Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009824.D
Acq On : 22 Feb 2020 01:05
Operator : CG/JU
Sample : L1535-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 22 03:04:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 22:14:17 2020
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : CB6Q8

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	117679	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	498316	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	313702	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	655235	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	582869	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	635100	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	11584	4.05	ng/uL	-0.02
5) Phenol-d5	6.59	99	212783	21.26	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	161857	23.43	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.93	132	173524	23.03	ng/ul	-0.02
13) 4-Methylphenol-d8	8.10	113	158767	19.94	ng/ul	-0.02
19) Nitrobenzene-d5	8.53	128	86399	23.70	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.25	143	94355	23.66	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.78	165	170618	22.25	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.29	131	197434	22.92	ng/ul	-0.02
44) Dimethylphthalate-d6	13.46	166	536062	22.88	ng/ul	-0.02
47) Acenaphthylene-d8	13.72	160	646430	23.42	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.27	143	63890	14.93	ng/ul	-0.02
58) Fluorene-d10	15.03	176	469553	23.21	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.19	200	64351	15.81	ng/ul	-0.02
71) Anthracene-d10	16.89	188	687192	22.88	ng/ul	-0.02
79) Pyrene-d10	19.19	212	770127	25.28	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	749162	23.62	ng/ul	-0.03
Target Compounds						Qvalue
28) Naphthalene	10.19	128	30879	1.149	ng/ul	98
70) Phenanthrene	16.83	178	217208	5.809	ng/ul	98
72) Anthracene	16.92	178	47399	1.240	ng/ul	95
77) Fluoranthene	18.86	202	321499	7.340	ng/ul	99
80) Pyrene	19.22	202	291489	6.937	ng/ul	98
83) Benzo(a)anthracene	20.99	228	164939	4.118	ng/ul	98
85) Chrysene	21.04	228	156524	3.969	ng/ul	98
88) Benzo(b)fluoranthene	22.49	252	203074	4.932	ng/ul	98
89) Benzo(k)fluoranthene	22.53	252	57835m	1.483	ng/ul	
91) Benzo(a)pyrene	23.02	252	127945	3.455	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.15	276	77572	1.764	ng/ul#	93
94) Benzo(g,h,i)perylene	25.77	276	73942	2.006	ng/ul	96

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

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Instrument :
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ClientSampleId :
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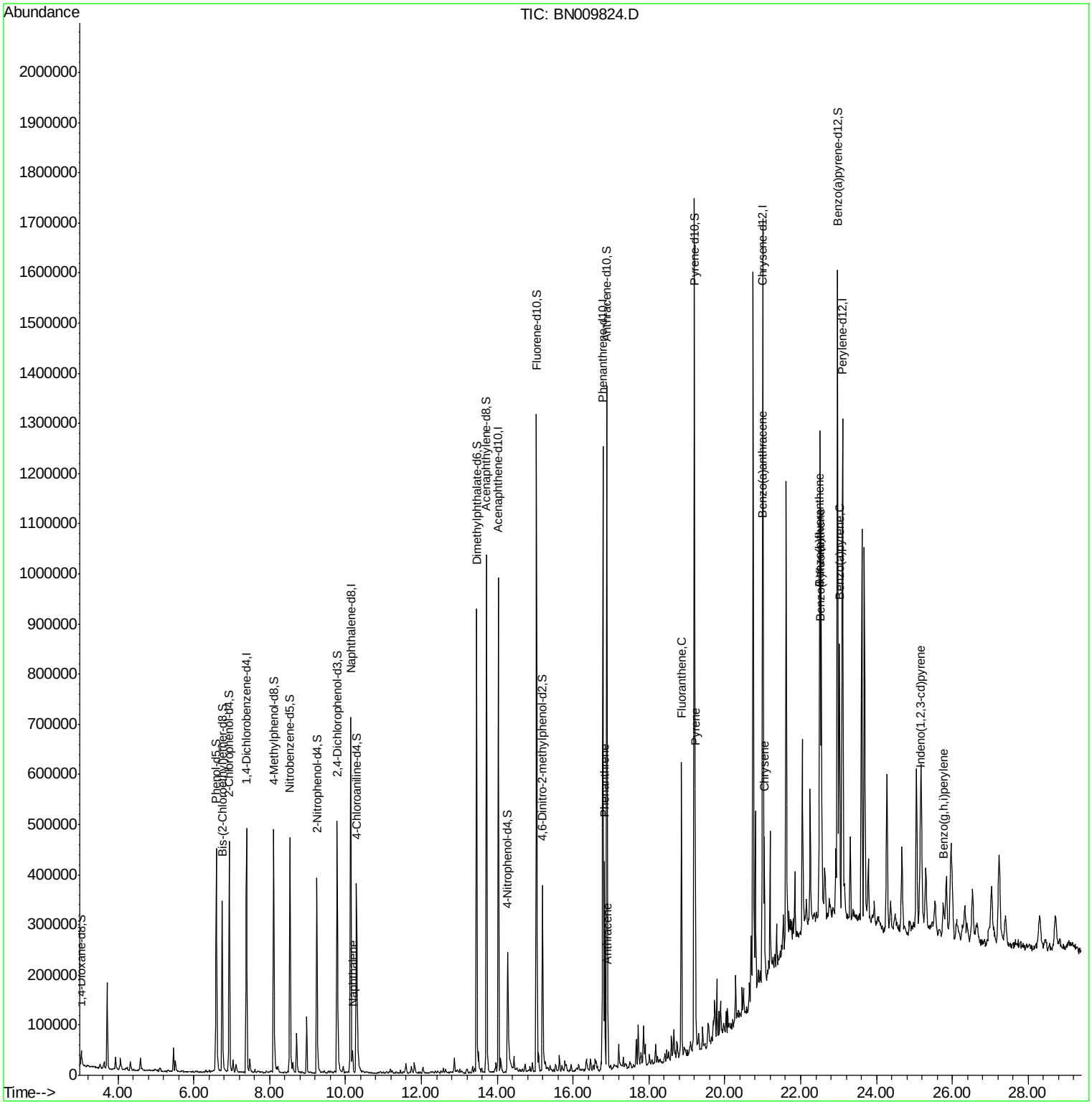
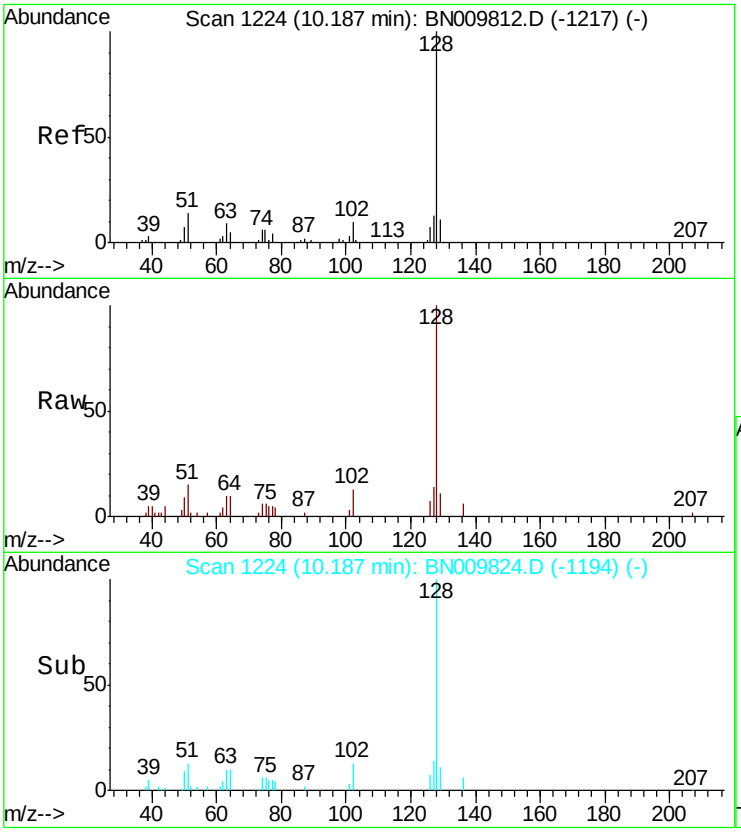
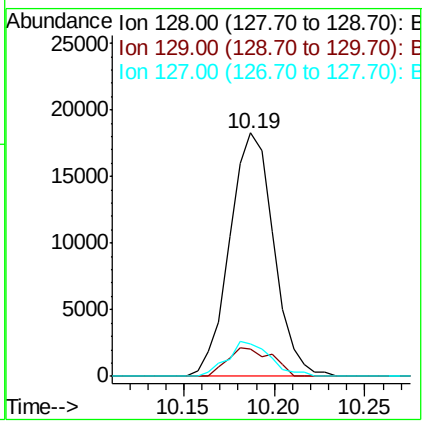




#28
Naphthalene
Concen: 1.149 ng/ul
RT: 10.19 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BN009824.D
Acq: 22 Feb 2020 01:05

Tgt Ion:128 Resp: 30879

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.6	10.3	15.5



Instrument :
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ClientSampleId :
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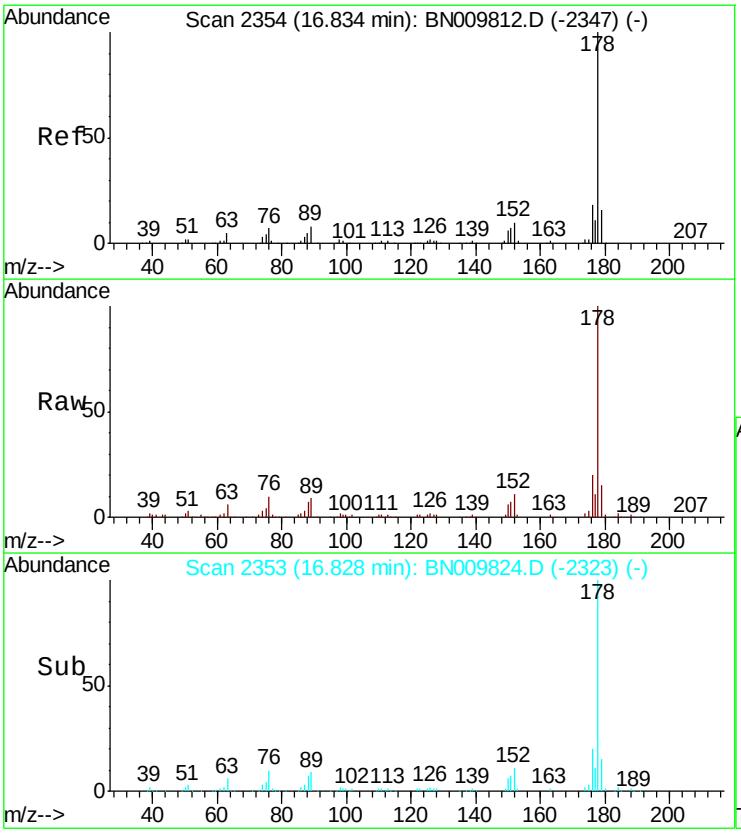
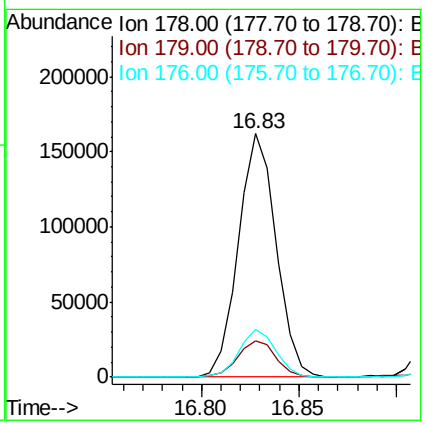
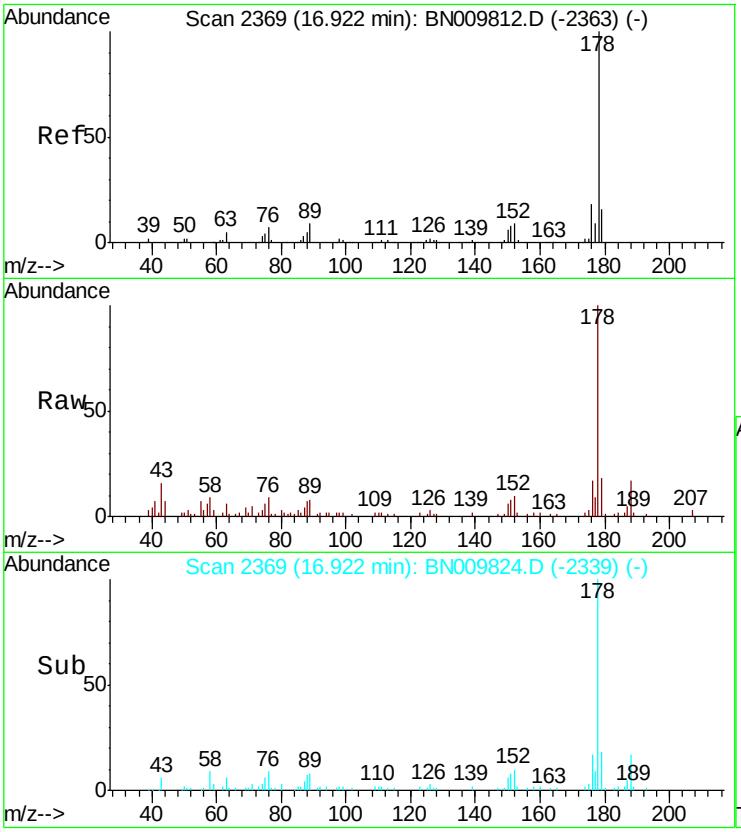


#70
Phenanthrene
Concen: 5.809 ng/ul
RT: 16.83 min Scan# 2353
Delta R.T. -0.02 min
Lab File: BN009824.D
Acq: 22 Feb 2020 01:05

Tgt Ion:178 Resp: 217208

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.5	18.7
176	19.5	14.6	22.0

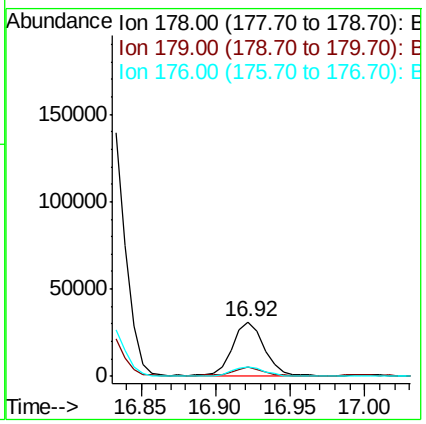




#72
Anthracene
Concen: 1.240 ng/ul
RT: 16.92 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BN009824.D
Acq: 22 Feb 2020 01:05

Tgt Ion:178 Resp: 47399

Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.2	18.2
176	16.7	14.6	21.8



Instrument :
BNA_N
ClientSampleId :
CB6Q8

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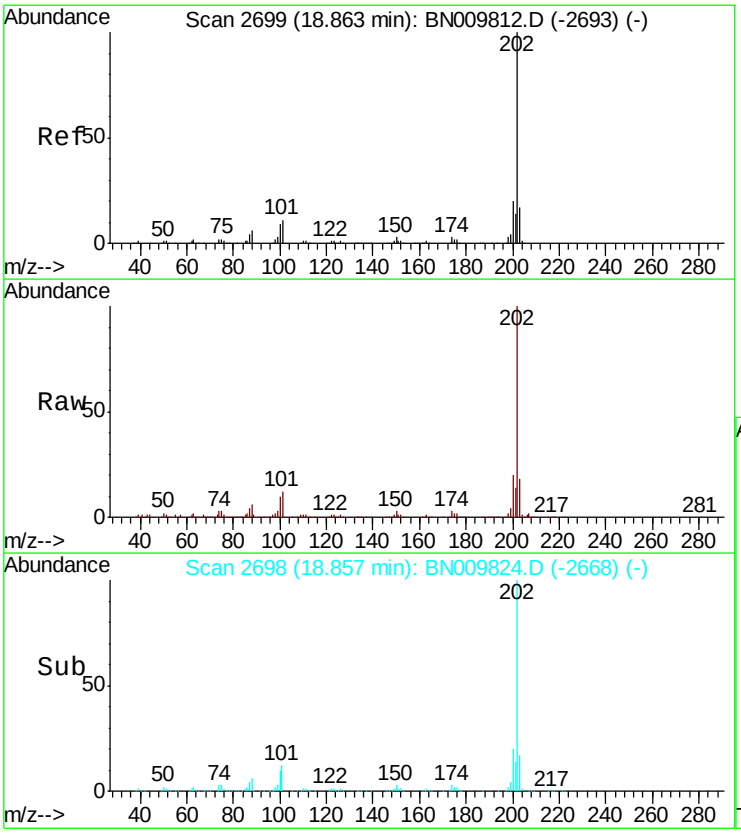
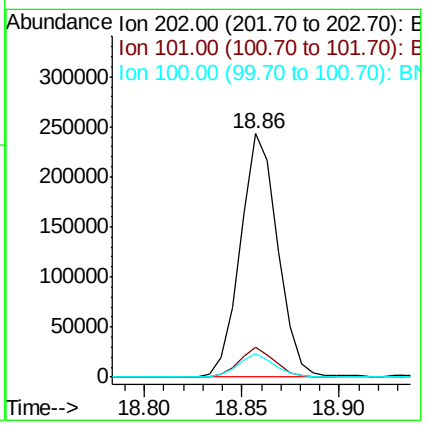
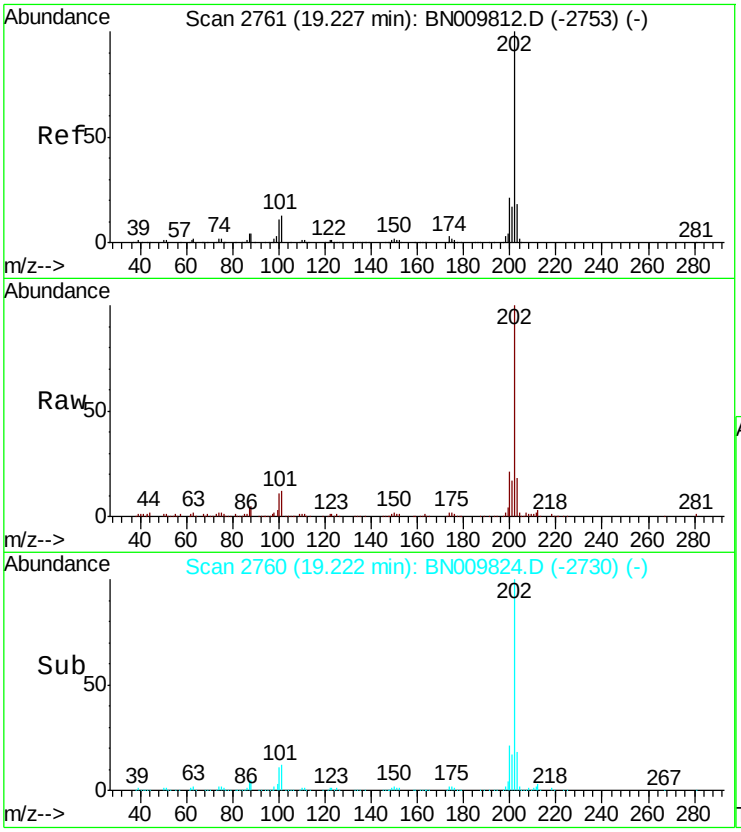


#77
Fluoranthene
Concen: 7.340 ng/ul
RT: 18.86 min Scan# 2698
Delta R.T. -0.02 min
Lab File: BN009824.D
Acq: 22 Feb 2020 01:05

Tgt Ion:202 Resp: 321499

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.4	14.2
100	9.6	7.2	10.8

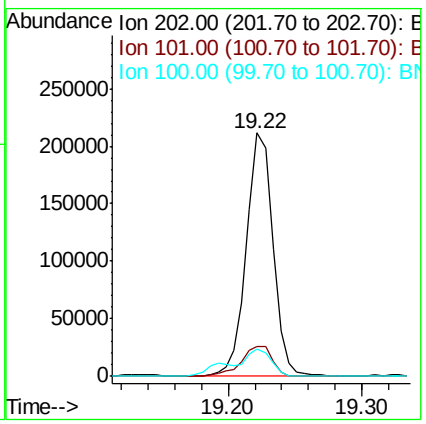




#80
Pyrene
Concen: 6.937 ng/ul
RT: 19.22 min Scan# 2760
Delta R.T. -0.02 min
Lab File: BN009824.D
Acq: 22 Feb 2020 01:05

Tgt Ion:202 Resp: 291489

Ion	Ratio	Lower	Upper
202	100		
101	12.5	11.3	16.9
100	11.4	9.0	13.6



Instrument :
BNA_N
ClientSampleId :
CB6Q8

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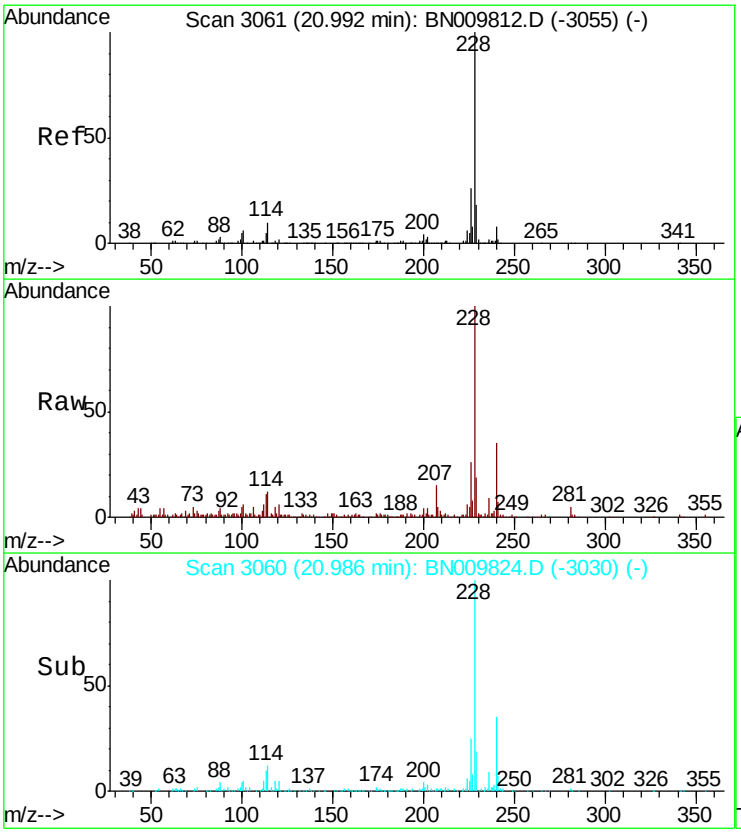
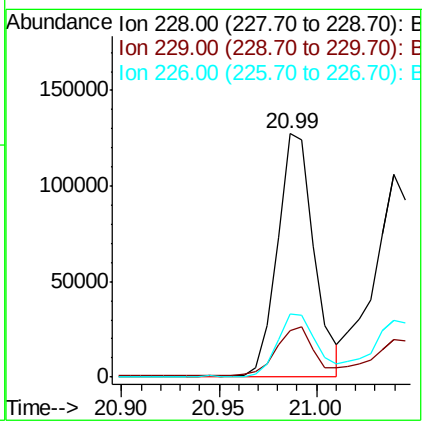
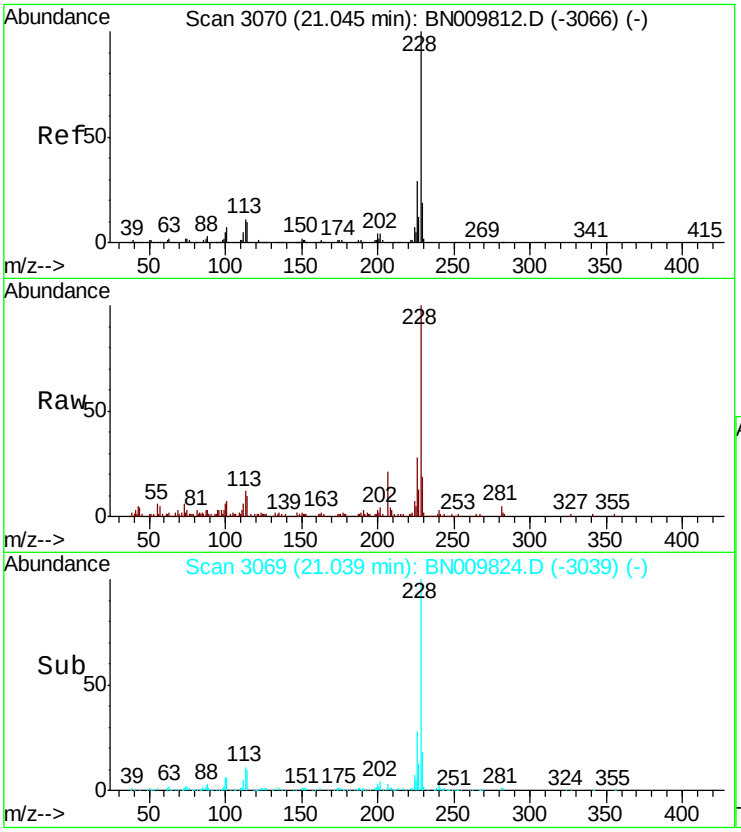


#83
Benzo(a)anthracene
Concen: 4.118 ng/ul
RT: 20.99 min Scan# 3060
Delta R.T. -0.02 min
Lab File: BN009824.D
Acq: 22 Feb 2020 01:05

Tgt Ion:228 Resp: 164939

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.0	22.4
226	25.7	21.4	32.2

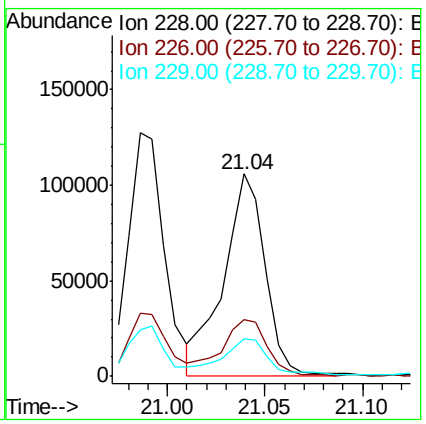




#85
Chrysene
Concen: 3.969 ng/ul
RT: 21.04 min Scan# 3069
Delta R.T. -0.02 min
Lab File: BN009824.D
Acq: 22 Feb 2020 01:05

Tgt Ion:228 Resp: 156524

Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.4	35.2
229	18.8	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
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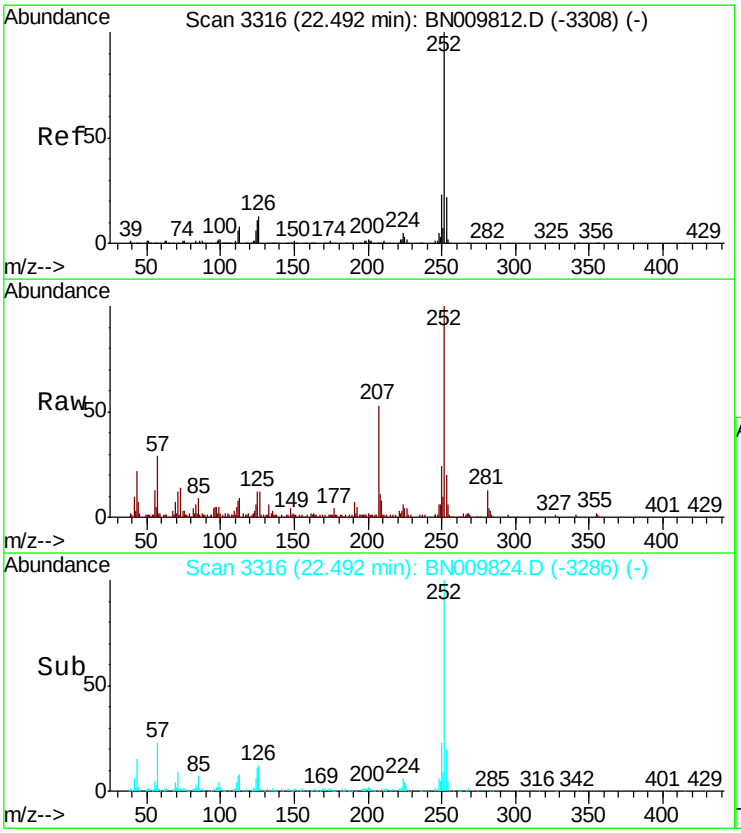
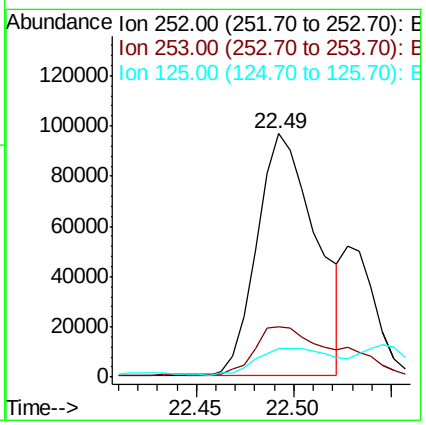
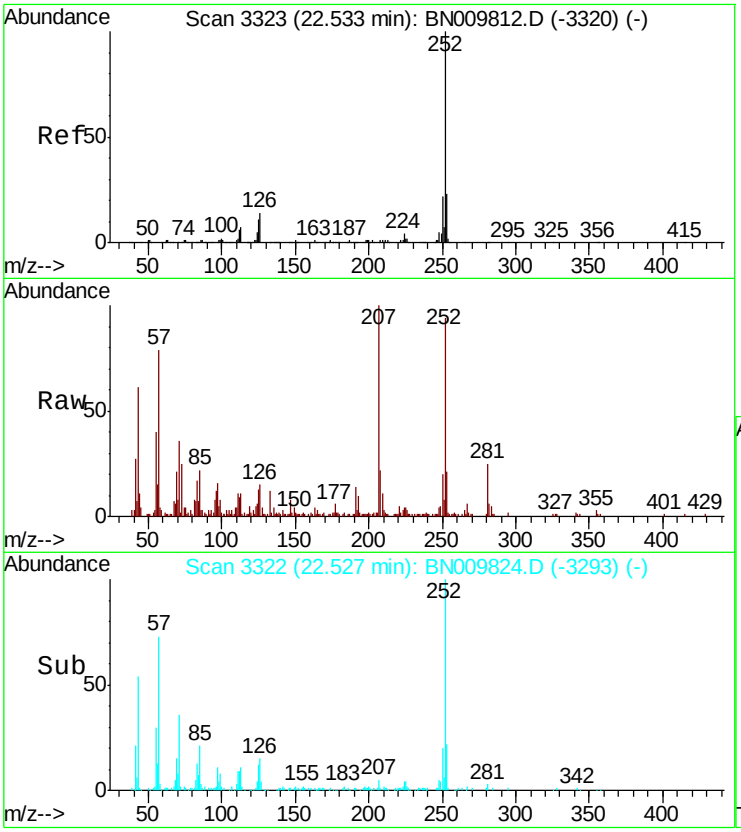


#88
Benzo(b)fluoranthene
Concen: 4.932 ng/ul
RT: 22.49 min Scan# 3316
Delta R.T. -0.02 min
Lab File: BN009824.D
Acq: 22 Feb 2020 01:05

Tgt Ion:252 Resp: 203074

Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.0	25.4
125	11.5	8.0	12.0





#89
Benzo(k)fluoranthene
Concen: 1.483 ng/ul m
RT: 22.53 min Scan# 3322
Delta R.T. -0.03 min
Lab File: BN009824.D
Acq: 22 Feb 2020 01:05

Tgt Ion:252 Resp: 57835

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	14.2	8.2	12.2#

Instrument :
BNA_N
ClientSampleId :
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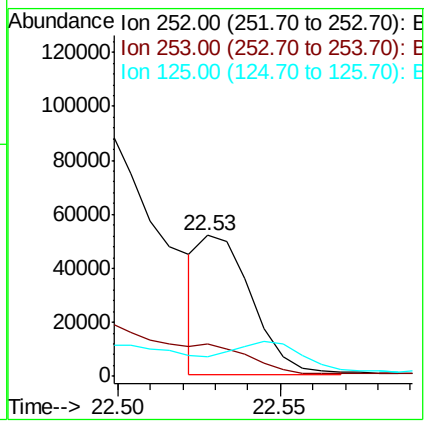
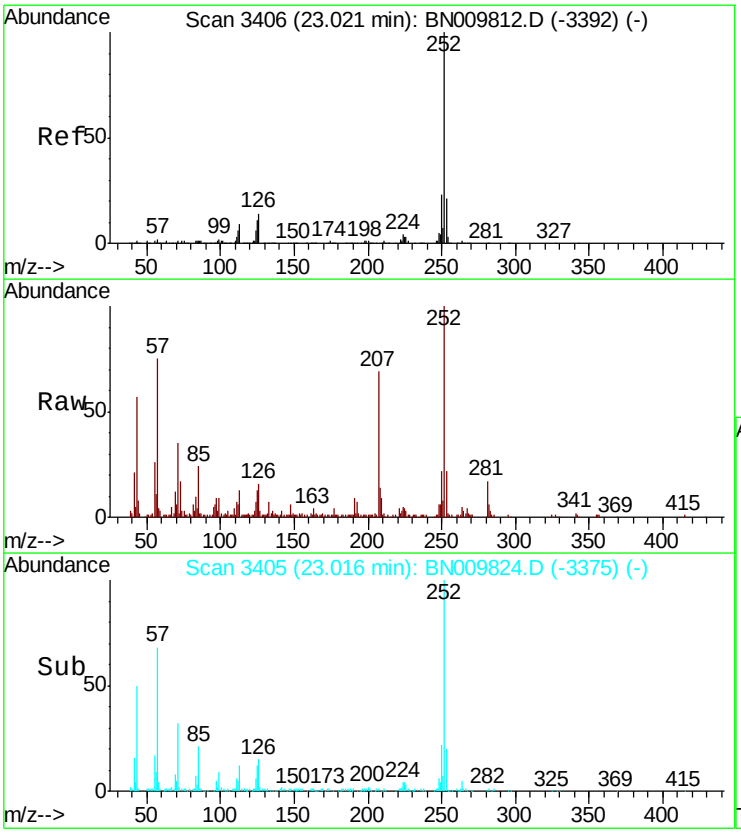
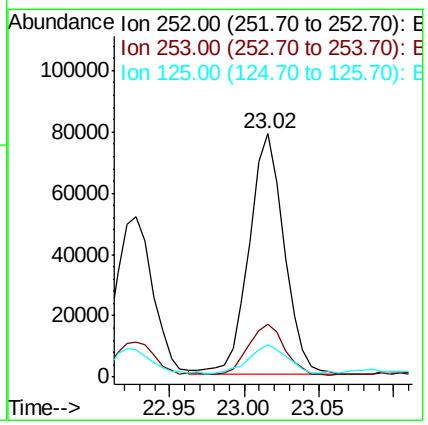


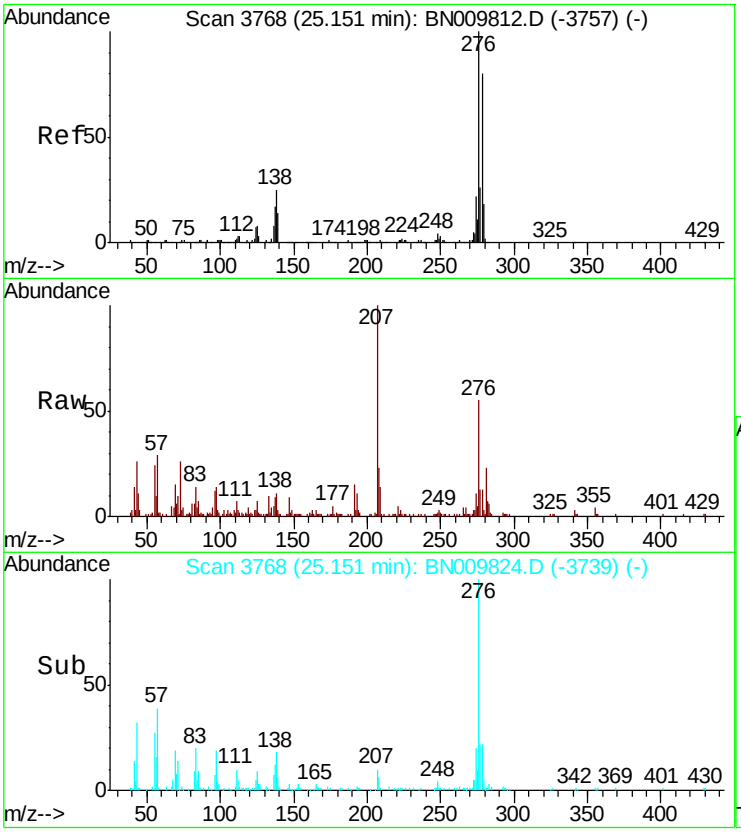


#91
Benzo(a)pyrene
Concen: 3.455 ng/ul
RT: 23.02 min Scan# 3405
Delta R.T. -0.02 min
Lab File: BN009824.D
Acq: 22 Feb 2020 01:05

Tgt Ion:252 Resp: 127945

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	13.4	9.0	13.6

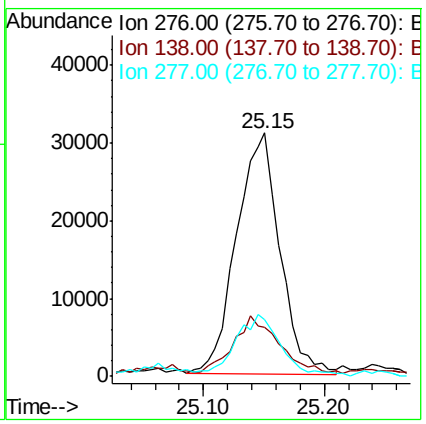




#92
Indeno(1,2,3-cd)pyrene
Concen: 1.764 ng/ul
RT: 25.15 min Scan# 3768
Delta R.T. -0.03 min
Lab File: BN009824.D
Acq: 22 Feb 2020 01:05

Tgt Ion:276 Resp: 77572

Ion	Ratio	Lower	Upper
276	100		
138	20.1	20.9	31.3#
277	23.1	18.2	27.4



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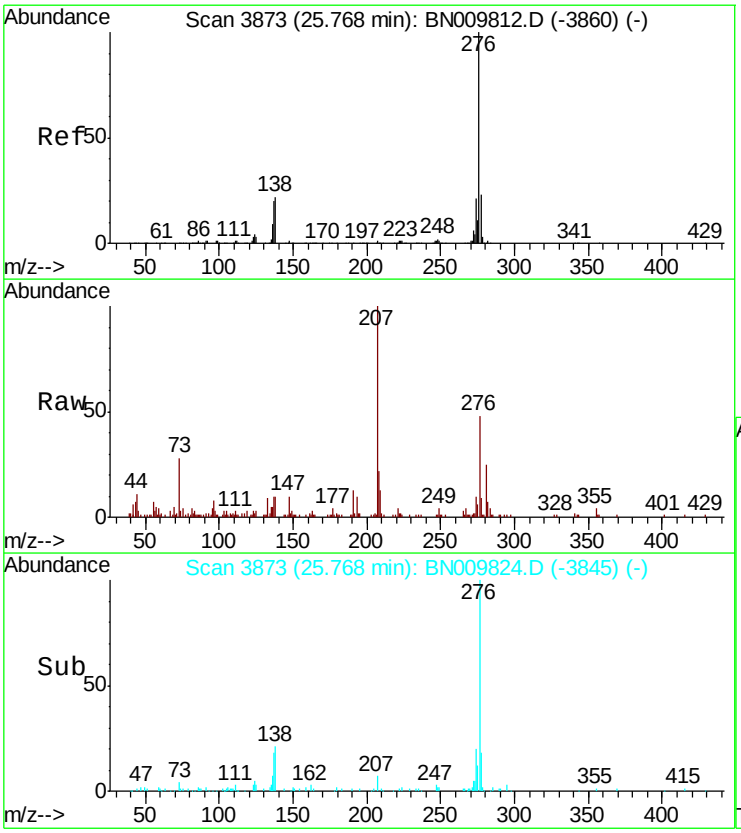

#94
Benzo(g,h,i)perylene
Concen: 2.006 ng/ul
RT: 25.77 min Scan# 3873
Delta R.T. -0.04 min
Lab File: BN009824.D
Acq: 22 Feb 2020 01:05

Tgt Ion:276 Resp: 73942

Ion	Ratio	Lower	Upper
276	100		
138	20.6	17.5	26.3
277	19.6	18.1	27.1