Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009599.D
Acq On : 05 Feb 2020 13:14
Operator : CG/JU
Sample : L1271-05MEDL 20X
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GASZ6MEDL

Quant Time: Feb 05 15:31:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	144188	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.19	136	626667	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	395663	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	806648	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	694480	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	776159	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	441	0.13	ng/uL	0.01
5) Phenol-d5	6.65	99	12124	0.96	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.80	67	7883	0.93	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	8529	0.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	7963	0.80	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	4323	0.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	3928	0.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	8875	0.91	ng/ul	0.01
29) 4-Chloroaniline-d4	10.35	131	11291	1.08	ng/ul	0.01
43) Dimethylphthalate-d6	13.50	166	32566	1.13	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	35490	1.02	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.35	143	2085	0.38	ng/ul	0.04
57) Fluorene-d10	15.07	176	28464	1.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	2395	0.48	ng/ul	0.02
70) Anthracene-d10	16.93	188	45734	1.25	ng/ul	0.00
78) Pyrene-d10	19.23	212	51430	1.41	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	45713	1.20	ng/ul	0.00
Target Compounds						Qvalue
34) 2-Methylnaphthalene	11.86	142	624173	26.245	ng/ul	99
40) 1,1'-Biphenyl	12.90	154	53900	1.750	ng/ul	94
47) Acenaphthylene	13.79	152	126090	3.301	ng/ul	98
58) Fluorene	15.13	166	80123	2.652	ng/ul	95
69) Phenanthrene	16.87	178	512062	11.131	ng/ul	99
76) Fluoranthene	18.90	202	85655	1.631	ng/ul#	96
79) Pyrene	19.26	202	128936	2.543	ng/ul	98

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

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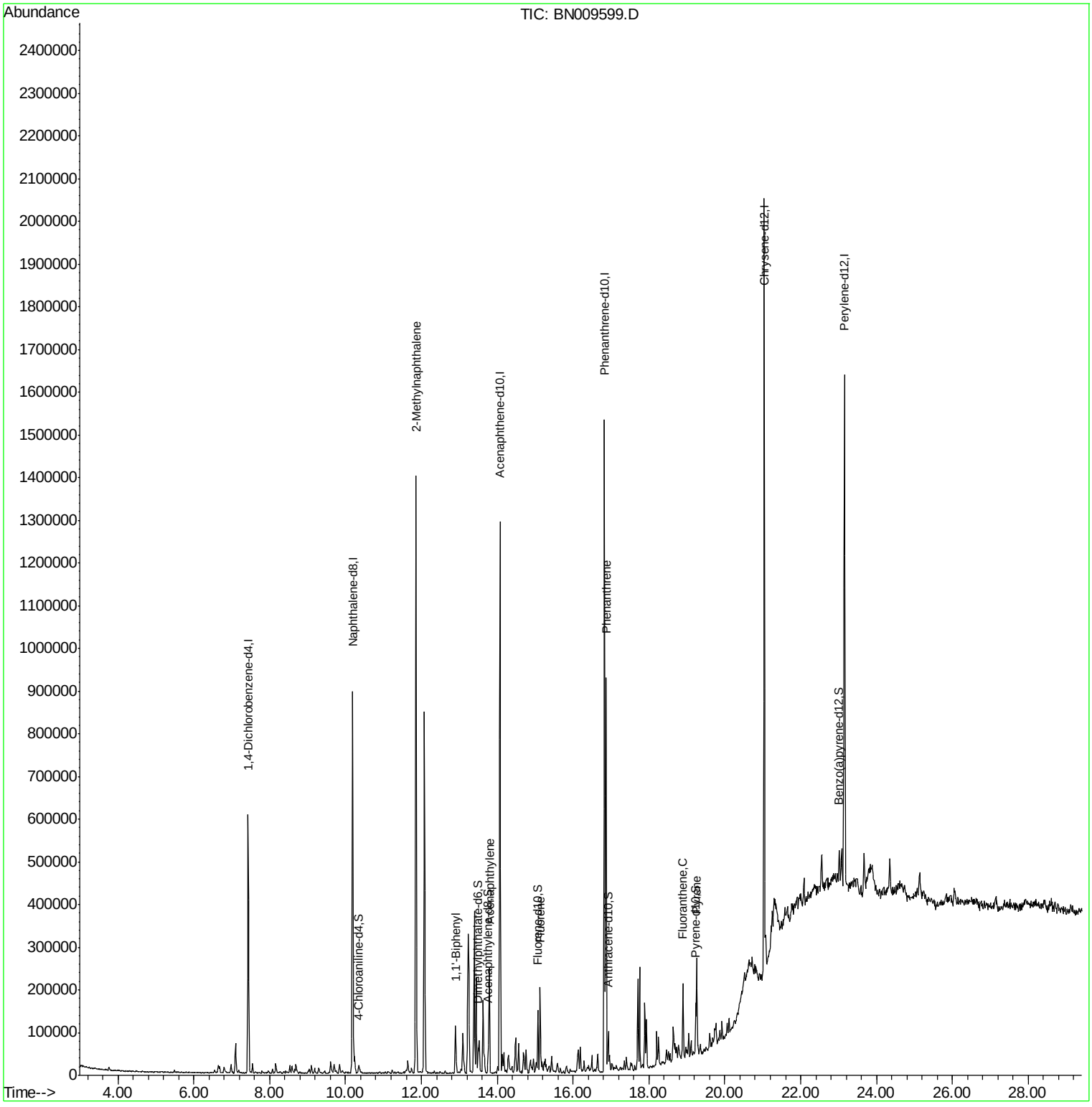
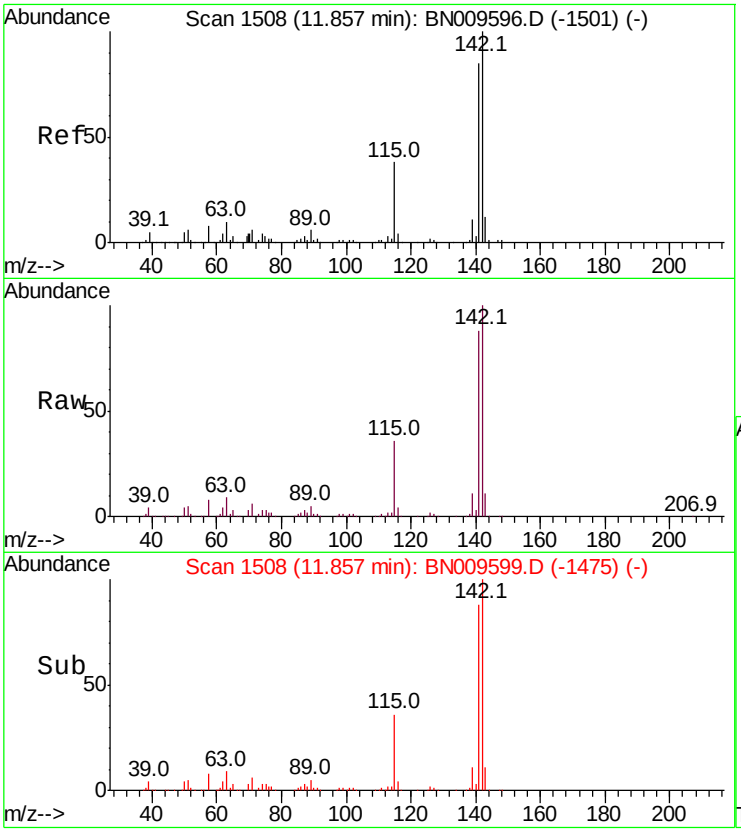


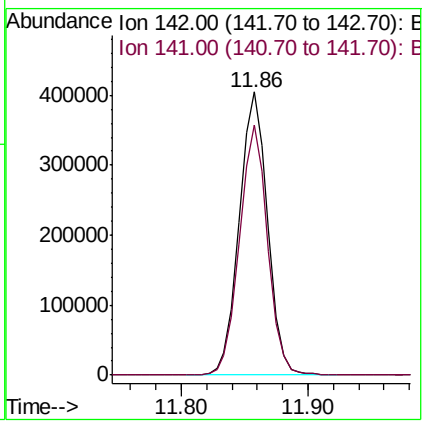


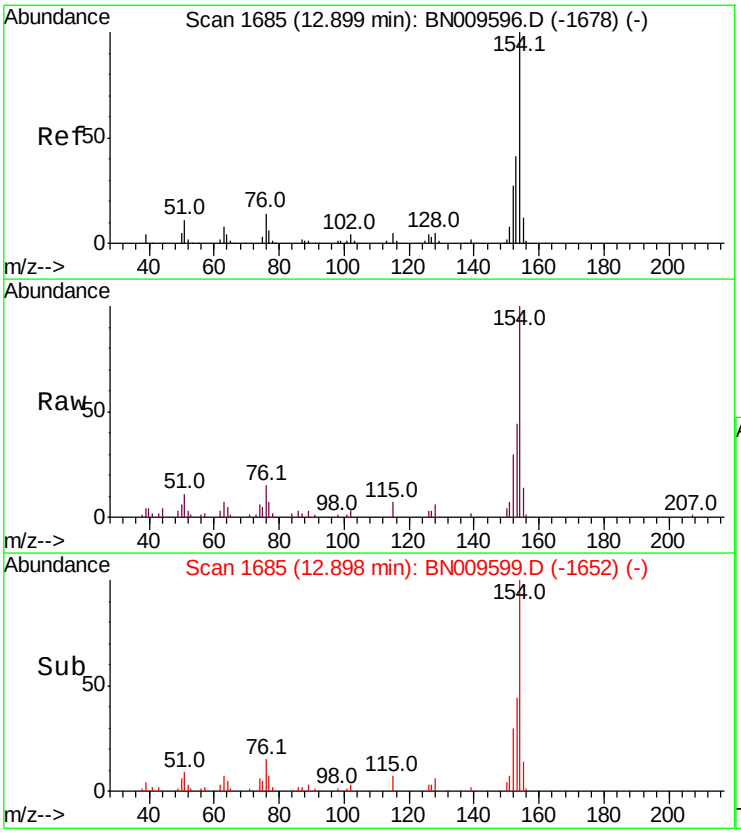
#34
2-Methylnaphthalene
Concen: 26.245 ng/ul
RT: 11.86 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BN009599.D
Acq: 05 Feb 2020 13:14

Instrument :
BNA_N
ClientSampleId :
GASZ6MEDL

Tgt Ion:142 Resp: 624173

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.5	107.3

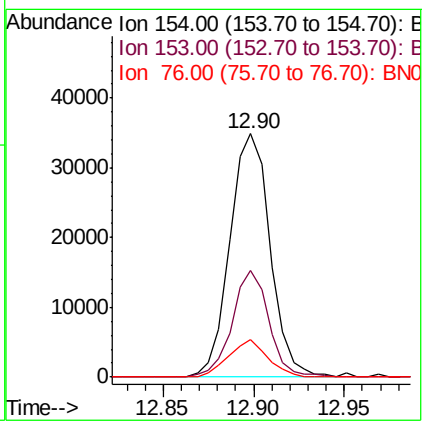


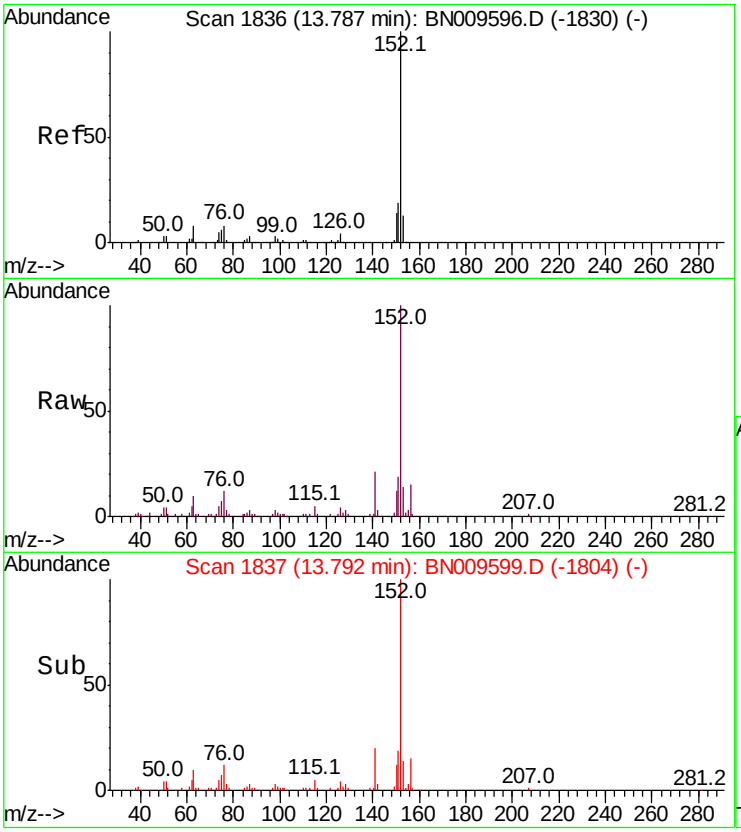


#40
1,1'-Biphenyl
Concen: 1.750 ng/ul
RT: 12.90 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BN009599.D
Acq: 05 Feb 2020 13:14

Tgt Ion:154 Resp: 53900

Ion	Ratio	Lower	Upper
154	100		
153	43.7	31.2	46.8
76	15.3	11.4	17.2



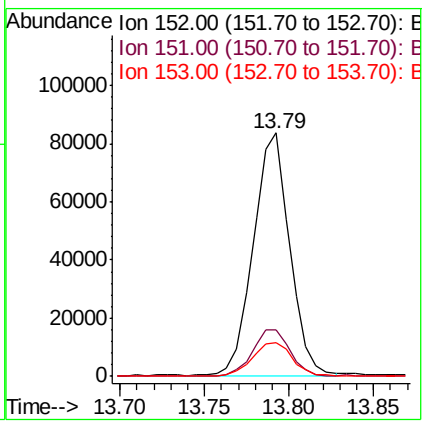


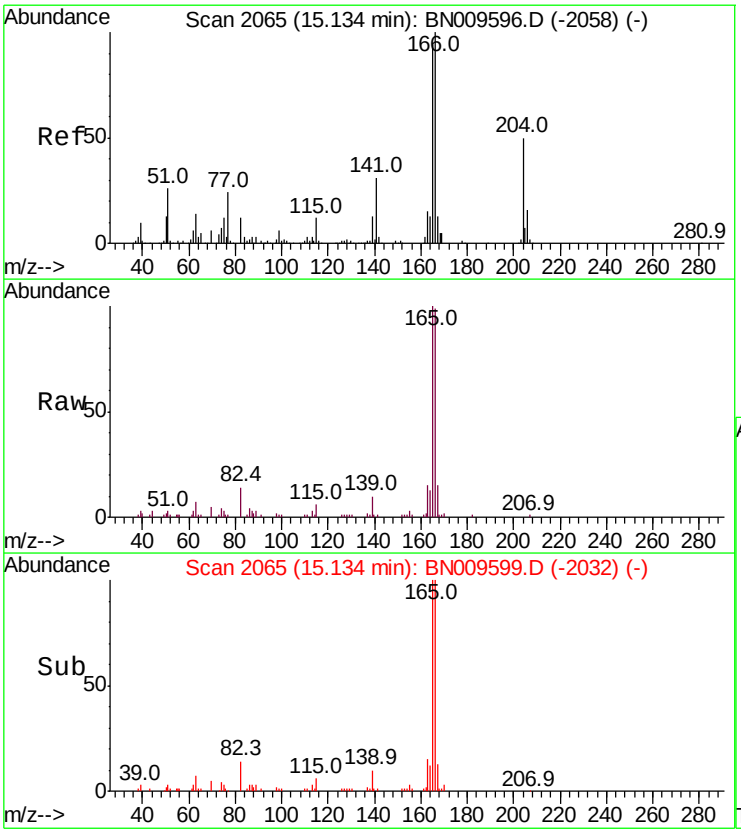
#47
Acenaphthylene
Concen: 3.301 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BN009599.D
Acq: 05 Feb 2020 13:14

Instrument :
BNA_N
ClientSampleId :
GASZ6MEDL

Tgt Ion:152 Resp: 126090

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.2
153	14.0	10.6	15.8

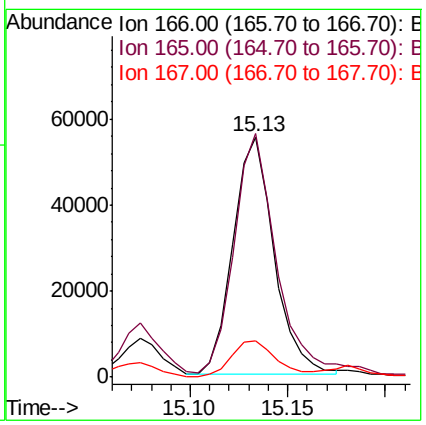


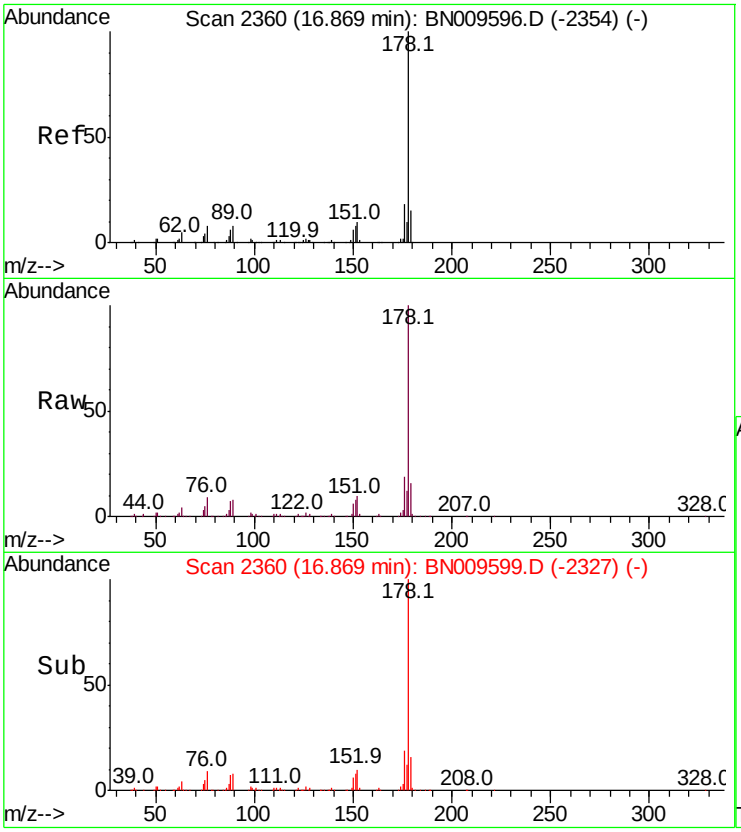


#58
Fluorene
Concen: 2.652 ng/ul
RT: 15.13 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BN009599.D
Acq: 05 Feb 2020 13:14

Tgt Ion:166 Resp: 80123

Ion	Ratio	Lower	Upper
166	100		
165	101.3	76.7	115.1
167	15.2	11.1	16.7



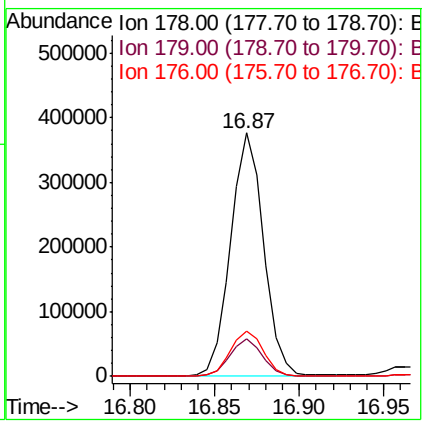


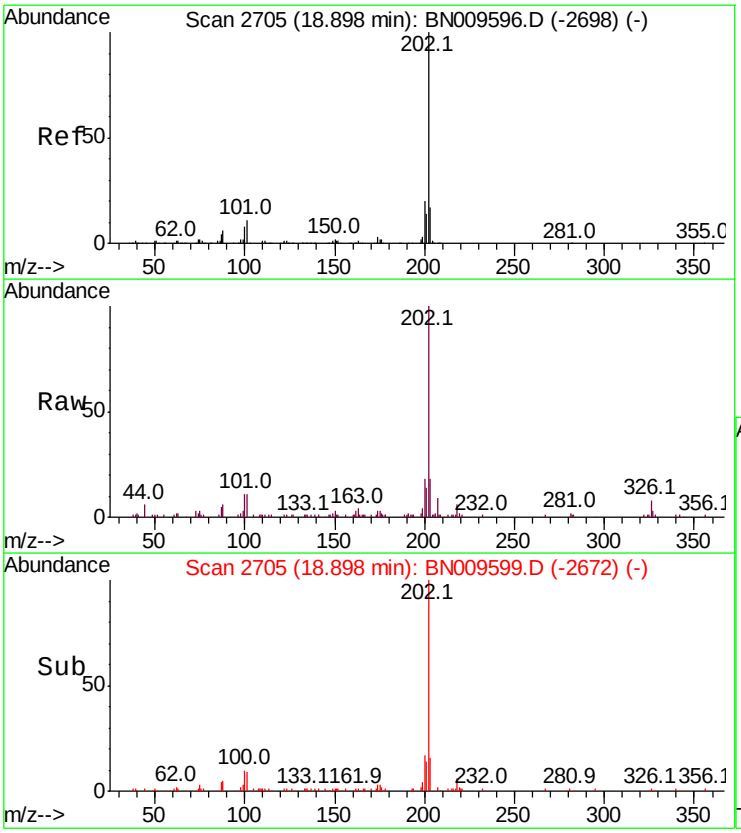
#69
Phenanthrene
Concen: 11.131 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. -0.01 min
Lab File: BN009599.D
Acq: 05 Feb 2020 13:14

Instrument :
BNA_N
ClientSampleId :
GASZ6MEDL

Tgt Ion:178 Resp: 512062

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	18.8	14.8	22.2

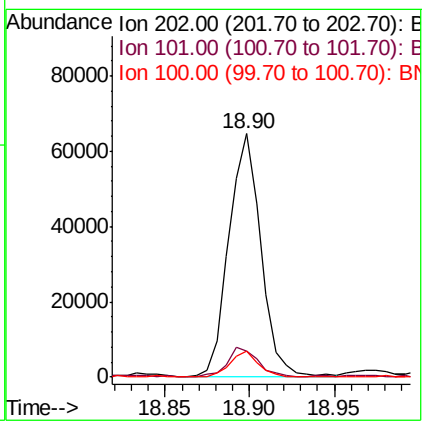


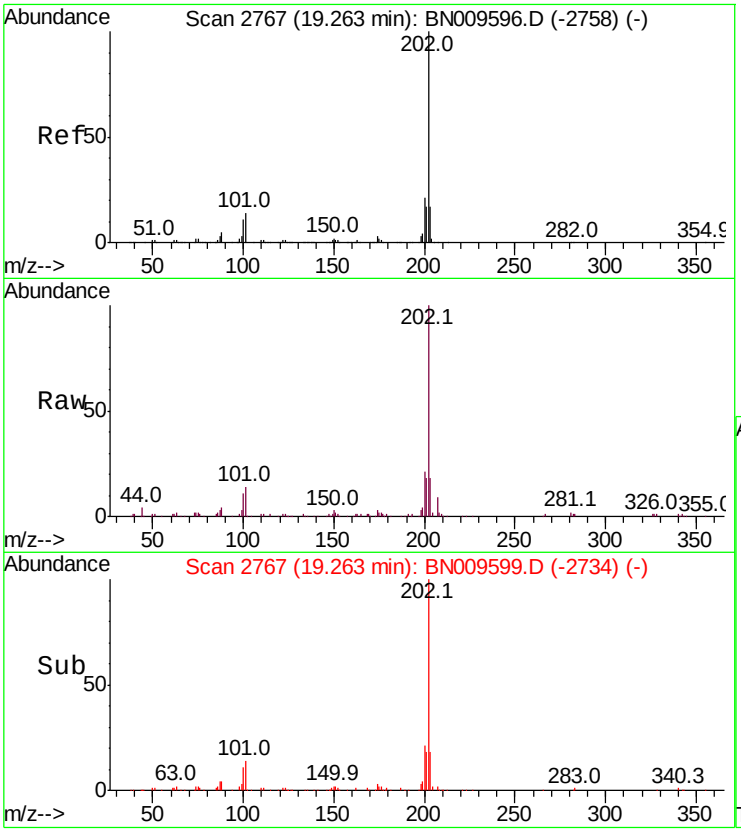


#76
Fluoranthene
Concen: 1.631 ng/ul
RT: 18.90 min Scan# 2705
Delta R.T. -0.01 min
Lab File: BN009599.D
Acq: 05 Feb 2020 13:14

Tgt Ion:202 Resp: 85655

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.2	13.8
100	10.9	6.9	10.3#





#79
Pyrene
Concen: 2.543 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BN009599.D
Acq: 05 Feb 2020 13:14

Instrument :
BNA_N
ClientSampleId :
GASZ6MEDL

Tgt Ion:202 Resp: 128936

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.3	15.5
100	11.1	8.4	12.6