Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009455.D
Acq On : 28 Jan 2020 17:37
Operator : CG/JU
Sample : L1193-12DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASP3DL

Manual Integrations APPROVED
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1/30/2020 8:03:47 AM

Quant Time: Jan 29 00:19:17 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	7.46	152	197887	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	813815	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.09	164	475336	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	947944	20.00	ng/ul	0.00
77) Chrysene-d12	21.06	240	802327	20.00	ng/ul	0.00
85) Perylene-d12	23.19	264	901195	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	7133	1.49	ng/uL	0.00
5) Phenol-d5	6.66	99	162866	9.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	109657	8.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	125909	9.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	130089	9.31	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	63424	10.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	69956	11.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	131535	10.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	52900	3.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.52	166	405272	11.52	ng/ul	0.00
46) Acenaphthylene-d8	13.78	160	480723	11.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	61866	9.45	ng/ul	0.00
57) Fluorene-d10	15.10	176	342456	11.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	44319	7.72	ng/ul	0.00
70) Anthracene-d10	16.95	188	497468	11.34	ng/ul	0.00
78) Pyrene-d10	19.25	212	518538	12.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.05	264	500759	11.01	ng/ul	0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.56	163	82568	2.280	ng/ul	97
47) Acenaphthylene	13.81	152	2092515	46.436	ng/ul	99
58) Fluorene	15.17	166	155083	4.333	ng/ul#	44
71) Anthracene	16.98	178	711056	13.057	ng/ul	98
76) Fluoranthene	18.92	202	88588m	1.445	ng/ul	
79) Pyrene	19.28	202	717559	12.352	ng/ul	98
82) Benzo(a)anthracene	21.05	228	197432	3.614	ng/ul#	1
84) Chrysene	21.07	228	410569	7.714	ng/ul#	79
87) Benzo(b)fluoranthene	22.56	252	953553m	16.734	ng/ul	
88) Benzo(k)fluoranthene	22.59	252	176096m	3.143	ng/ul	
90) Benzo(a)pyrene	23.09	252	1211347	23.683	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.26	276	878815	14.178	ng/ul#	95
92) Dibenzo(a,h)anthracene	25.26	278	315240	6.028	ng/ul#	87
93) Benzo(g,h,i)perylene	25.90	276	712049	13.811	ng/ul	97

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

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Misc :
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Instrument :
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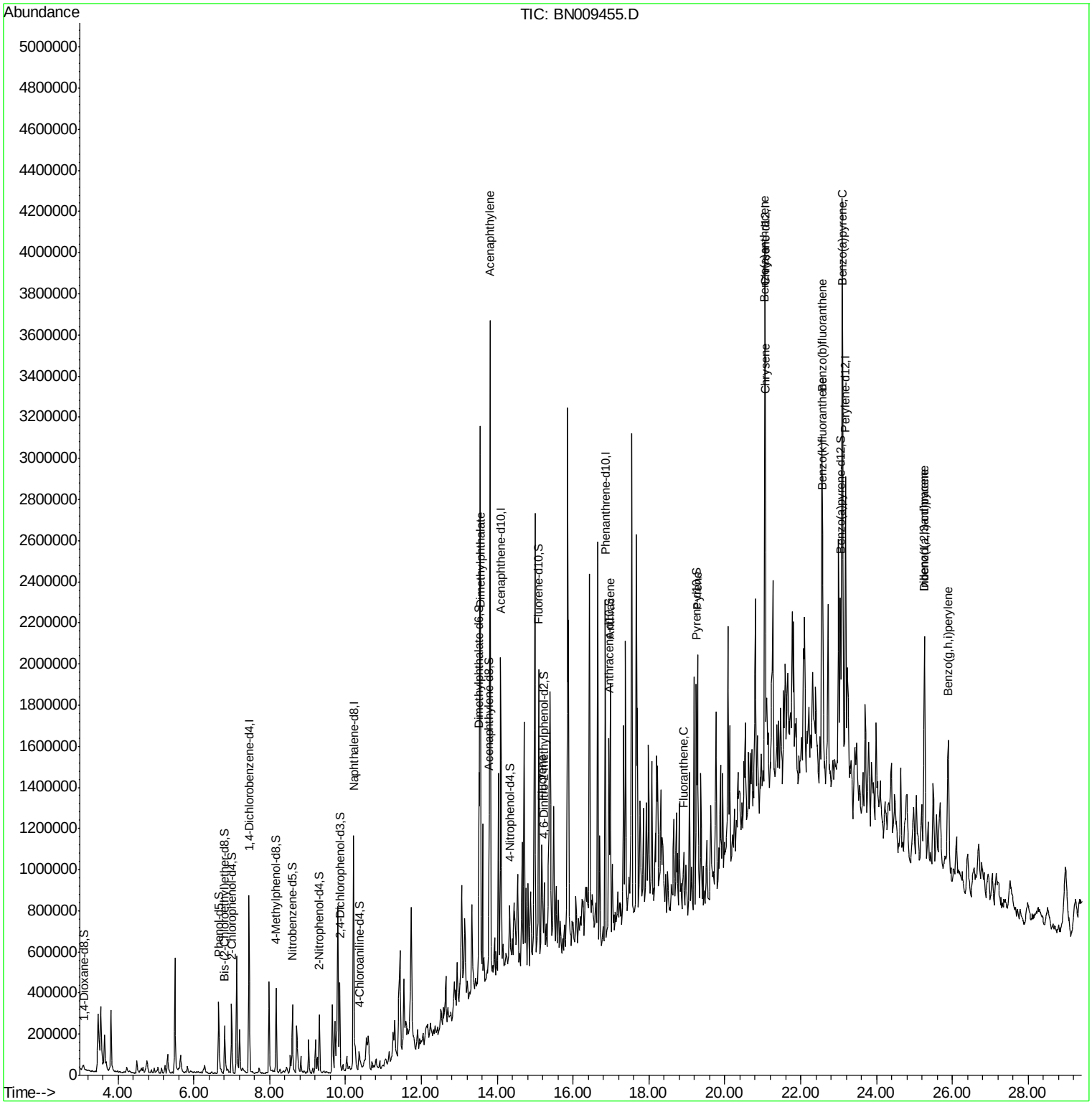
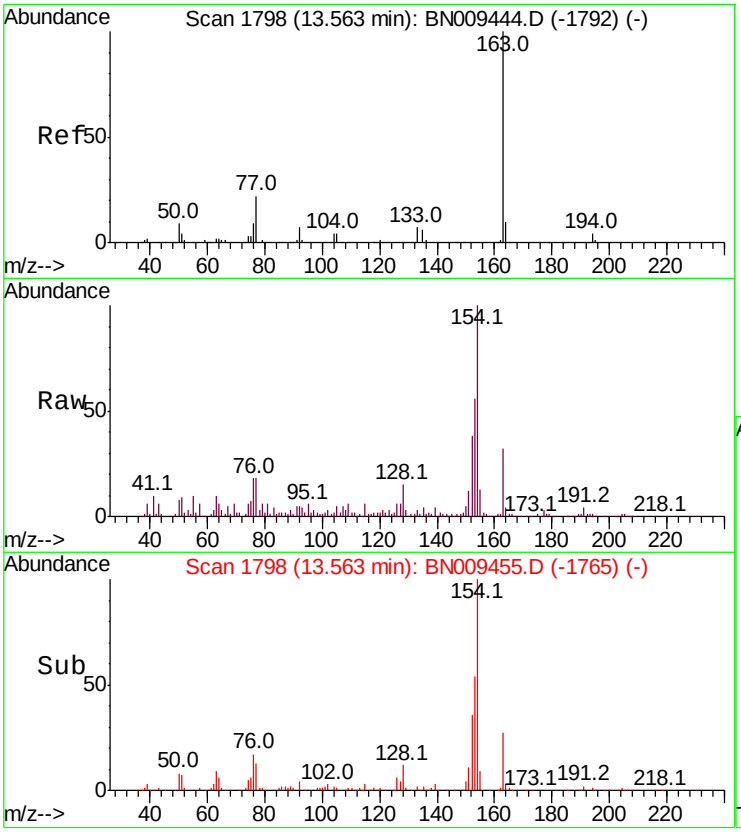
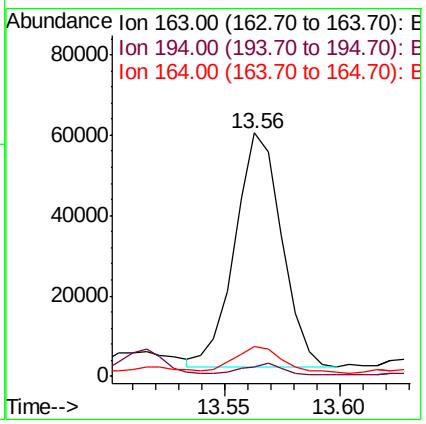




#44
Dimethylphthalate
Concen: 2.280 ng/ul
RT: 13.56 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BN009455.D
Acq: 28 Jan 2020 17:37

Tgt Ion:163 Resp: 82568

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	12.0	8.3	12.5



Instrument :
BNA_N
ClientSampleId :
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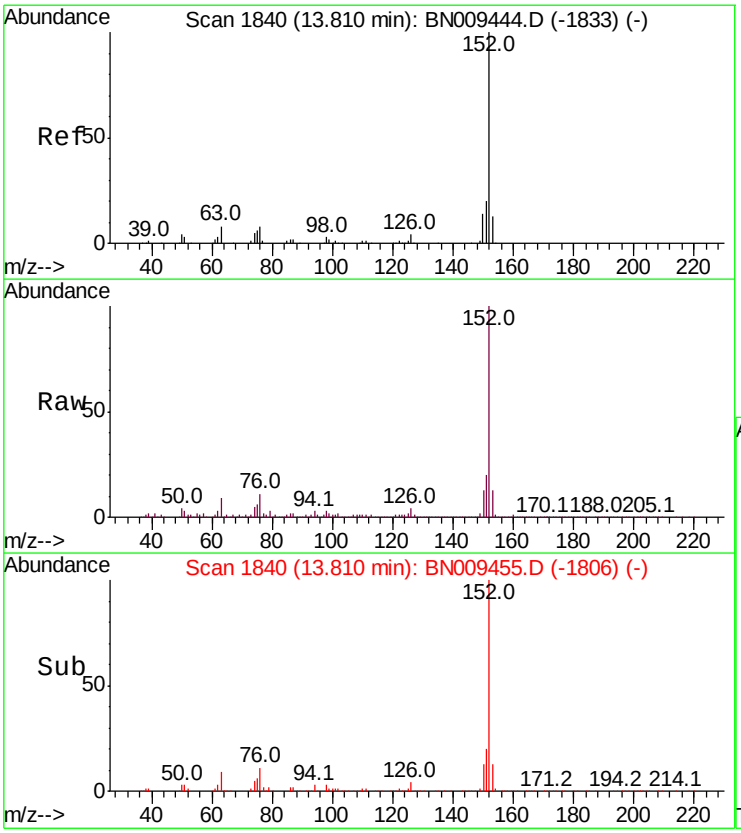
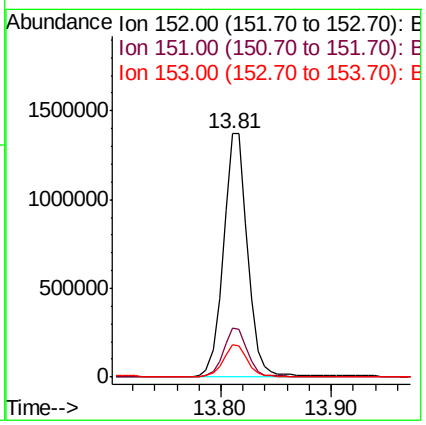
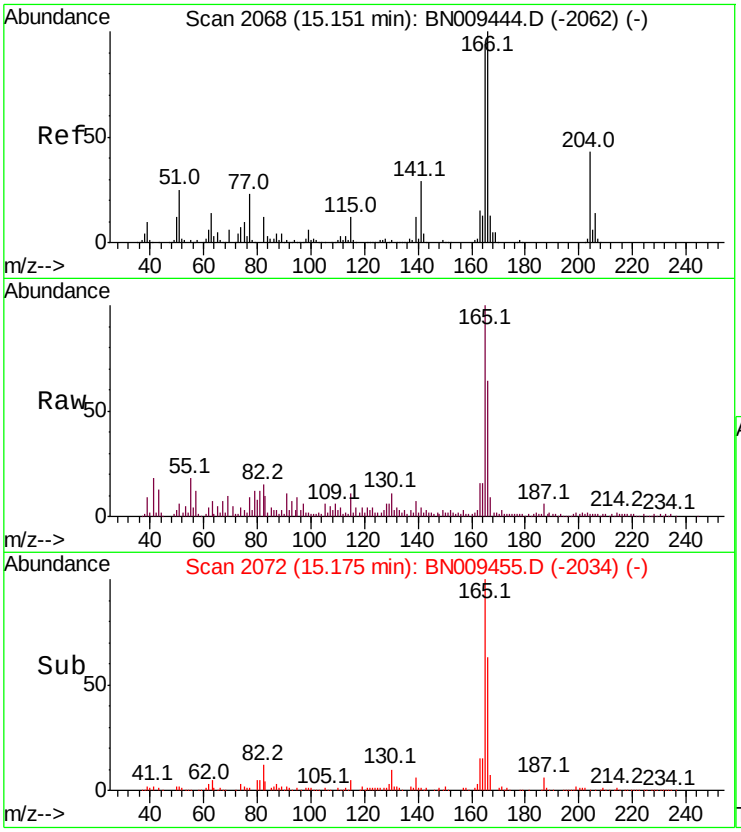


#47
Acenaphthylene
Concen: 46.436 ng/ul
RT: 13.81 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BN009455.D
Acq: 28 Jan 2020 17:37

Tgt Ion:152 Resp: 2092515

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	13.1	10.8	16.2

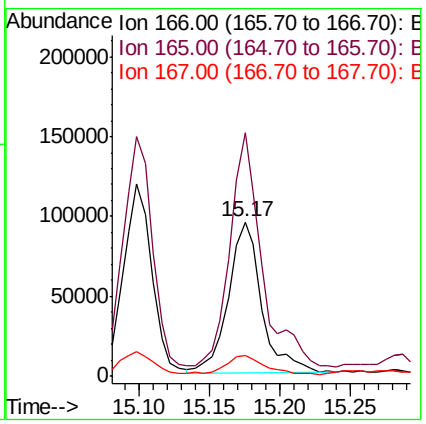




#58
Fluorene
Concen: 4.333 ng/ul
RT: 15.17 min Scan# 2072
Delta R.T. 0.02 min
Lab File: BN009455.D
Acq: 28 Jan 2020 17:37

Tgt Ion:166 Resp: 155083

Ion	Ratio	Lower	Upper
166	100		
165	157.4	76.5	114.7#
167	13.4	10.9	16.3



Instrument :
BNA_N
ClientSampleId :
GASP3DL

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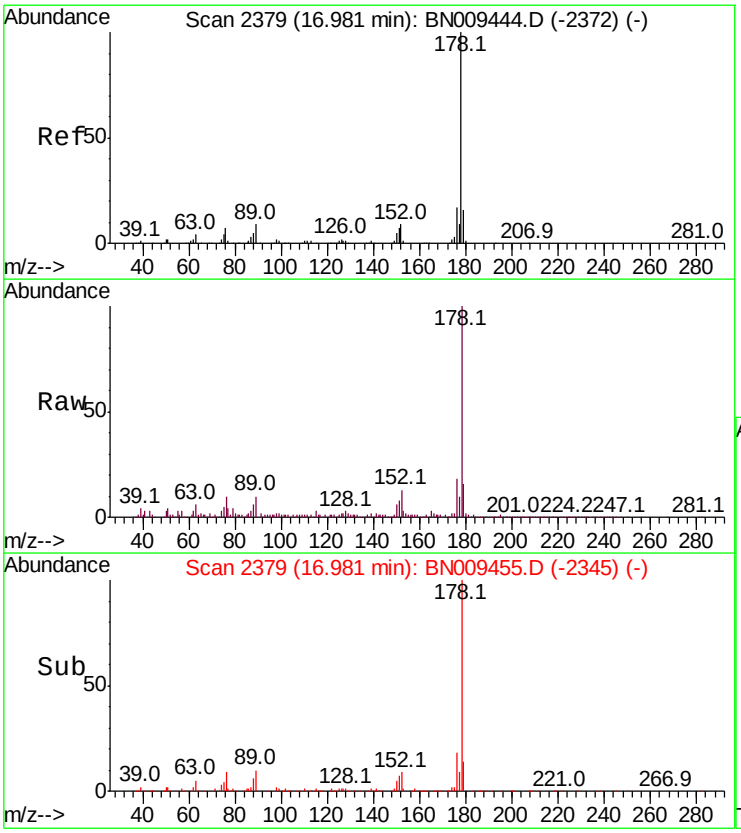
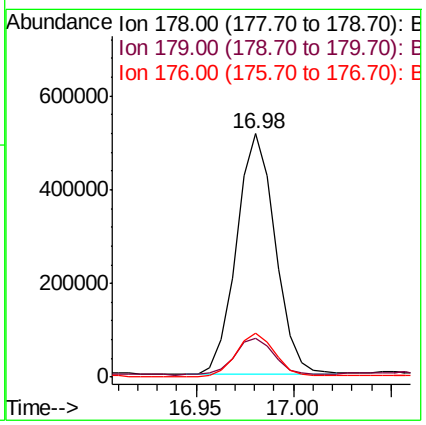
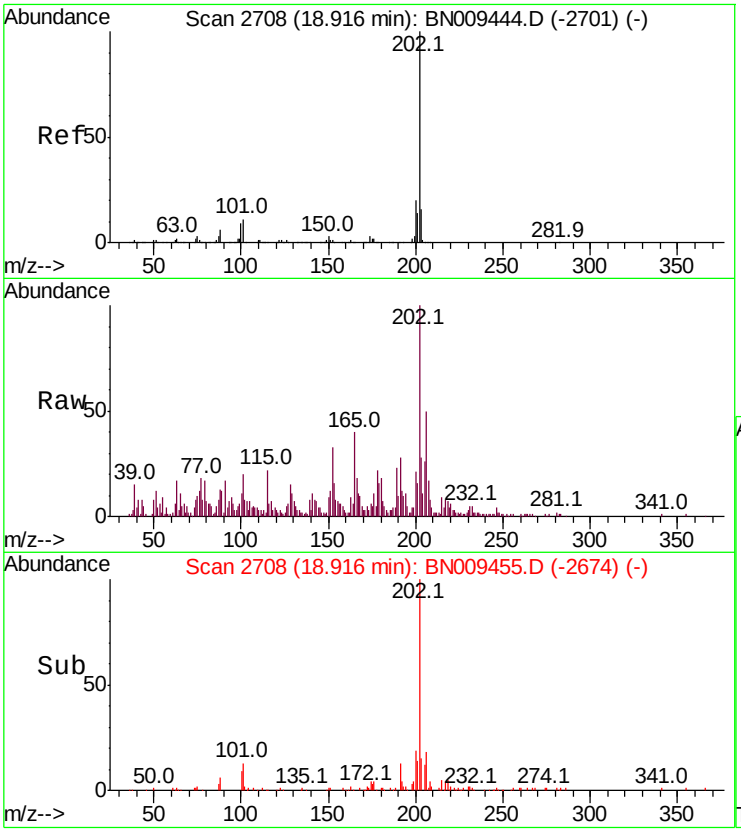


#71
Anthracene
Concen: 13.057 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BN009455.D
Acq: 28 Jan 2020 17:37

Tgt Ion:178 Resp: 711056

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.8	17.6
176	18.1	14.6	22.0

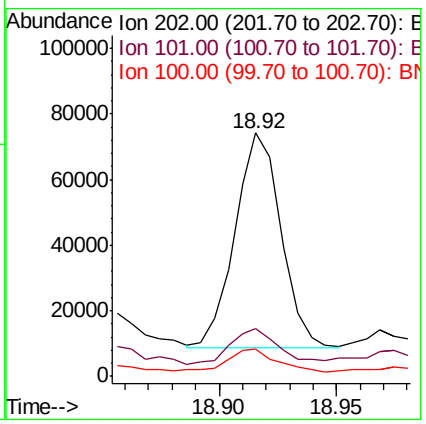




#76
Fluoranthene
Concen: 1.445 ng/ul m
RT: 18.92 min Scan# 2708
Delta R.T. -0.00 min
Lab File: BN009455.D
Acq: 28 Jan 2020 17:37

Tgt Ion:202 Resp: 88588

Ion	Ratio	Lower	Upper
202	100		
101	19.6	9.7	14.5#
100	11.3	7.1	10.7#



Instrument :
BNA_N
ClientSampleId :
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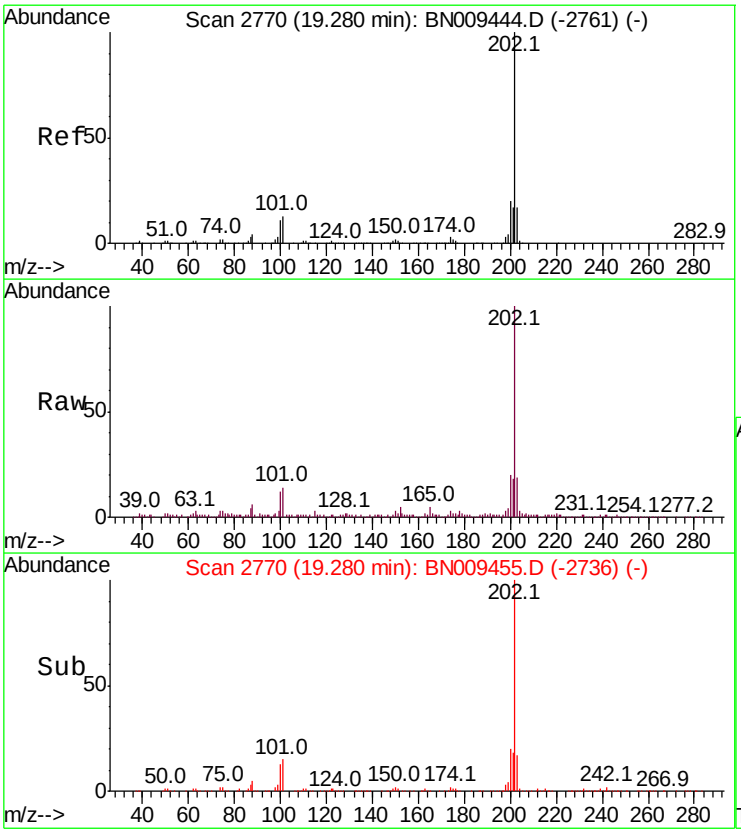
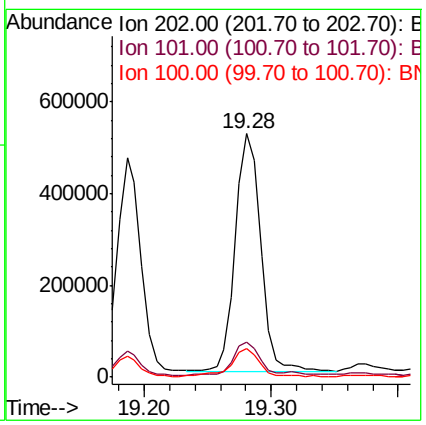
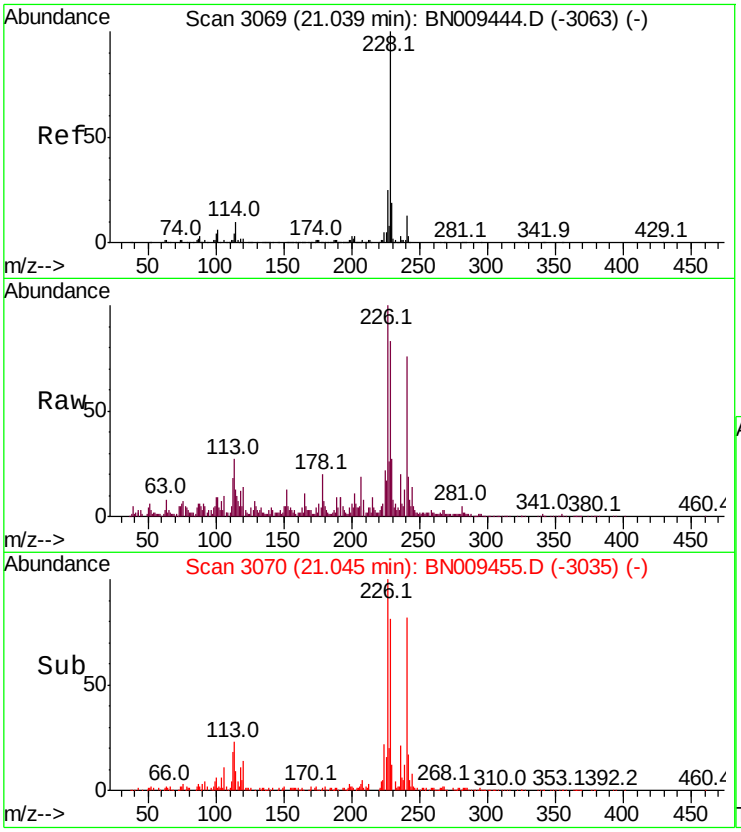


#79
Pyrene
Concen: 12.352 ng/ul
RT: 19.28 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BN009455.D
Acq: 28 Jan 2020 17:37

Tgt Ion:202 Resp: 717559

Ion	Ratio	Lower	Upper
202	100		
101	14.5	10.9	16.3
100	11.6	8.6	12.8

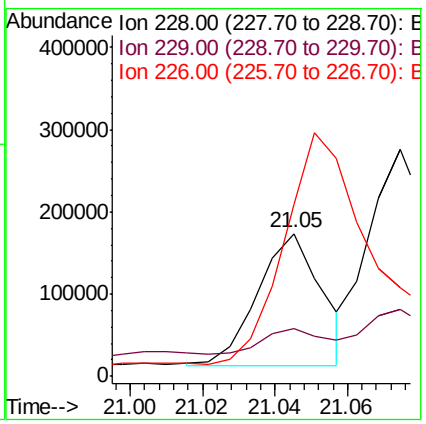




#82
Benzo(a)anthracene
Concen: 3.614 ng/ul
RT: 21.05 min Scan# 3070
Delta R.T. 0.01 min
Lab File: BN009455.D
Acq: 28 Jan 2020 17:37

Tgt Ion:228 Resp: 197432

Ion	Ratio	Lower	Upper
228	100		
229	33.2	15.9	23.9#
226	120.7	20.9	31.3#



Instrument :
BNA_N
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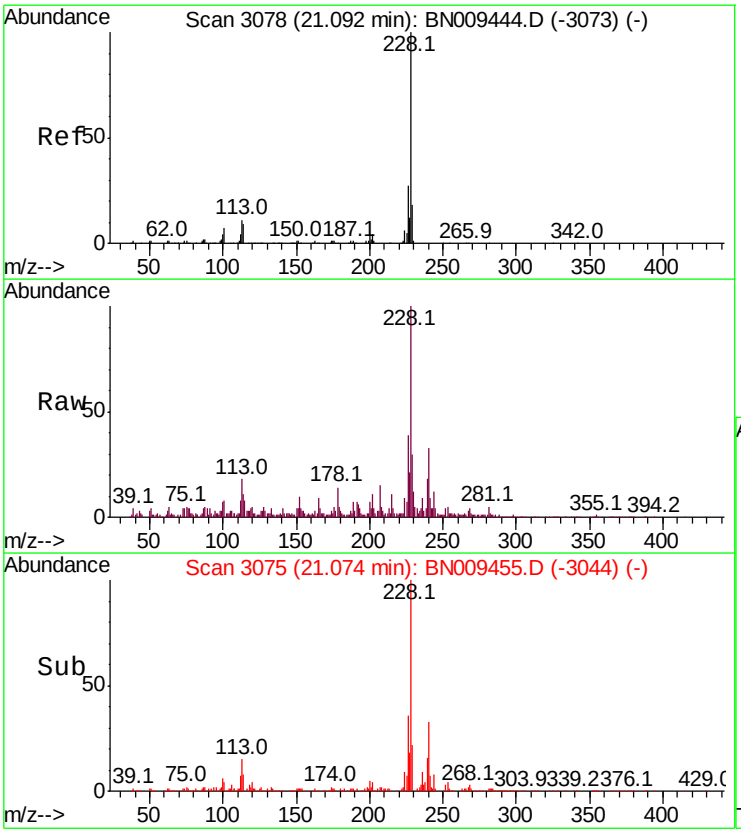
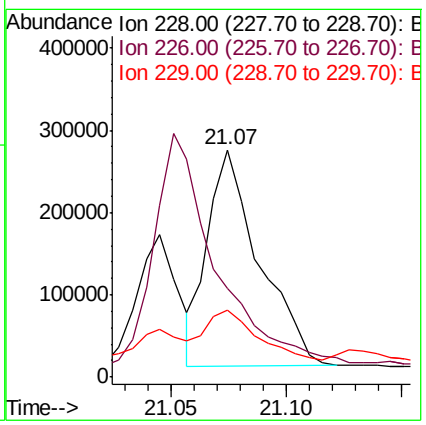
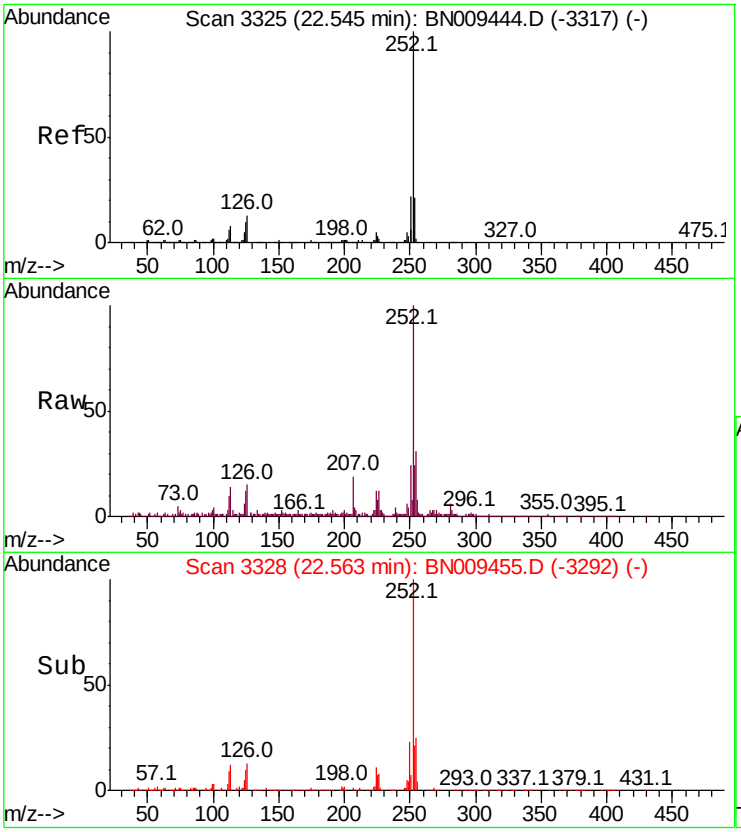


#84
Chrysene
Concen: 7.714 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.02 min
Lab File: BN009455.D
Acq: 28 Jan 2020 17:37

Tgt Ion:228 Resp: 410569

Ion	Ratio	Lower	Upper
228	100		
226	39.1	22.9	34.3#
229	29.7	15.4	23.0#

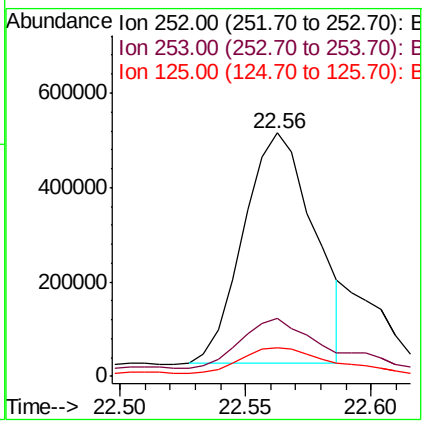




#87
Benzo(b)fluoranthene
Concen: 16.734 ng/ul m
RT: 22.56 min Scan# 3328
Delta R.T. 0.01 min
Lab File: BN009455.D
Acq: 28 Jan 2020 17:37

Tgt Ion:252 Resp: 953553

Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.5	24.7
125	11.6	8.2	12.2



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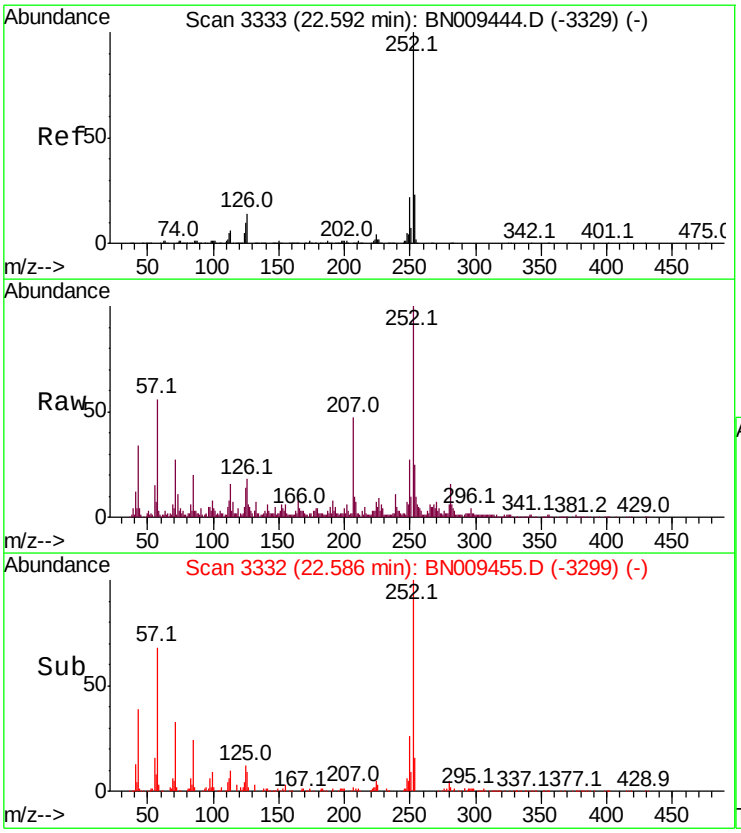
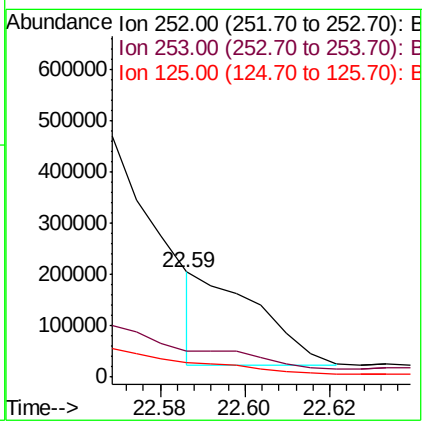
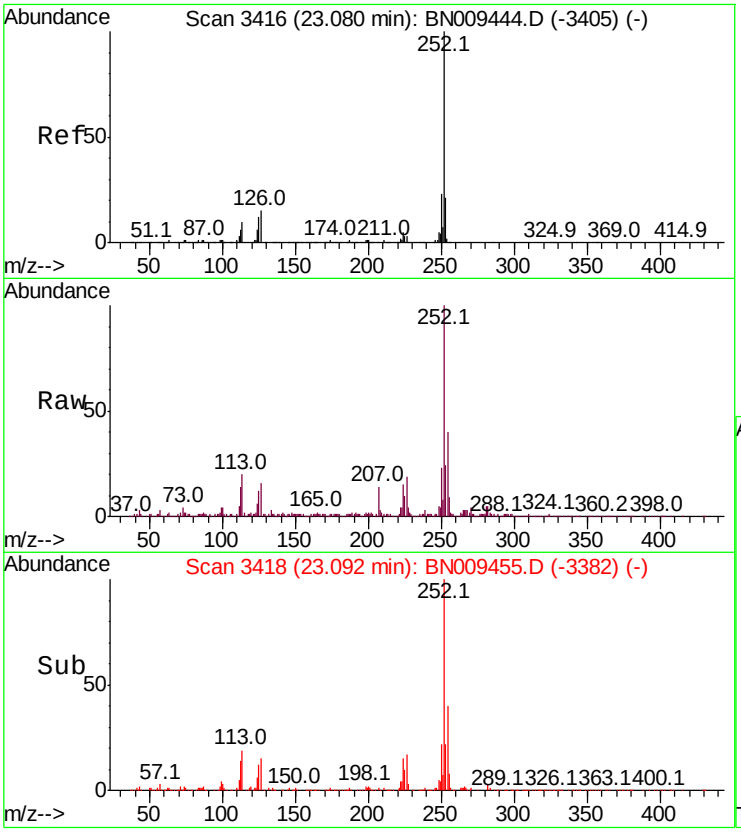


#88
Benzo(k)fluoranthene
Concen: 3.143 ng/ul m
RT: 22.59 min Scan# 3332
Delta R.T. -0.01 min
Lab File: BN009455.D
Acq: 28 Jan 2020 17:37

Tgt Ion:252 Resp: 176096

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.0	25.4
125	14.0	7.8	11.8#

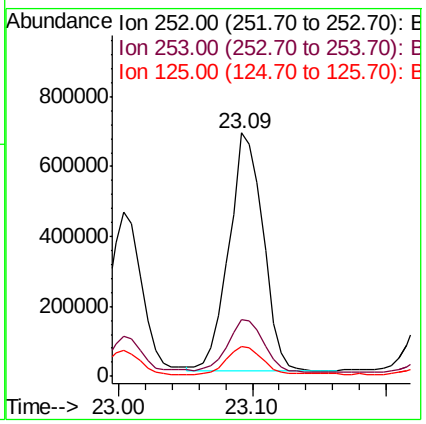




#90
Benzo(a)pyrene
Concen: 23.683 ng/ul
RT: 23.09 min Scan# 3418
Delta R.T. 0.01 min
Lab File: BN009455.D
Acq: 28 Jan 2020 17:37

Tgt Ion:252 Resp: 1211347

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	12.4	9.8	14.6



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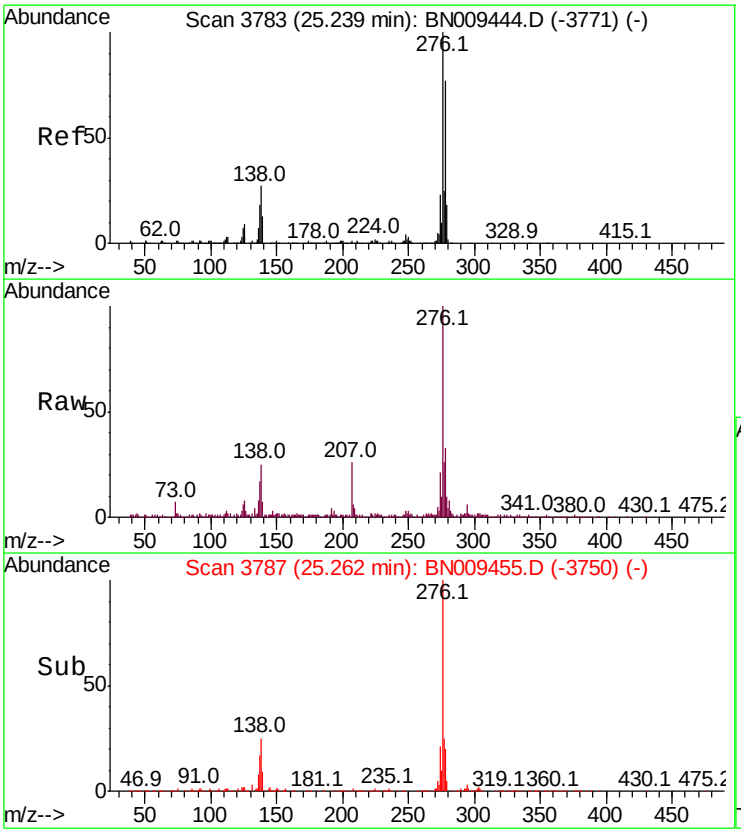
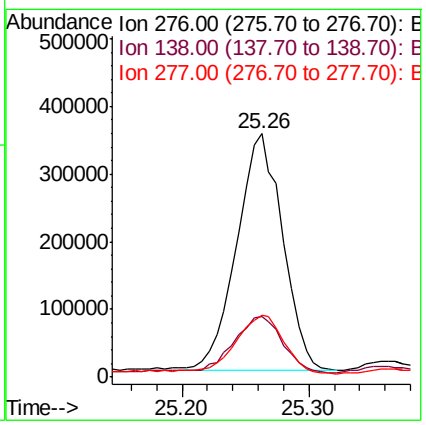
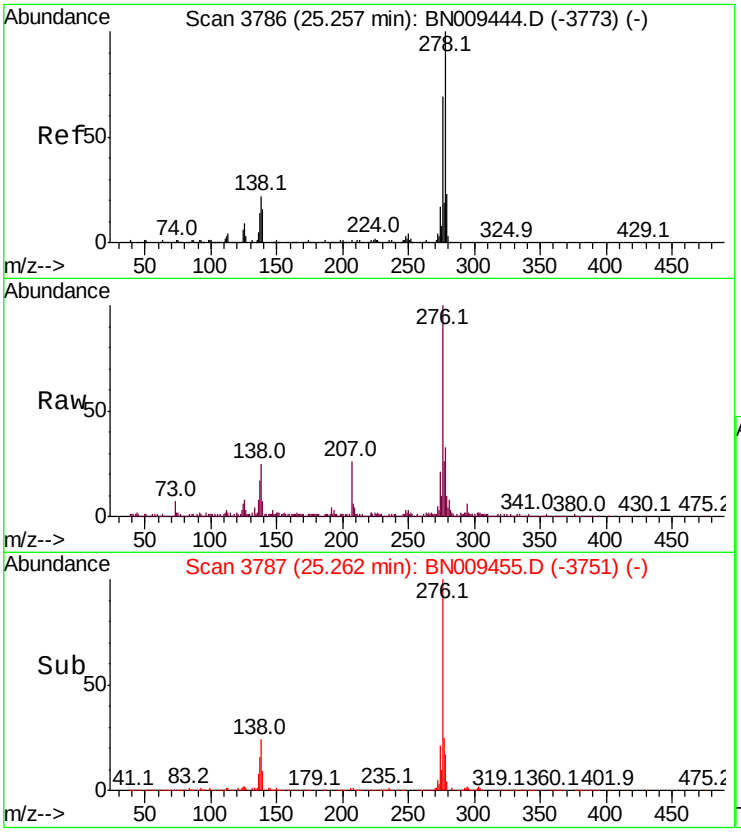


#91
Indeno(1,2,3-cd)pyrene
Concen: 14.178 ng/ul
RT: 25.26 min Scan# 3787
Delta R.T. 0.02 min
Lab File: BN009455.D
Acq: 28 Jan 2020 17:37

Tgt Ion:276 Resp: 878815

Ion	Ratio	Lower	Upper
276	100		
138	32.1	21.4	32.0#
277	25.6	20.4	30.6





#92
Dibenzo(a,h)anthracene
Concen: 6.028 ng/ul
RT: 25.26 min Scan# 3787
Delta R.T. 0.01 min
Lab File: BN009455.D
Acq: 28 Jan 2020 17:37

Tgt Ion:278 Resp: 315240

Ion	Ratio	Lower	Upper
278	100		
139	22.3	13.9	20.9#
279	31.2	19.3	28.9#

Instrument :
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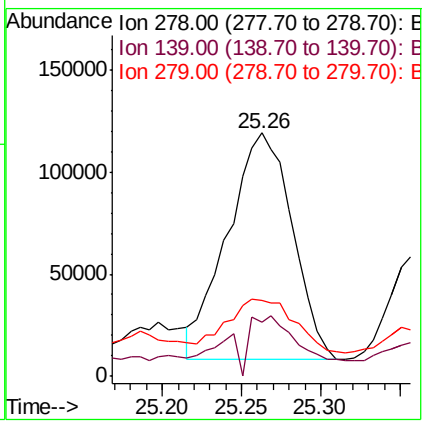

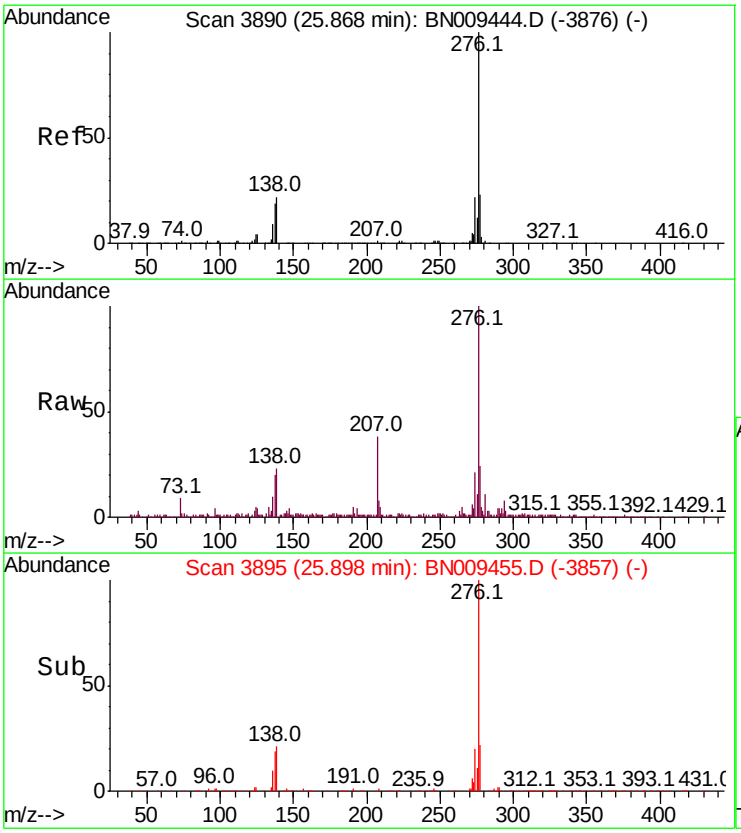

#93
Benzo(g,h,i)perylene
Concen: 13.811 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. 0.02 min
Lab File: BN009455.D
Acq: 28 Jan 2020 17:37

Tgt Ion:276 Resp: 712049

Ion	Ratio	Lower	Upper
276	100		
138	23.3	16.6	24.8
277	23.9	18.7	28.1