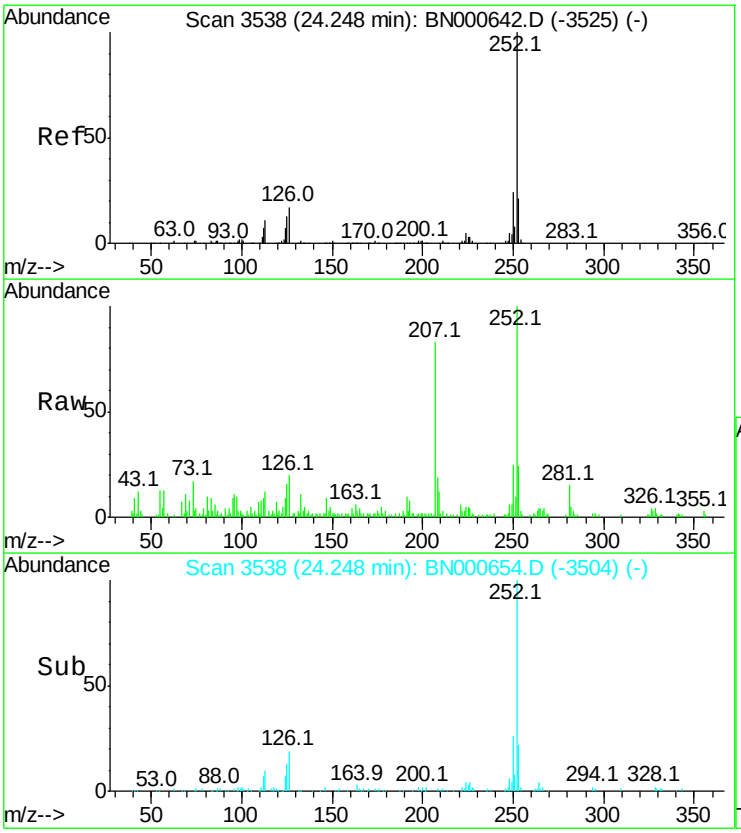
#85
Benzo(b)fluoranthene
Concen: 1.836 ng/ul
RT: 23.60 min Scan# 3428
Delta R.T. 0.00 min
Lab File: BN000654.D
Acq: 27 Mar 2018 19:20

Instrument :
BNA_N
ClientSampleId :
C0AS8

Tgt Ion:252 Resp: 68027

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	15.3	4.9	7.3#

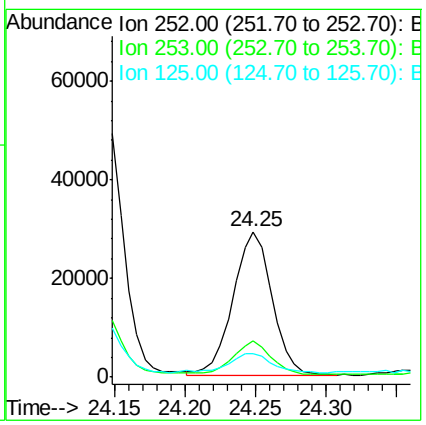


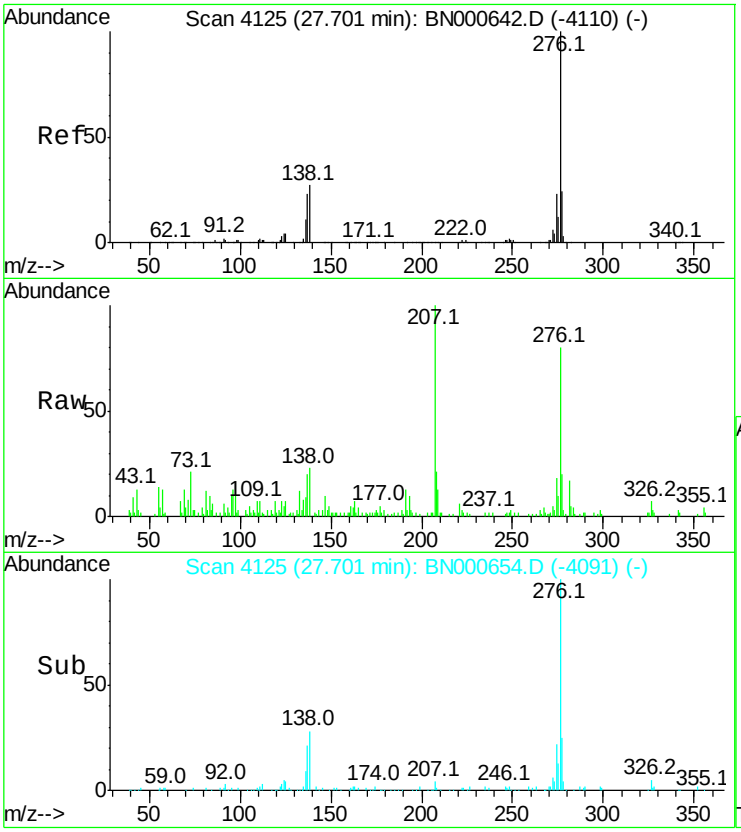


#88
Benzo(a)pyrene
Concen: 1.614 ng/ul
RT: 24.25 min Scan# 3538
Delta R.T. 0.00 min
Lab File: BN000654.D
Acq: 27 Mar 2018 19:20

Tgt Ion:252 Resp: 56276

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.2	25.8
125	16.0	5.8	8.6#





#91
Benzo(g,h,i)perylene
Concen: 2.159 ng/ul
RT: 27.70 min Scan# 4125
Delta R.T. 0.00 min
Lab File: BN000654.D
Acq: 27 Mar 2018 19:20

Instrument :
BNA_N
ClientSampleId :
C0AS8

Tgt Ion:276 Resp: 67443

Ion	Ratio	Lower	Upper
276	100		
138	28.4	11.2	16.8#
277	24.9	19.0	28.6