Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005580.D
Acq On : 09 May 2019 23:27
Operator : JU/SJ
Sample : K2603-08MEDL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 10 01:21:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	373500	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1582218	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	928918	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1893227	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1191315	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1304634	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	3355	0.43	ng/uL	0.00
5) Phenol-d5	6.78	99	63399	2.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	43233	2.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	57762	2.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	50282	2.19	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	30343	3.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	27996	2.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	54997	2.43	ng/ul	0.02
29) 4-Chloroaniline-d4	10.50	131	66216	2.84	ng/ul	0.01
43) Dimethylphthalate-d6	13.64	166	200116	2.97	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	232027	2.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	4962	0.47	ng/ul	0.04
57) Fluorene-d10	15.22	176	166679	2.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	1140	0.13	ng/ul	0.02
70) Anthracene-d10	17.08	188	247477	3.12	ng/ul	0.00
78) Pyrene-d10	19.39	212	205383	3.37	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	153907	2.70	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.40	128	3279024	44.579	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	727826	13.514	ng/ul	99
40) 1,1'-Biphenyl	13.05	154	137735	1.990	ng/ul	97
47) Acenaphthylene	13.95	152	578471	7.107	ng/ul	99
58) Fluorene	15.28	166	309983	4.966	ng/ul	99
69) Phenanthrene	17.03	178	1357510	14.723	ng/ul	100
71) Anthracene	17.12	178	319475	3.401	ng/ul	99
76) Fluoranthene	19.06	202	478257	4.676	ng/ul	96
79) Pyrene	19.43	202	602492	7.855	ng/ul#	92
82) Benzo(a)anthracene	21.20	228	177756	2.398	ng/ul	93
84) Chrysene	21.25	228	145767	2.119	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	113805	1.552	ng/ul#	93
88) Benzo(k)fluoranthene	22.77	252	113805	1.625	ng/ul#	92
90) Benzo(a)pyrene	23.33	252	122942	1.783	ng/ul	94

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

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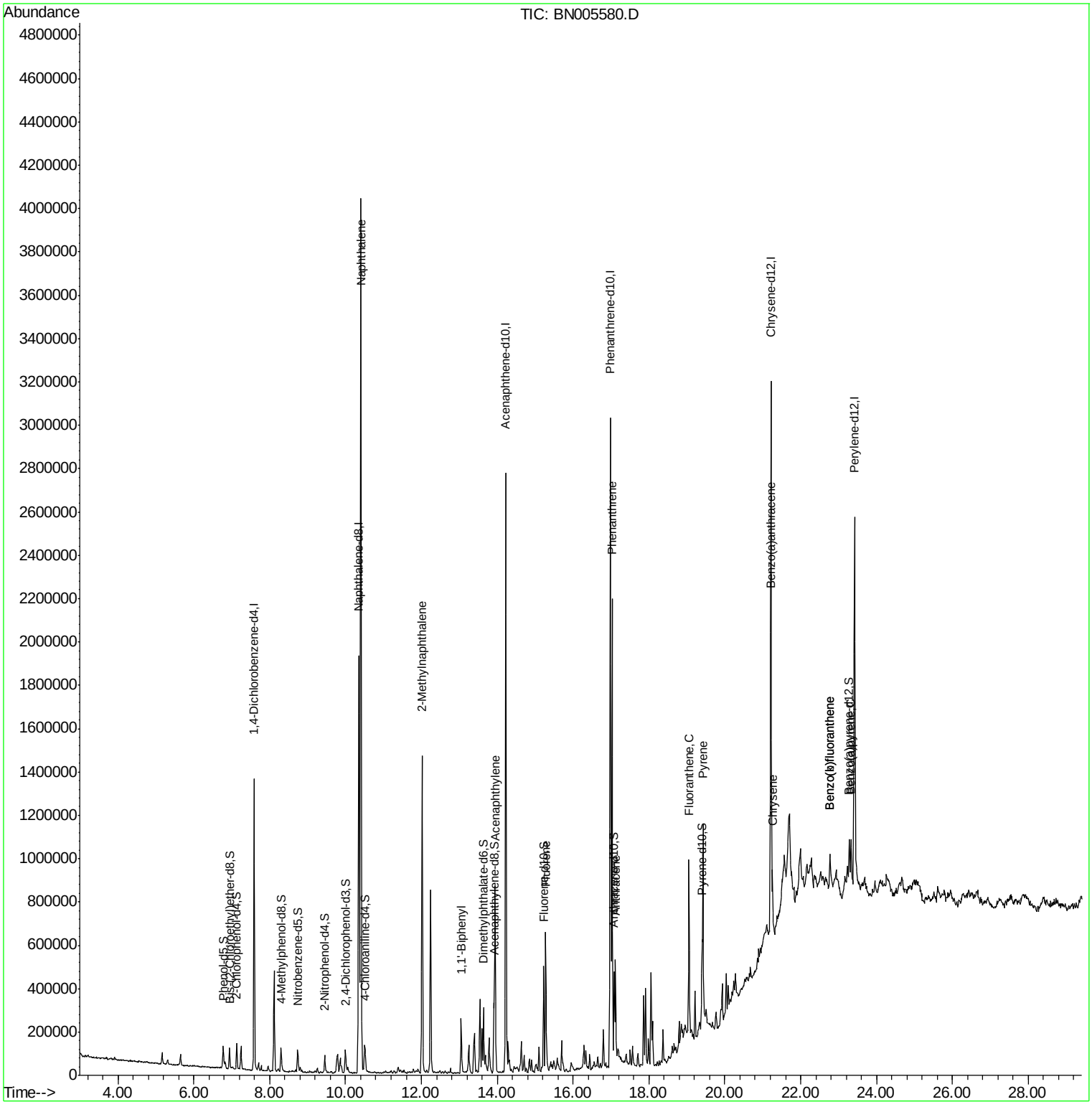
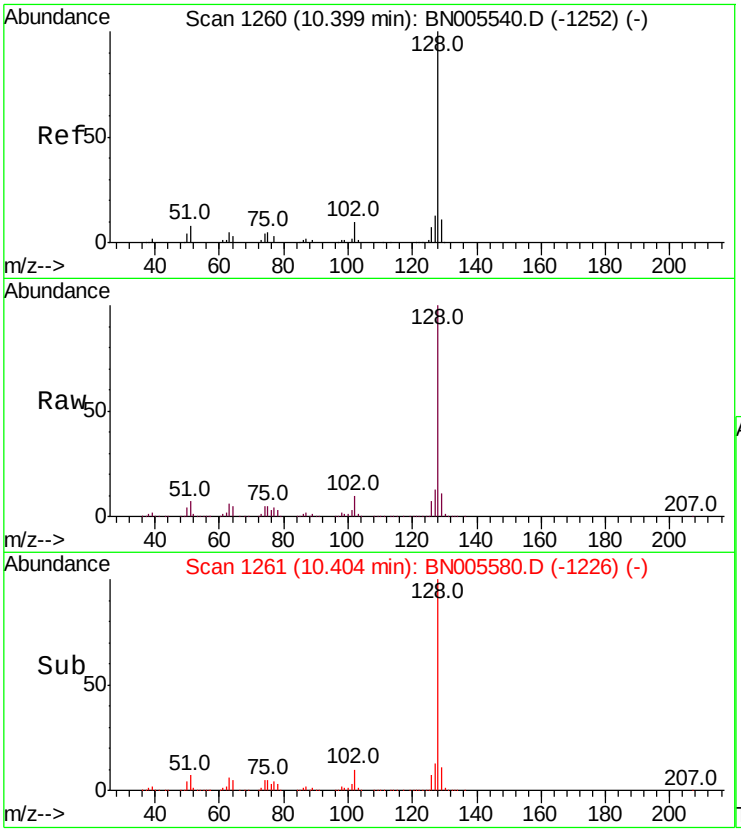
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration



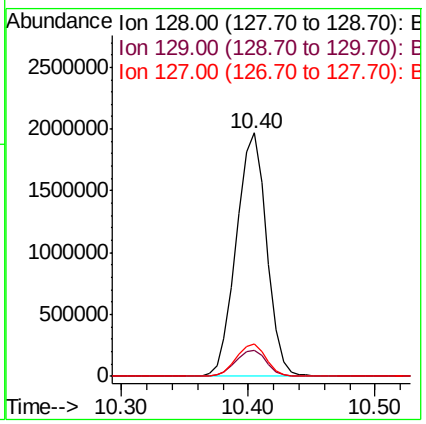


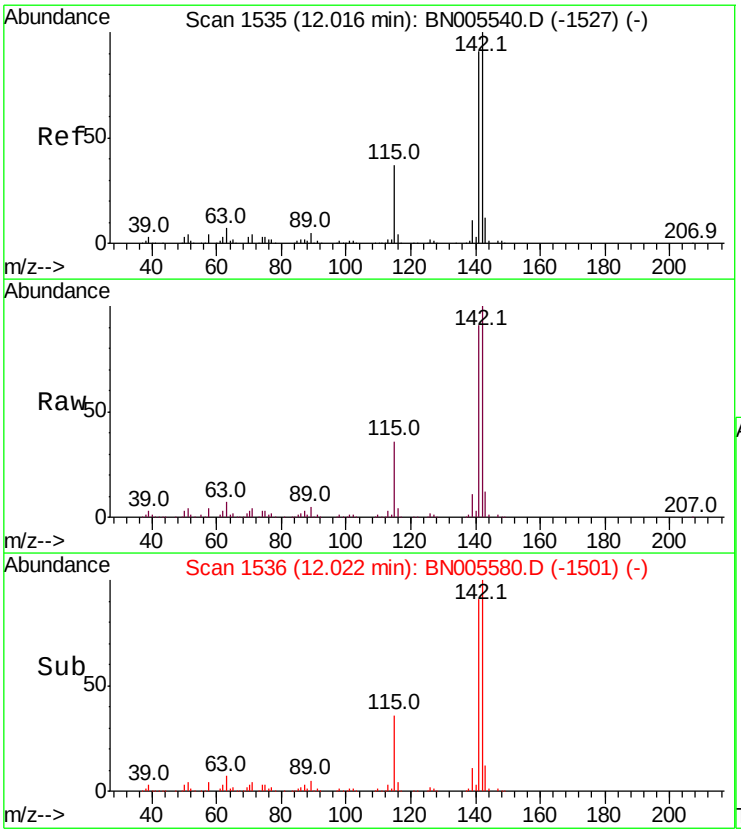
#28
Naphthalene
Concen: 44.579 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BN005580.D
Acq: 09 May 2019 23:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 3279024

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.2	13.8
127	13.4	10.7	16.1

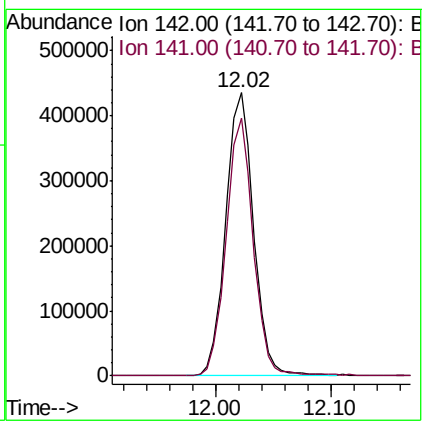


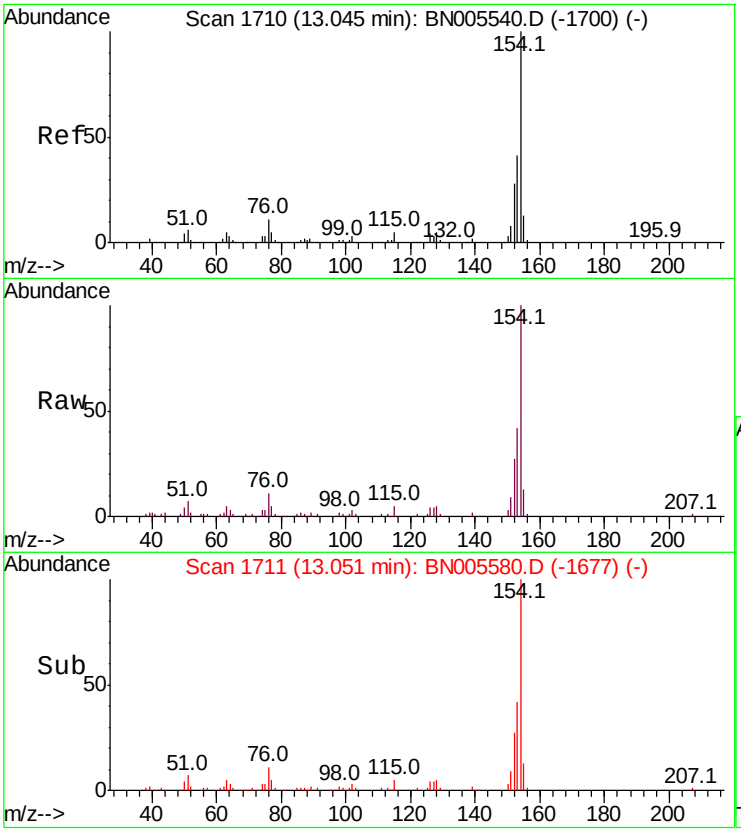


#34
2-Methylnaphthalene
Concen: 13.514 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BN005580.D
Acq: 09 May 2019 23:27

Tgt Ion:142 Resp: 727826

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.0	108.0



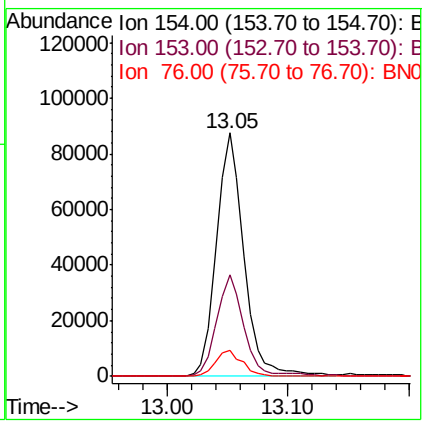


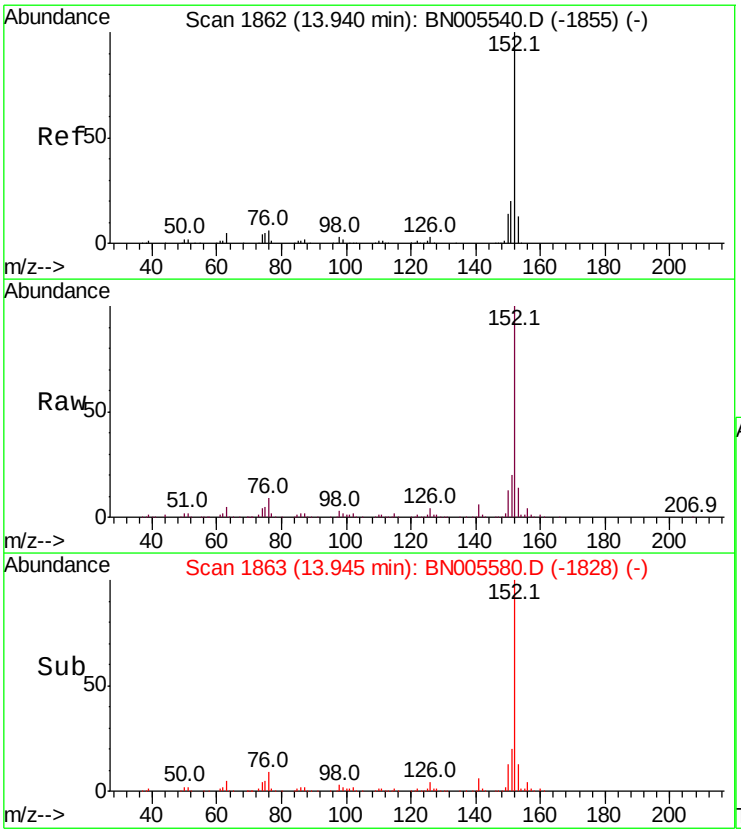
#40
1,1'-Biphenyl
Concen: 1.990 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BN005580.D
Acq: 09 May 2019 23:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 137735

Ion	Ratio	Lower	Upper
154	100		
153	41.8	32.6	49.0
76	10.5	10.4	15.6

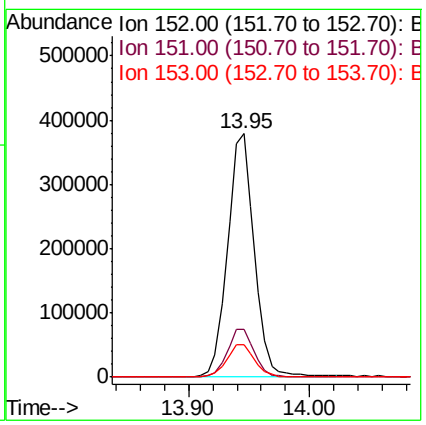


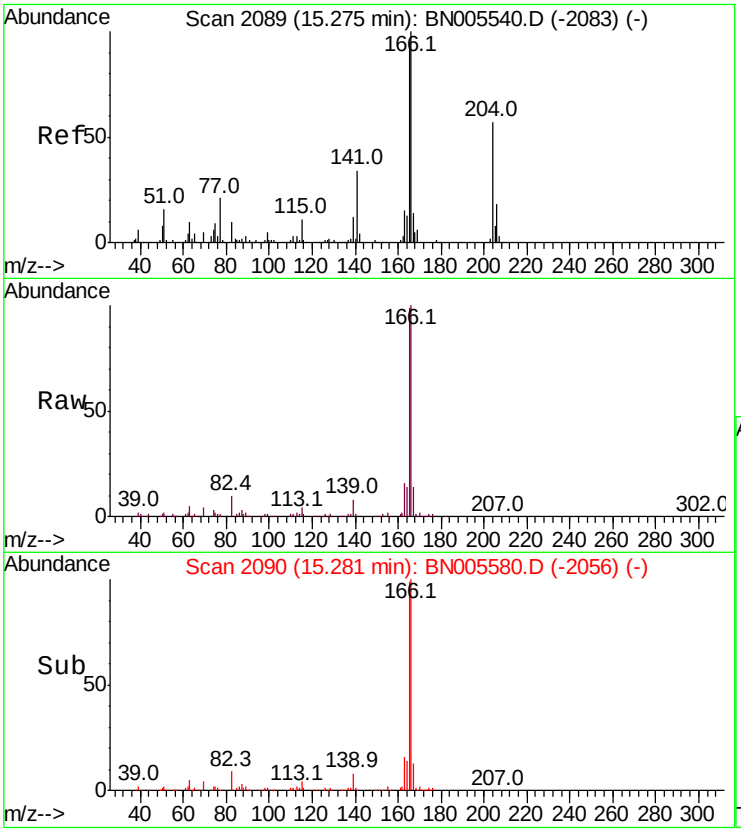


#47
Acenaphthylene
Concen: 7.107 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. 0.01 min
Lab File: BN005580.D
Acq: 09 May 2019 23:27

Tgt Ion:152 Resp: 578471

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	13.5	9.8	14.8



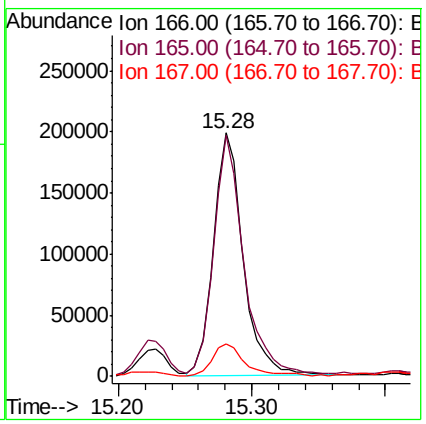


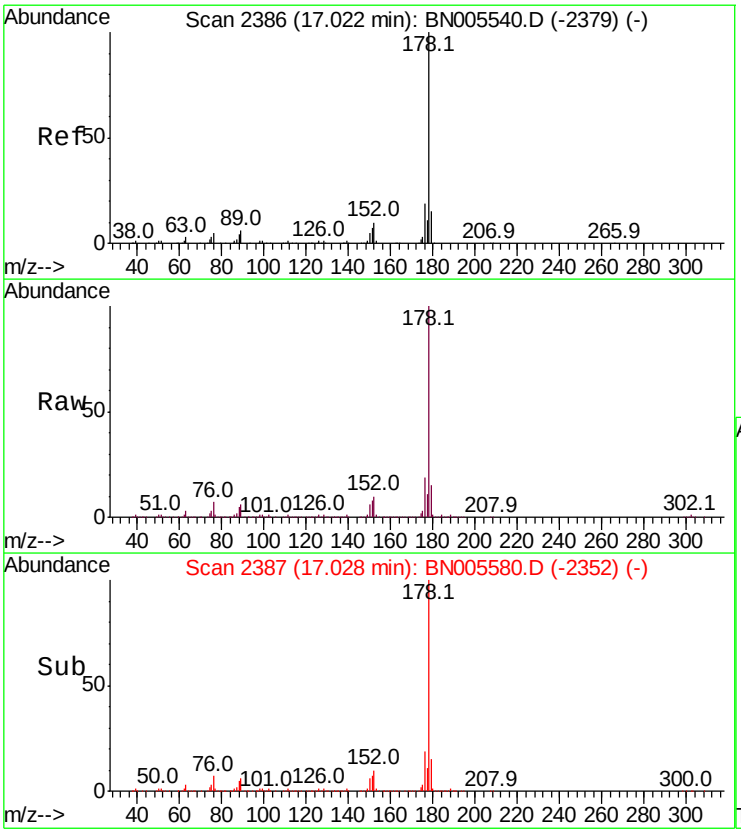
#58
Fluorene
Concen: 4.966 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BN005580.D
Acq: 09 May 2019 23:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 309983

Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.0	120.0
167	13.6	10.7	16.1

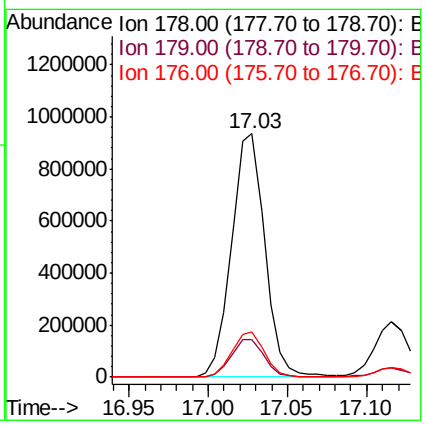


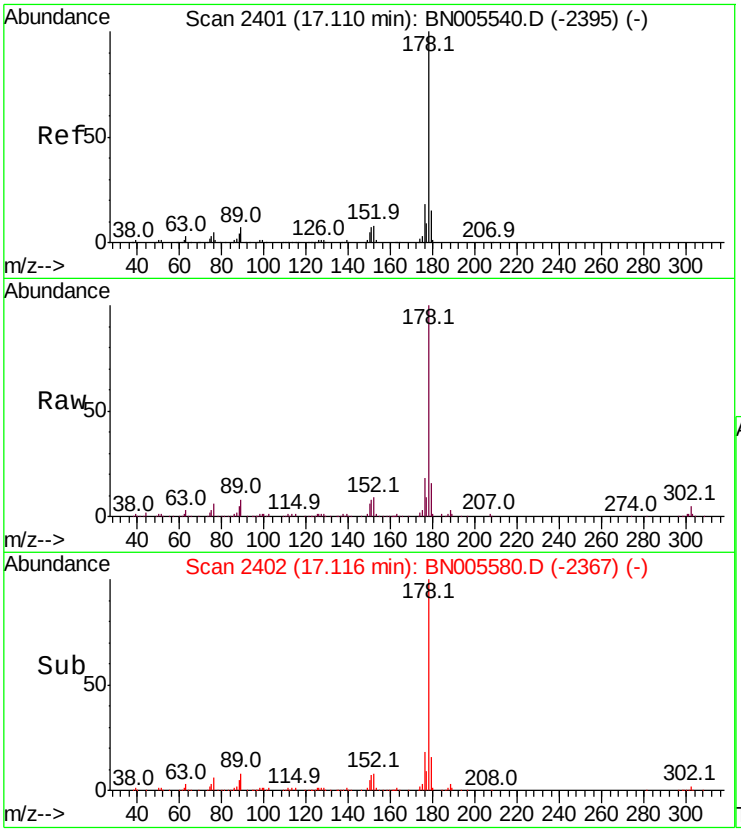


#69
Phenanthrene
Concen: 14.723 ng/ul
RT: 17.03 min Scan# 2387
Delta R.T. 0.01 min
Lab File: BN005580.D
Acq: 09 May 2019 23:27

Tgt Ion:178 Resp: 1357510

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	18.7	15.1	22.7



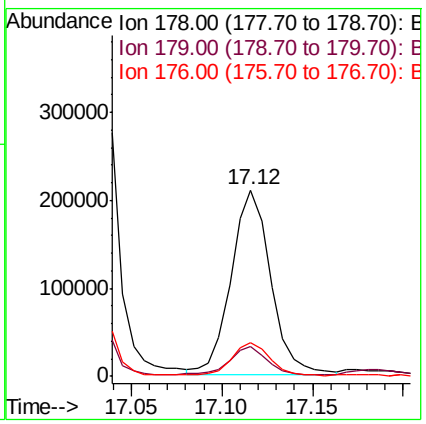


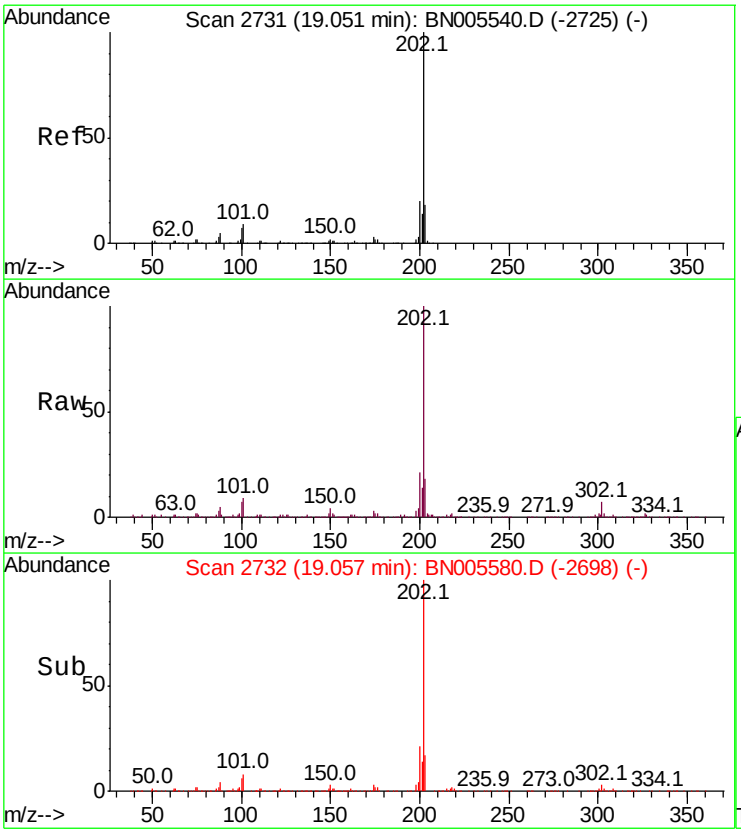
#71
Anthracene
Concen: 3.401 ng/ul
RT: 17.12 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BN005580.D
Acq: 09 May 2019 23:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 319475

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	18.2	15.1	22.7

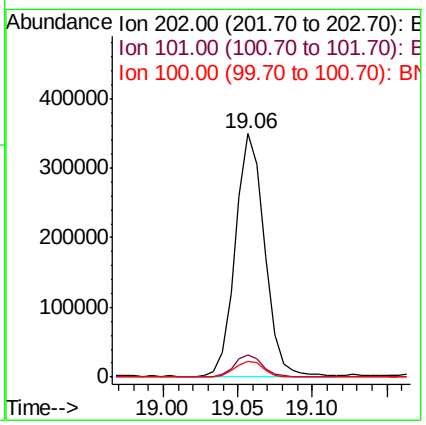


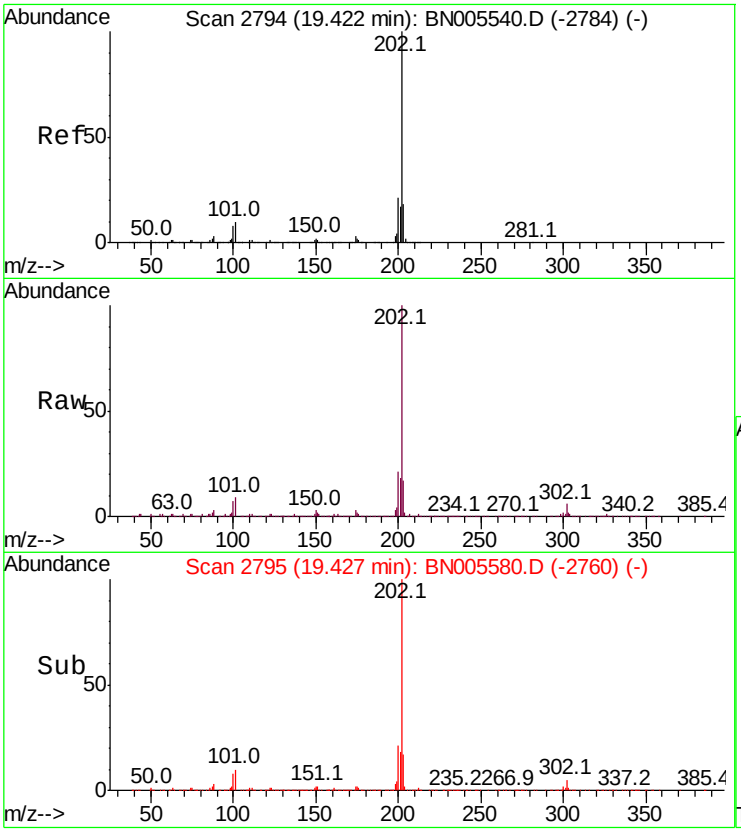


#76
Fluoranthene
Concen: 4.676 ng/ul
RT: 19.06 min Scan# 2732
Delta R.T. -0.00 min
Lab File: BN005580.D
Acq: 09 May 2019 23:27

Tgt Ion:202 Resp: 478257

Ion	Ratio	Lower	Upper
202	100		
101	9.2	8.6	12.8
100	6.7	6.3	9.5



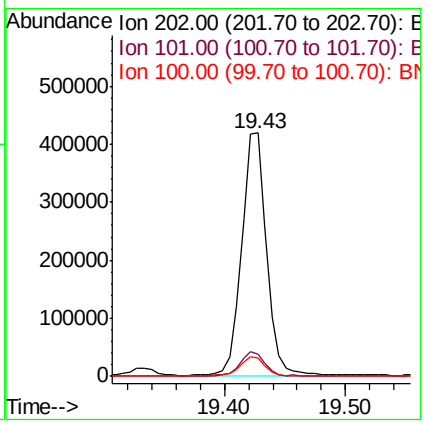


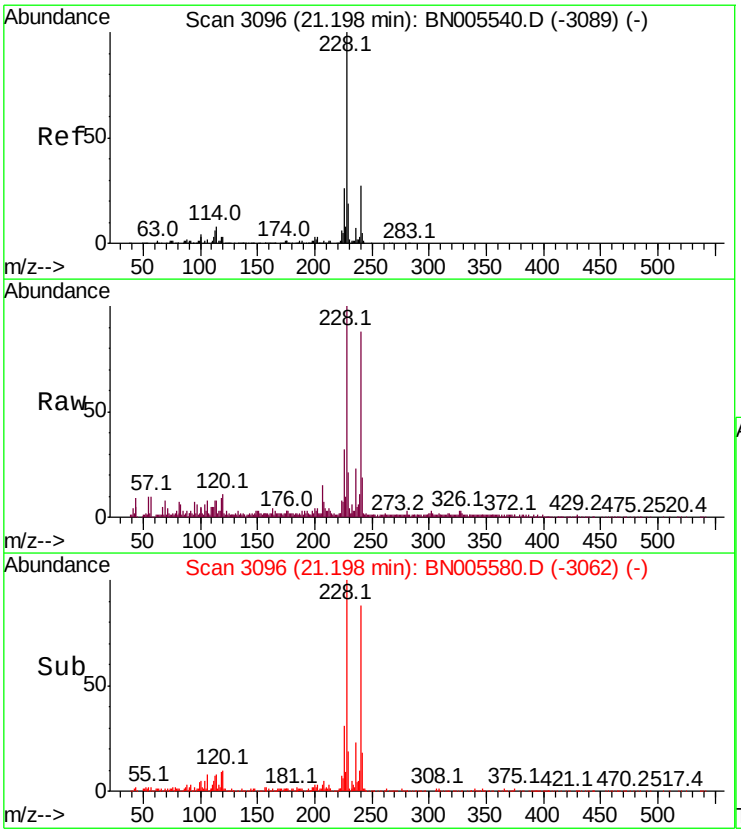
#79
Pyrene
Concen: 7.855 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.01 min
Lab File: BN005580.D
Acq: 09 May 2019 23:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 602492

Ion	Ratio	Lower	Upper
202	100		
101	9.1	10.3	15.5#
100	7.5	7.9	11.9#

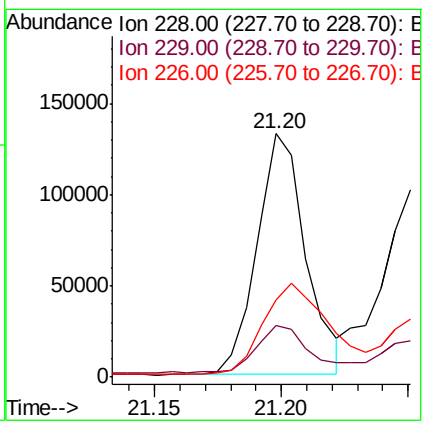


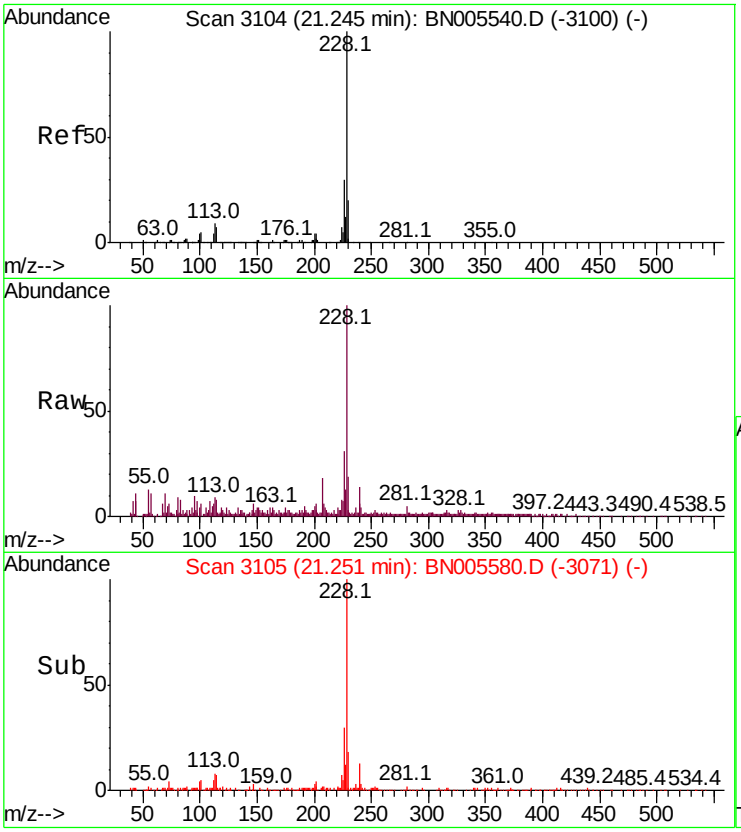


#82
Benzo(a)anthracene
Concen: 2.398 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN005580.D
Acq: 09 May 2019 23:27

Tgt Ion:228 Resp: 177756

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.6
226	31.9	21.4	32.2



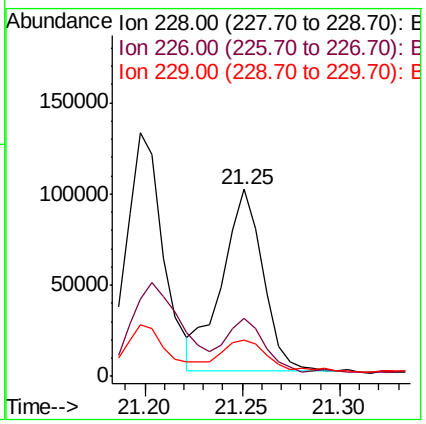


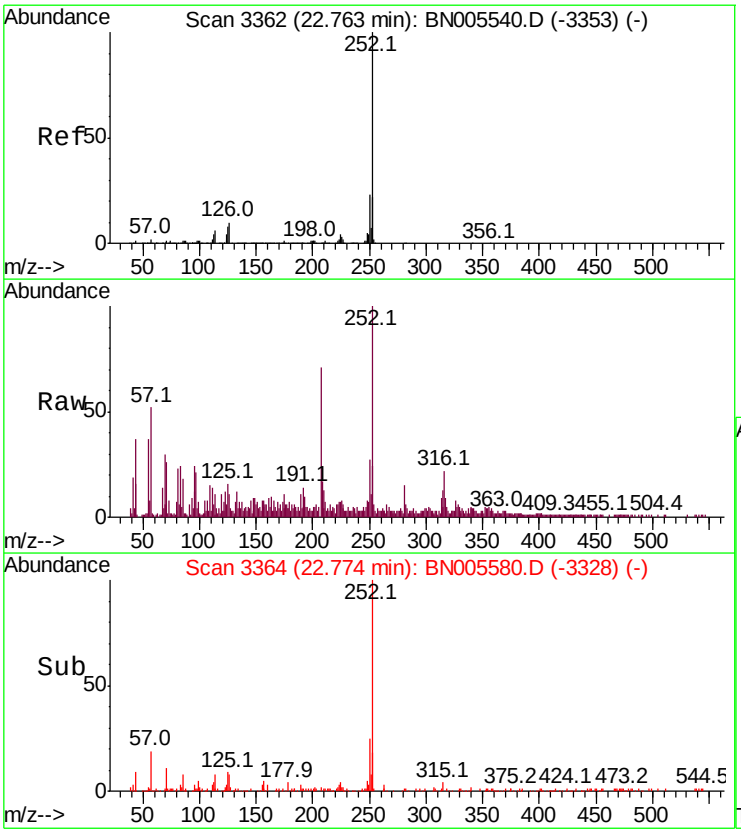
#84
Chrysene
Concen: 2.119 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN005580.D
Acq: 09 May 2019 23:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 145767

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.0	36.0
229	19.5	15.4	23.0

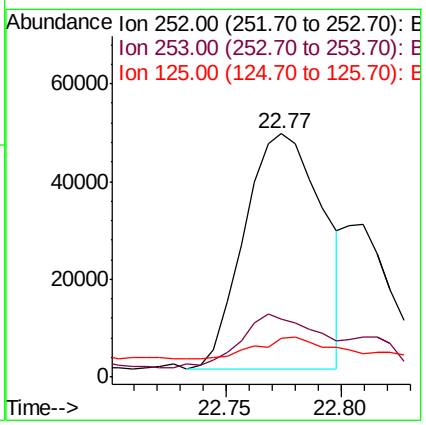


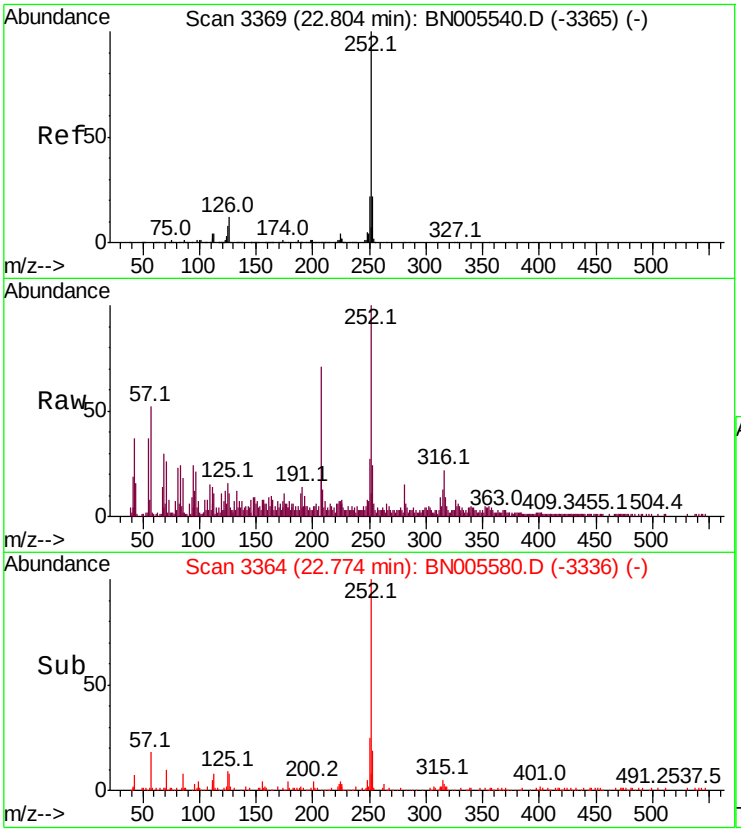


#87
Benzo(b)fluoranthene
Concen: 1.552 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BN005580.D
Acq: 09 May 2019 23:27

Tgt Ion:252 Resp: 113805

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.7	26.5
125	16.0	8.4	12.6#



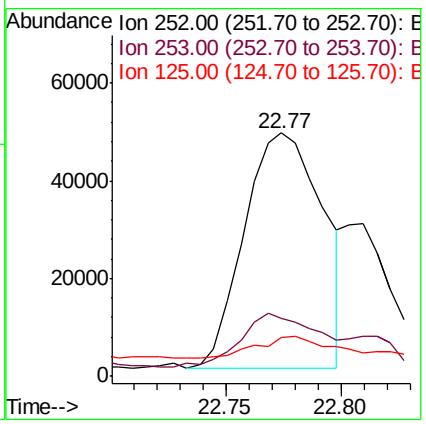


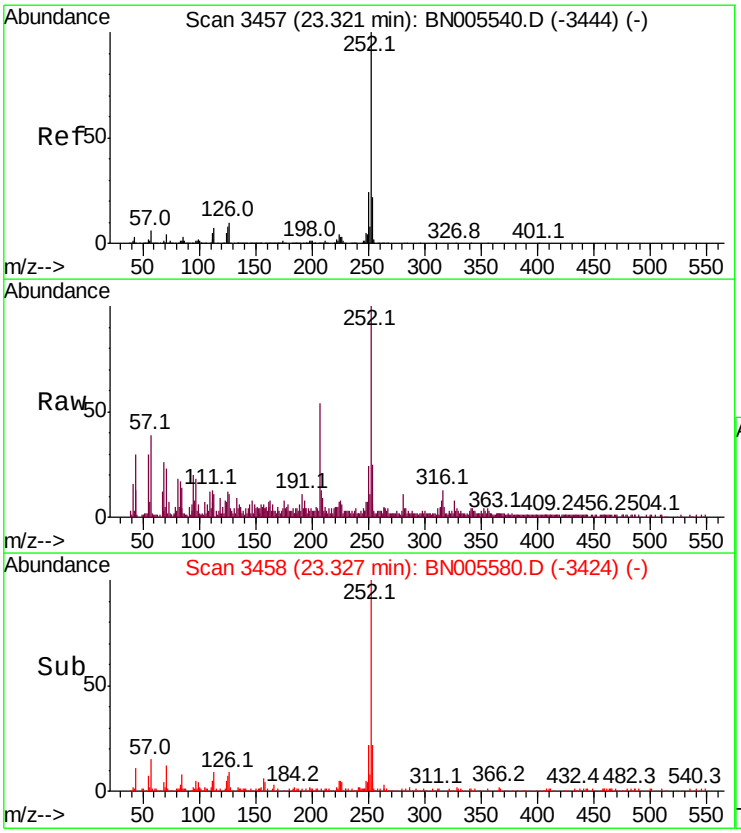
#88
Benzo(k)fluoranthene
Concen: 1.625 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. -0.04 min
Lab File: BN005580.D
Acq: 09 May 2019 23:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 113805

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	16.0	7.5	11.3#





#90
Benzo(a)pyrene
Concen: 1.783 ng/ul
RT: 23.33 min Scan# 3458
Delta R.T. -0.00 min
Lab File: BN005580.D
Acq: 09 May 2019 23:27

Tgt Ion:252 Resp: 122942

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.3	25.9
125	12.0	8.6	13.0