Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
Data File : BN004172.D
Acq On : 21 Dec 2018 22:13
Operator : JU/SJ
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

Quant Time: Dec 22 05:26:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 22 04:57:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	34826	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	155794	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	91530	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	199726	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	242021	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	248269	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	743	1.40	ng/uL	0.00
5) Phenol-d5	6.99	99	26052	7.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	18198	9.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	24771	9.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	23812	8.30	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	12895	10.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	15154	10.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	26735	10.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	30803	12.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	92080	11.27	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	116591	12.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	10974	6.50	ng/ul	0.00
57) Fluorene-d10	15.46	176	84027	11.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	11929	8.29	ng/ul	0.01
70) Anthracene-d10	17.32	188	129032	12.79	ng/ul	0.00
78) Pyrene-d10	19.61	212	148067	13.68	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	174191	12.93	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.02	94	5635	1.631	ng/ul	98
34) 2-Methylnaphthalene	12.28	142	54509	8.659	ng/ul	99
44) Dimethylphthalate	13.92	163	18644	2.337	ng/ul#	90
49) Acenaphthene	14.53	153	25268	3.843	ng/ul#	89
58) Fluorene	15.52	166	35619	4.583	ng/ul#	90
69) Phenanthrene	17.26	178	108691	9.419	ng/ul#	92
76) Fluoranthene	19.27	202	14601	1.032	ng/ul	97
79) Pyrene	19.64	202	20453	1.513	ng/ul#	90

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

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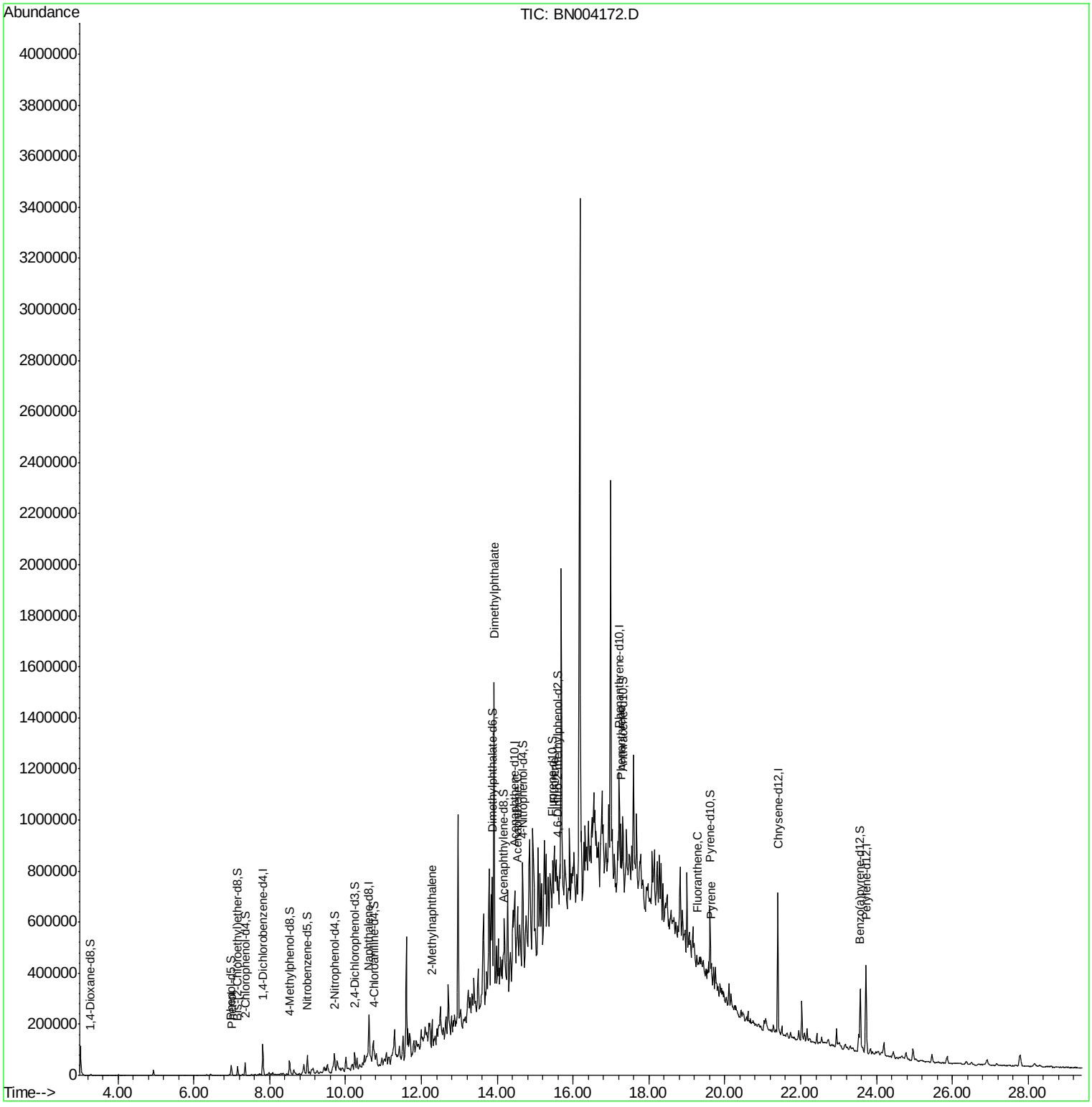
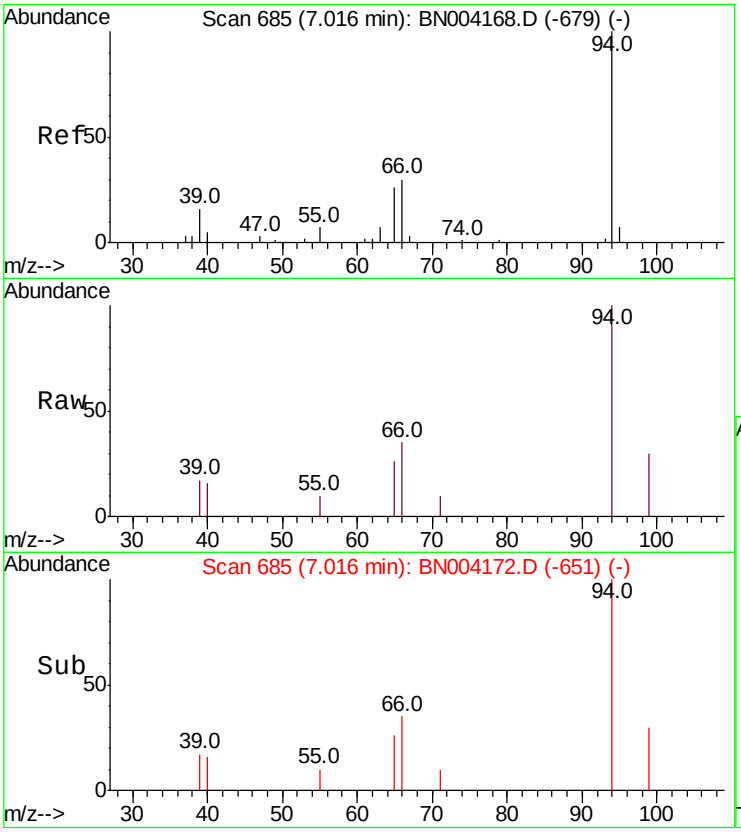


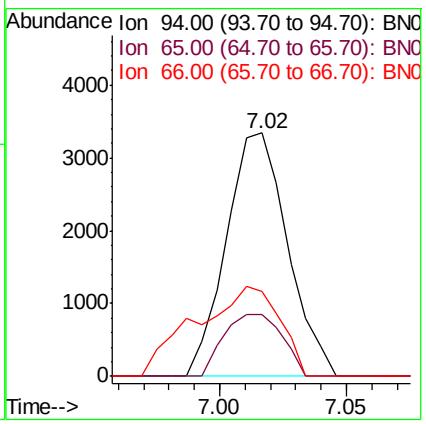


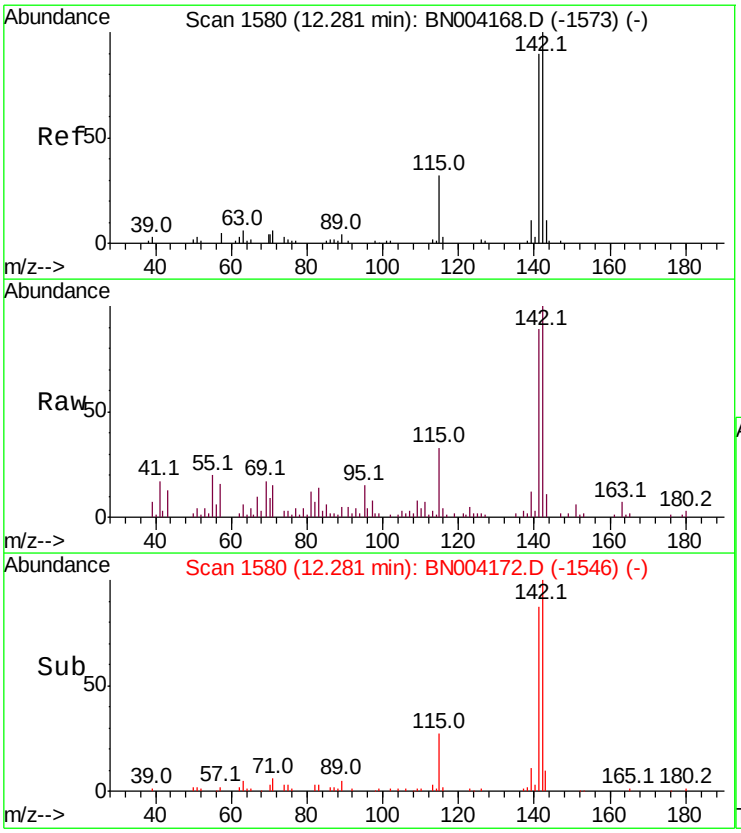
#6
Phenol
Concen: 1.631 ng/ul
RT: 7.02 min Scan# 685
Delta R.T. 0.00 min
Lab File: BN004172.D
Acq: 21 Dec 2018 22:13

Instrument :
BNA_N
ClientSampleId :
F9H34

Tgt Ion: 94 Resp: 5635

Ion	Ratio	Lower	Upper
94	100		
65	25.6	21.2	31.8
66	35.0	26.9	40.3

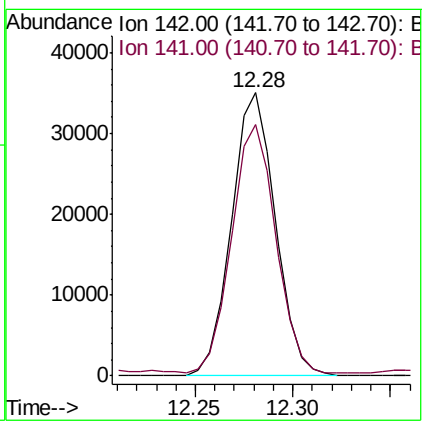


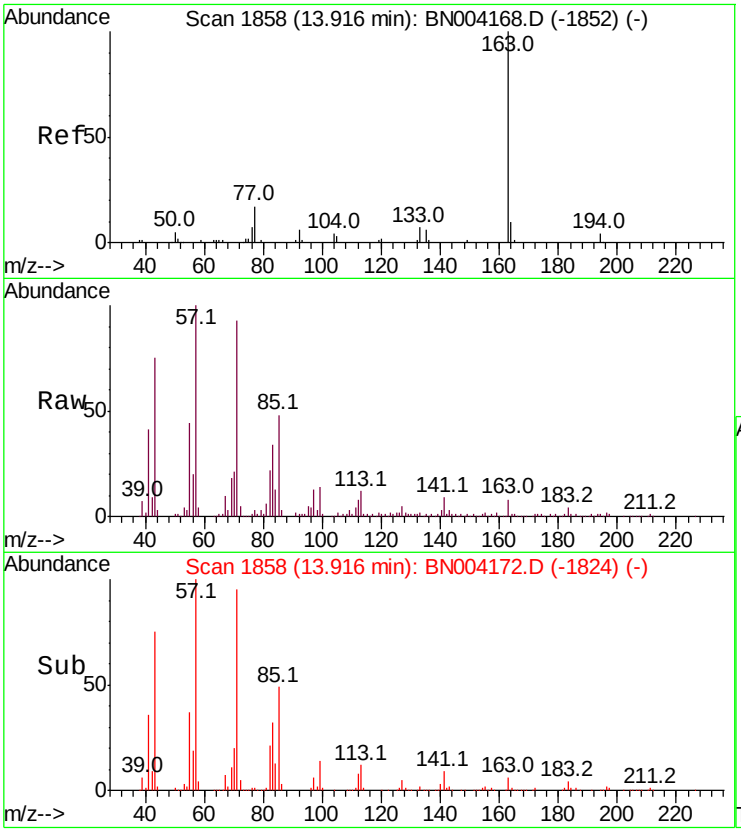


#34
2-Methylnaphthalene
Concen: 8.659 ng/ul
RT: 12.28 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BN004172.D
Acq: 21 Dec 2018 22:13

Tgt Ion:142 Resp: 54509

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.2	105.2



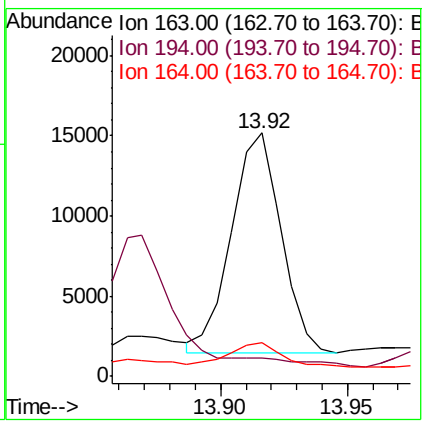


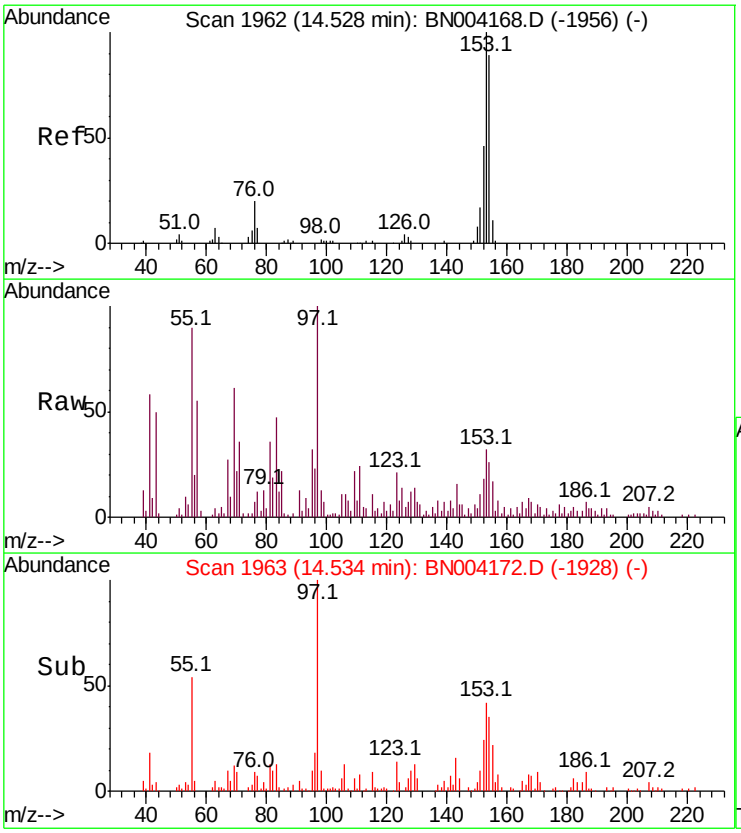
#44
Dimethylphthalate
Concen: 2.337 ng/ul
RT: 13.92 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BN004172.D
Acq: 21 Dec 2018 22:13

Instrument :
BNA_N
ClientSampleId :
F9H34

Tgt Ion:163 Resp: 18644

Ion	Ratio	Lower	Upper
163	100		
194	7.7	3.4	5.0#
164	13.7	7.9	11.9#

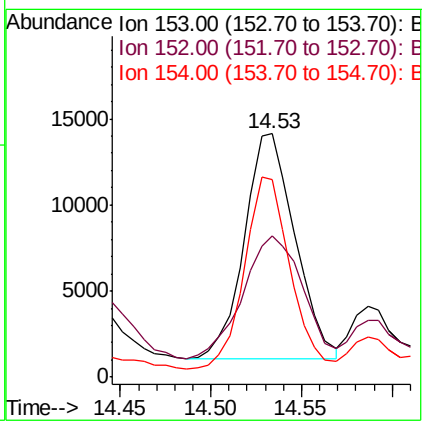


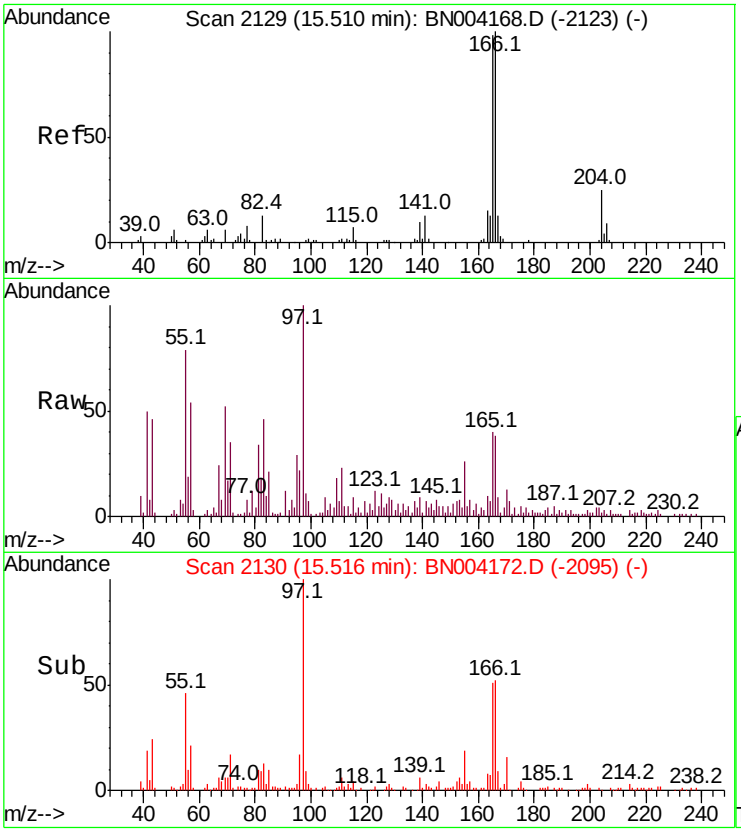


#49
Acenaphthene
Concen: 3.843 ng/ul
RT: 14.53 min Scan# 1963
Delta R.T. 0.01 min
Lab File: BN004172.D
Acq: 21 Dec 2018 22:13

Tgt Ion:153 Resp: 25268

Ion	Ratio	Lower	Upper
153	100		
152	57.8	37.8	56.6#
154	81.3	71.0	106.6



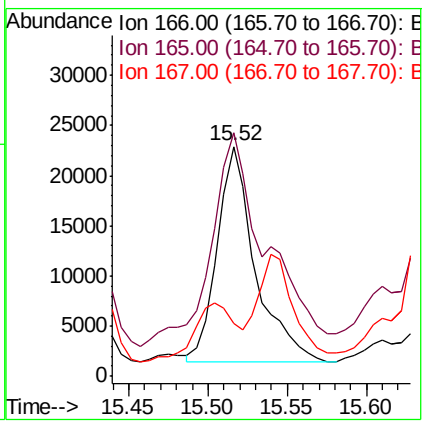


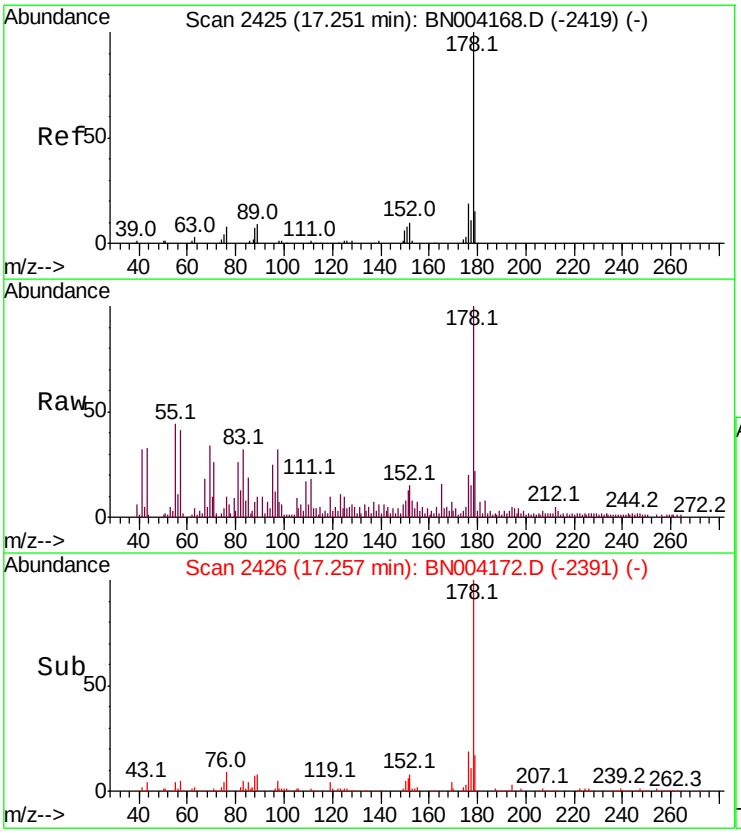
#58
Fluorene
Concen: 4.583 ng/ul
RT: 15.52 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BN004172.D
Acq: 21 Dec 2018 22:13

Instrument :
BNA_N
ClientSampleId :
F9H34

Tgt Ion:166 Resp: 35619

Ion	Ratio	Lower	Upper
166	100		
165	106.0	78.6	117.8
167	23.3	10.3	15.5#

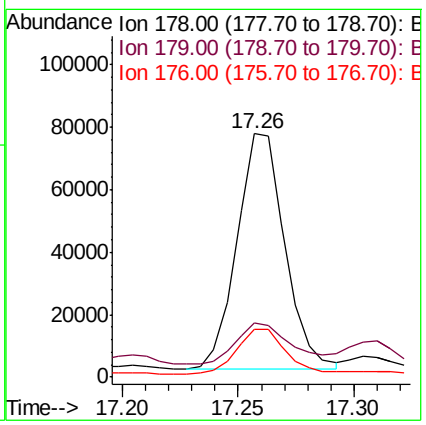


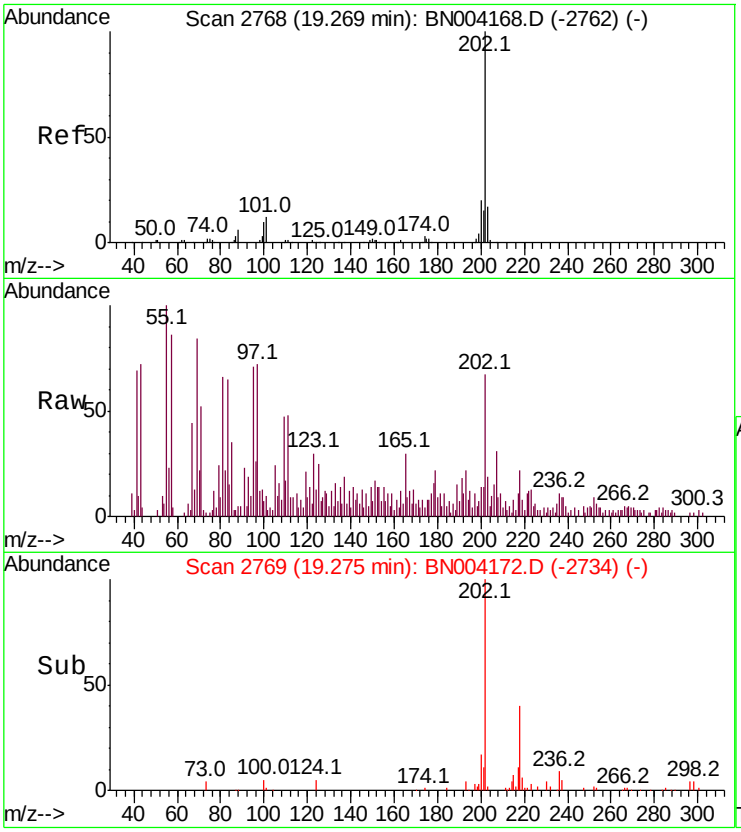


#69
Phenanthrene
Concen: 9.419 ng/ul
RT: 17.26 min Scan# 2426
Delta R.T. 0.01 min
Lab File: BN004172.D
Acq: 21 Dec 2018 22:13

Tgt Ion:178 Resp: 108691

Ion	Ratio	Lower	Upper
178	100		
179	22.1	12.1	18.1#
176	19.5	15.0	22.6



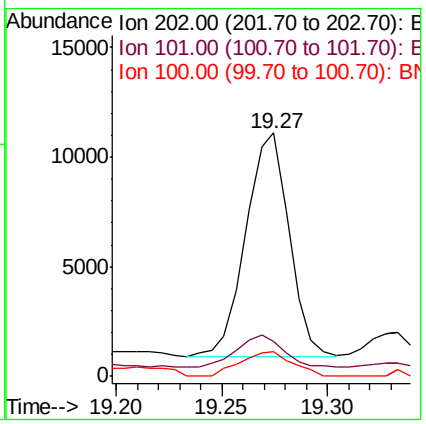


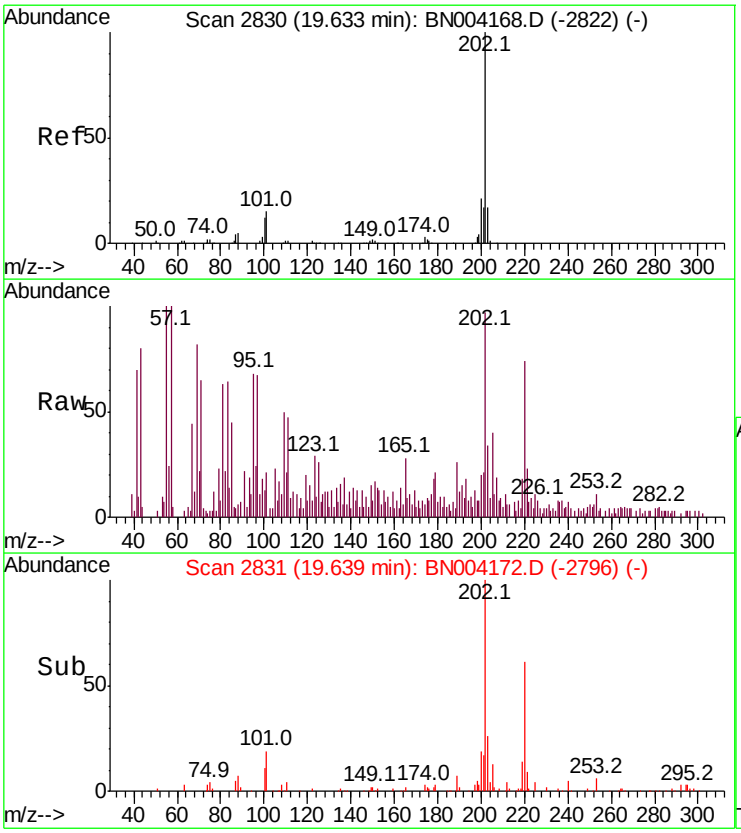
#76
Fluoranthene
Concen: 1.032 ng/ul
RT: 19.27 min Scan# 2769
Delta R.T. 0.01 min
Lab File: BN004172.D
Acq: 21 Dec 2018 22:13

Instrument :
BNA_N
ClientSampleId :
F9H34

Tgt Ion:202 Resp: 14601

Ion	Ratio	Lower	Upper
202	100		
101	14.5	10.2	15.2
100	10.3	7.8	11.8





#79
Pyrene
Concen: 1.513 ng/ul
RT: 19.64 min Scan# 2831
Delta R.T. 0.01 min
Lab File: BN004172.D
Acq: 21 Dec 2018 22:13

Tgt Ion:202 Resp: 20453

Ion	Ratio	Lower	Upper
202	100		
101	21.7	12.2	18.2#
100	13.4	9.9	14.9