Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009473.D
Acq On : 29 Jan 2020 12:48
Operator : CG/JU
Sample : L1193-13MEDL 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GASP4MEDL

Quant Time: Jan 29 13:29:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	207887	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.20	136	910310	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.09	164	566612	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.84	188	1156744	20.00	ng/ul	-0.01
77) Chrysene-d12	21.05	240	985643	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	1034887	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	529	0.11	ng/uL	0.00
5) Phenol-d5	6.65	99	13329	0.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	10650	0.81	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.99	132	11628	0.86	ng/ul	-0.01
13) 4-Methylphenol-d8	8.17	113	10832	0.74	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	5199	0.79	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.31	143	4970	0.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	10505	0.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	14228	0.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.52	166	43730	1.04	ng/ul	0.00
46) Acenaphthylene-d8	13.77	160	45393	0.91	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.35	143	2223	0.28	ng/ul	0.03
57) Fluorene-d10	15.09	176	36744	1.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	2405	0.34	ng/ul	0.00
70) Anthracene-d10	16.94	188	55353	1.03	ng/ul	0.00
78) Pyrene-d10	19.25	212	55649	1.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.04	264	51206	0.98	ng/ul	0.00
Target Compounds						Qvalue
34) 2-Methylnaphthalene	11.88	142	881018	26.124	ng/ul	99
47) Acenaphthylene	13.80	152	93676	1.744	ng/ul	97
58) Fluorene	15.15	166	90905	2.131	ng/ul	98
69) Phenanthrene	16.89	178	598393	9.168	ng/ul	97
76) Fluoranthene	18.91	202	89383	1.195	ng/ul	99
79) Pyrene	19.27	202	144280	2.022	ng/ul	100

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

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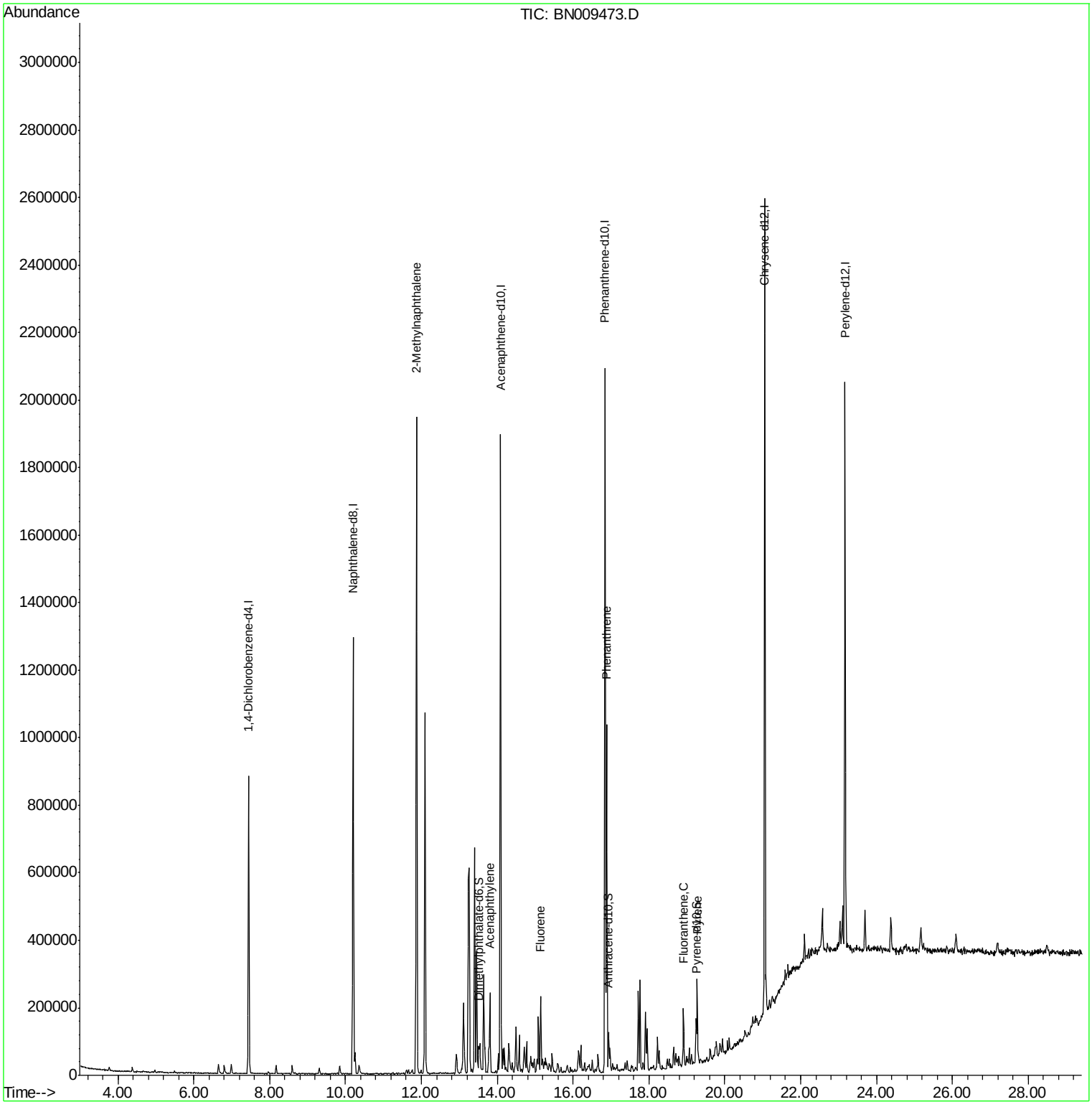
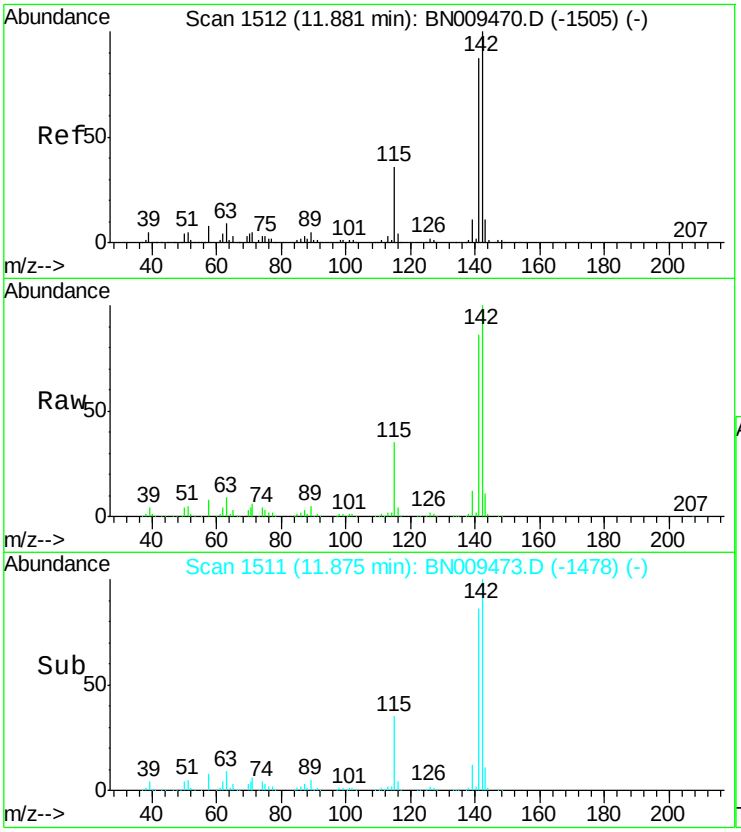


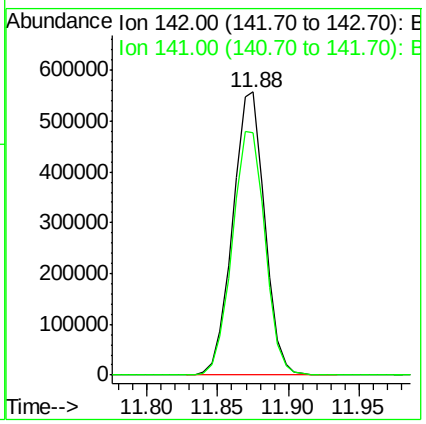


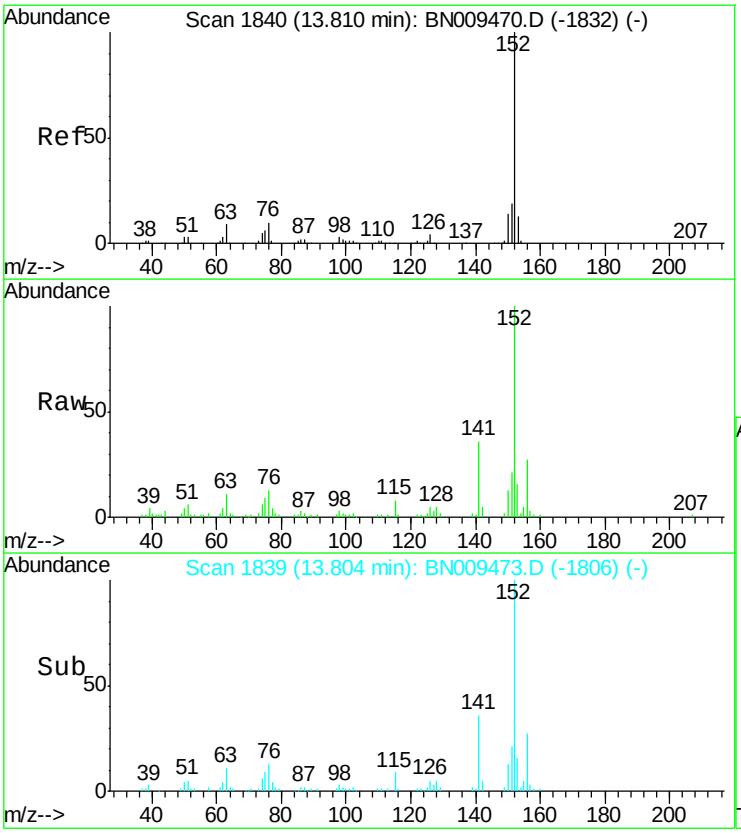
#34
2-Methylnaphthalene
Concen: 26.124 ng/ul
RT: 11.88 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BN009473.D
Acq: 29 Jan 2020 12:48

Instrument :
BNA_N
ClientSampleId :
GASP4MEDL

Tgt Ion:142 Resp: 881018

Ion	Ratio	Lower	Upper
142	100		
141	85.7	69.3	103.9

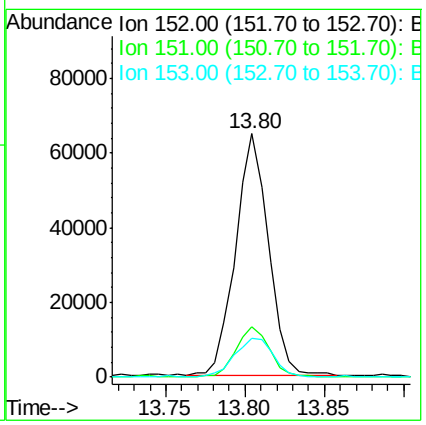


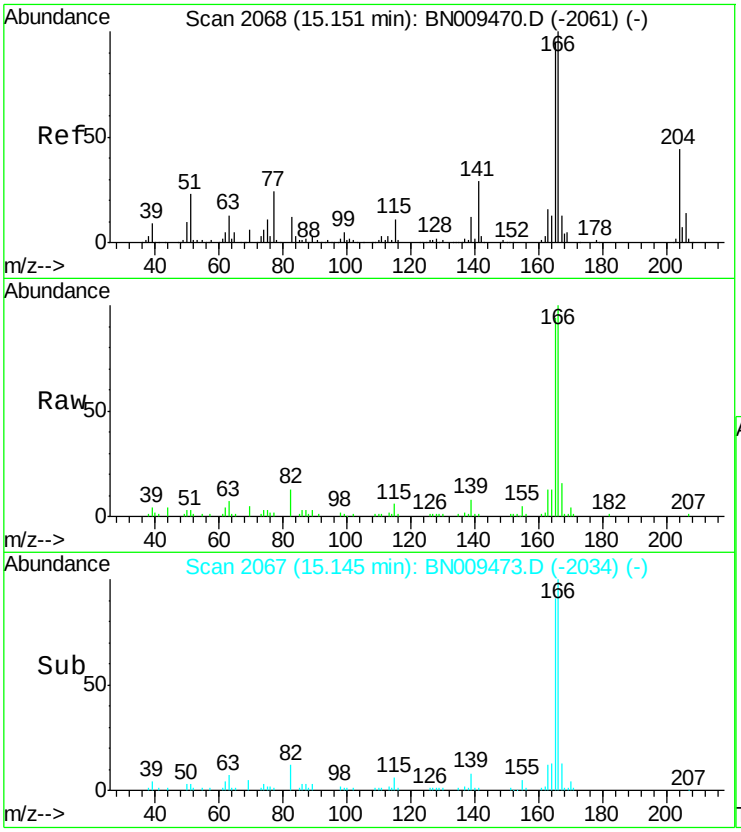


#47
Acenaphthylene
Concen: 1.744 ng/ul
RT: 13.80 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BN009473.D
Acq: 29 Jan 2020 12:48

Tgt Ion:152 Resp: 93676

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.4
153	16.1	10.8	16.2



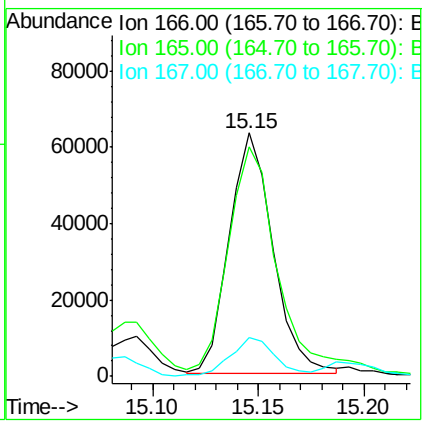


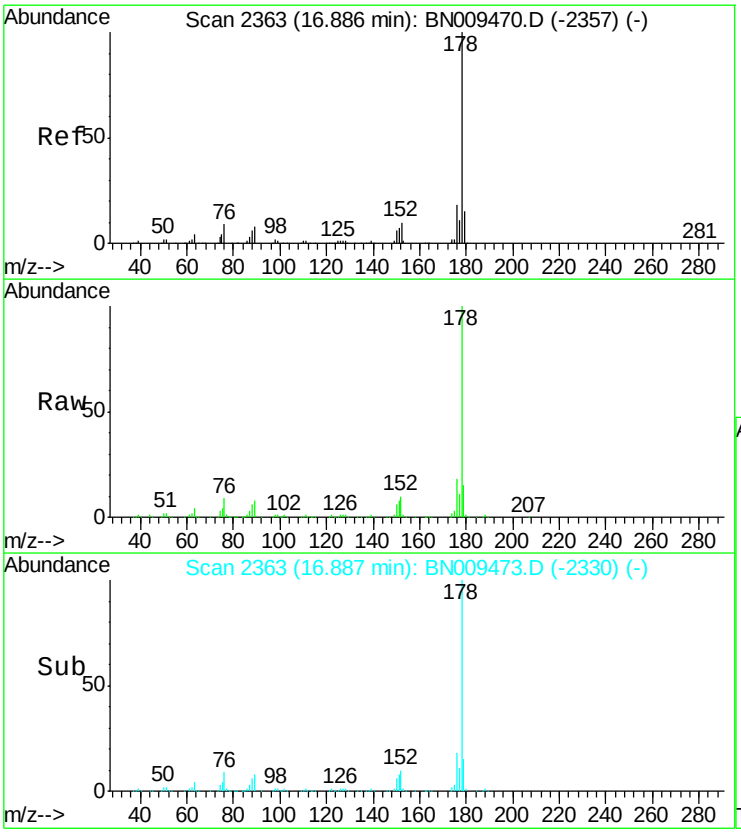
#58
Fluorene
Concen: 2.131 ng/ul
RT: 15.15 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BN009473.D
Acq: 29 Jan 2020 12:48

Instrument :
BNA_N
ClientSampleId :
GASP4MEDL

Tgt Ion:166 Resp: 90905

Ion	Ratio	Lower	Upper
166	100		
165	94.1	76.5	114.7
167	16.1	10.9	16.3

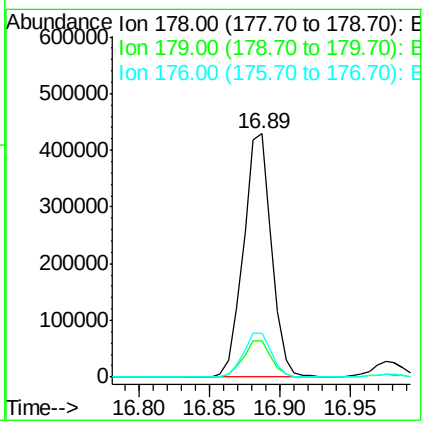


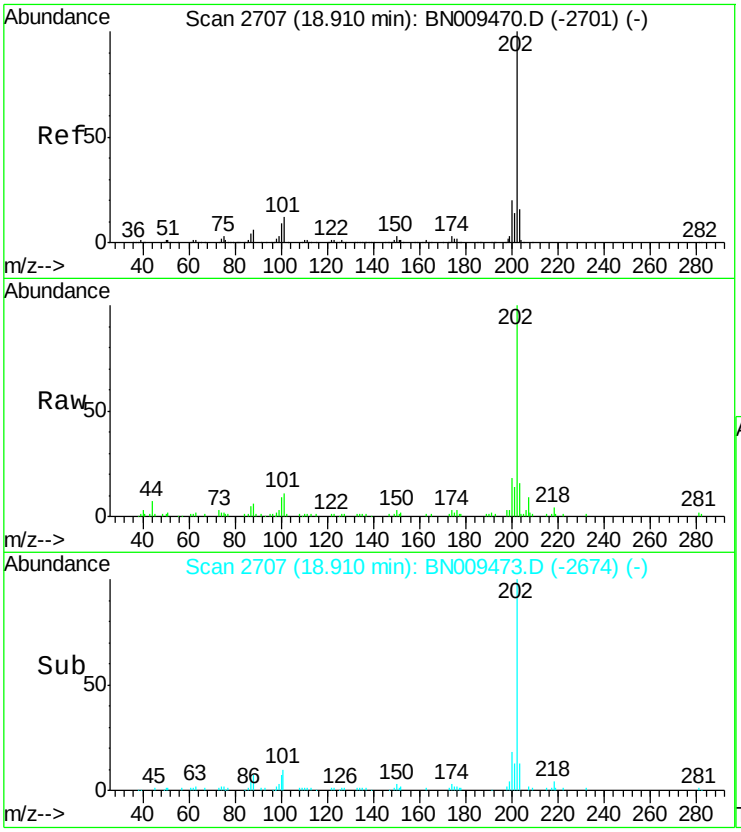


#69
Phenanthrene
Concen: 9.168 ng/ul
RT: 16.89 min Scan# 2363
Delta R.T. -0.01 min
Lab File: BN009473.D
Acq: 29 Jan 2020 12:48

Tgt Ion:178 Resp: 598393

Ion	Ratio	Lower	Upper
178	100		
179	15.1	13.3	19.9
176	18.2	15.5	23.3



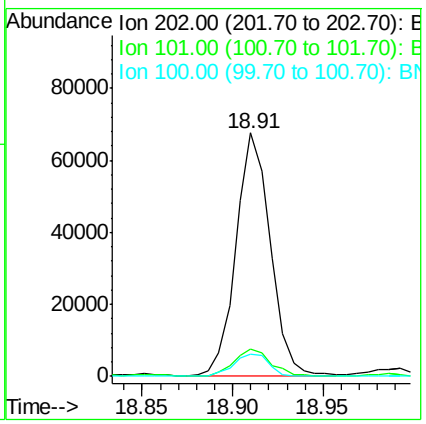


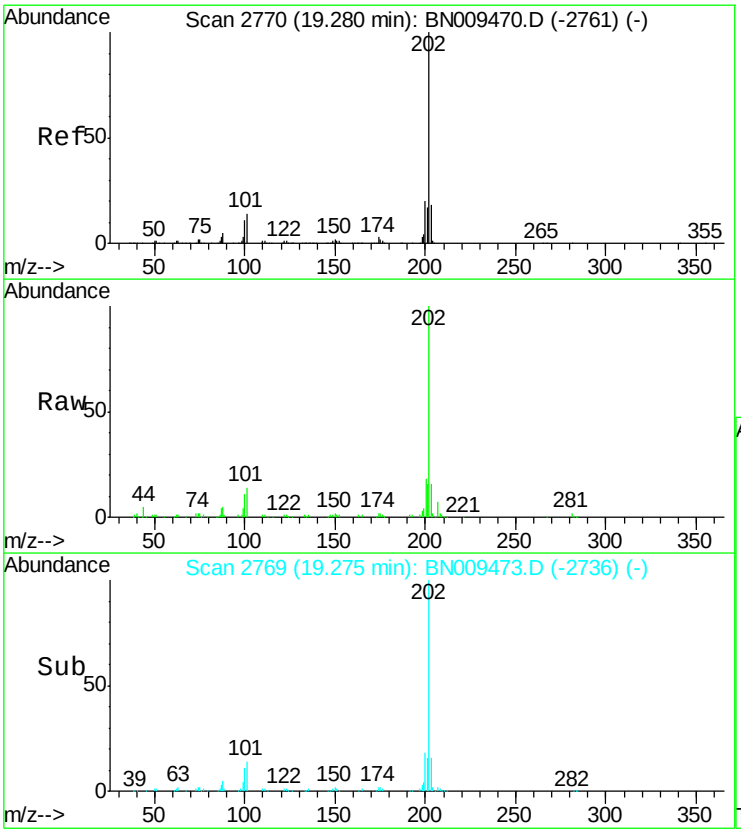
#76
Fluoranthene
Concen: 1.195 ng/ul
RT: 18.91 min Scan# 2707
Delta R.T. -0.01 min
Lab File: BN009473.D
Acq: 29 Jan 2020 12:48

Instrument :
BNA_N
ClientSampleId :
GASP4MEDL

Tgt Ion:202 Resp: 89383

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.7	14.5
100	8.9	7.1	10.7





#79
Pyrene
Concen: 2.022 ng/ul
RT: 19.27 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BN009473.D
Acq: 29 Jan 2020 12:48

Tgt Ion:202 Resp: 144280

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.9	16.3
100	10.7	8.6	12.8