Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005429.D
Acq On : 02 May 2019 23:03
Operator : JU/SJ
Sample : K2456-03MEDL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHS3MEDL

Manual Integrations APPROVED
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5/3/2019 4:56:33 PM

Quant Time: May 03 04:42:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	265557	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1203958	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	796114	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1886296m	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1803603m	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	1737401	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	3641	0.66	ng/uL	0.00
5) Phenol-d5	6.78	99	65322	3.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	44142	3.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	56177	3.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	46359	2.84	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	32593	4.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	30352	4.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	55065	3.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	67850	3.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	226366	3.92	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	274836	3.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	12961	1.42	ng/ul	0.02
57) Fluorene-d10	15.22	176	202096	4.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	16790m	1.98	ng/ul	0.00
70) Anthracene-d10	17.07	188	315637	3.99	ng/ul	0.00
78) Pyrene-d10	19.39	212	360428	3.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	293558	3.87	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.40	128	5900190	105.417	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	1789017	43.654	ng/ul	100
40) 1,1'-Biphenyl	13.05	154	320644	5.406	ng/ul	98
47) Acenaphthylene	13.95	152	994965	14.264	ng/ul	98
49) Acenaphthene	14.29	153	98580	2.070	ng/ul	96
53) Dibenzofuran	14.63	168	113274	1.652	ng/ul	100
58) Fluorene	15.28	166	750494	14.028	ng/ul	98
69) Phenanthrene	17.02	178	3658437m	39.824	ng/ul	
71) Anthracene	17.11	178	813339	8.691	ng/ul	98
76) Fluoranthene	19.06	202	1509249m	14.812	ng/ul	
79) Pyrene	19.42	202	2156517	18.570	ng/ul	95
82) Benzo(a)anthracene	21.19	228	758246m	6.758	ng/ul	
84) Chrysene	21.25	228	632718	6.076	ng/ul	99
87) Benzo(b)fluoranthene	22.76	252	417018	4.270	ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	164994m	1.769	ng/ul	
90) Benzo(a)pyrene	23.32	252	482280	5.254	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.60	276	155693	1.534	ng/ul	98
93) Benzo(g,h,i)perylene	26.26	276	126605	1.509	ng/ul	94

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

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Instrument :
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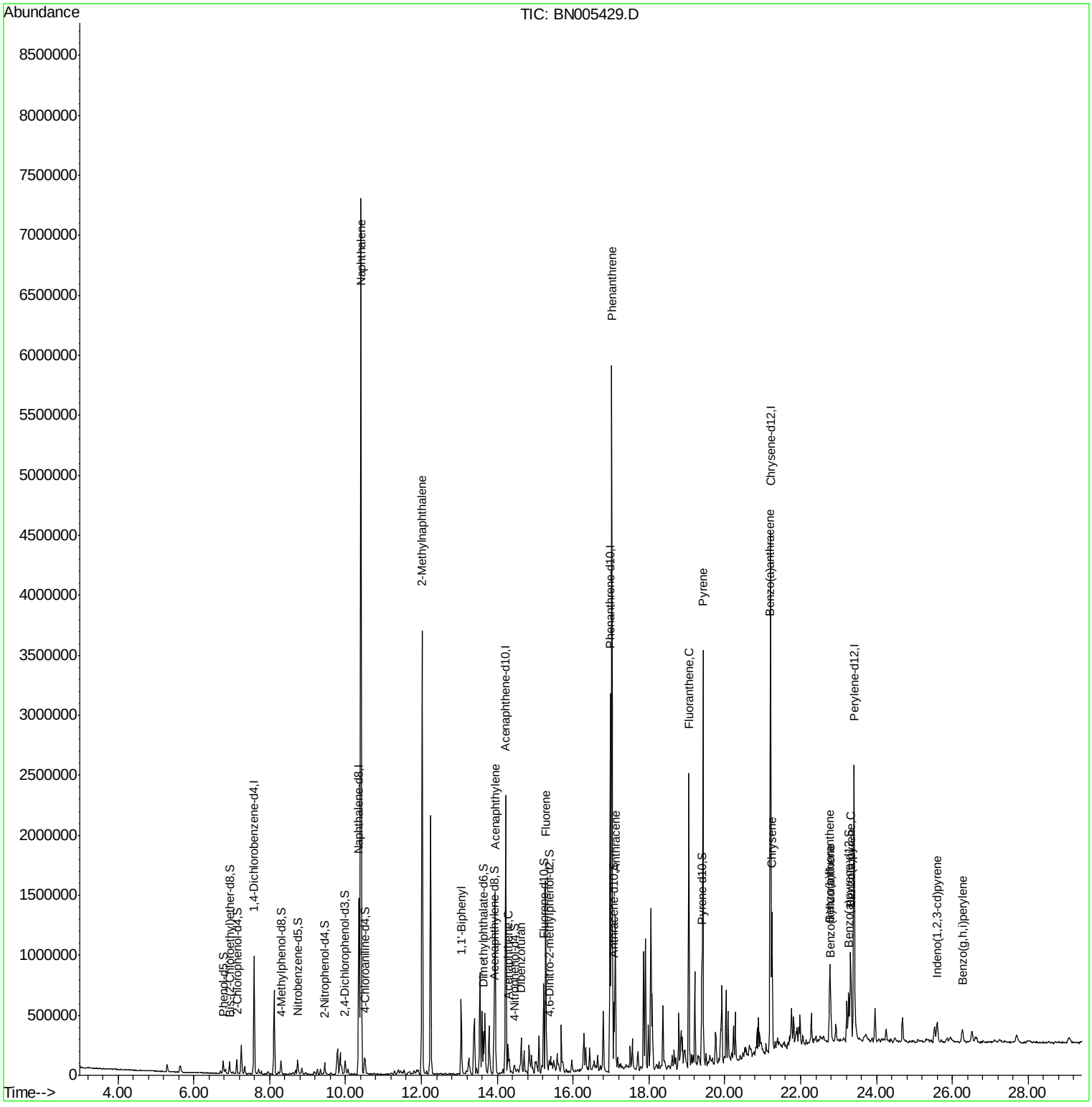
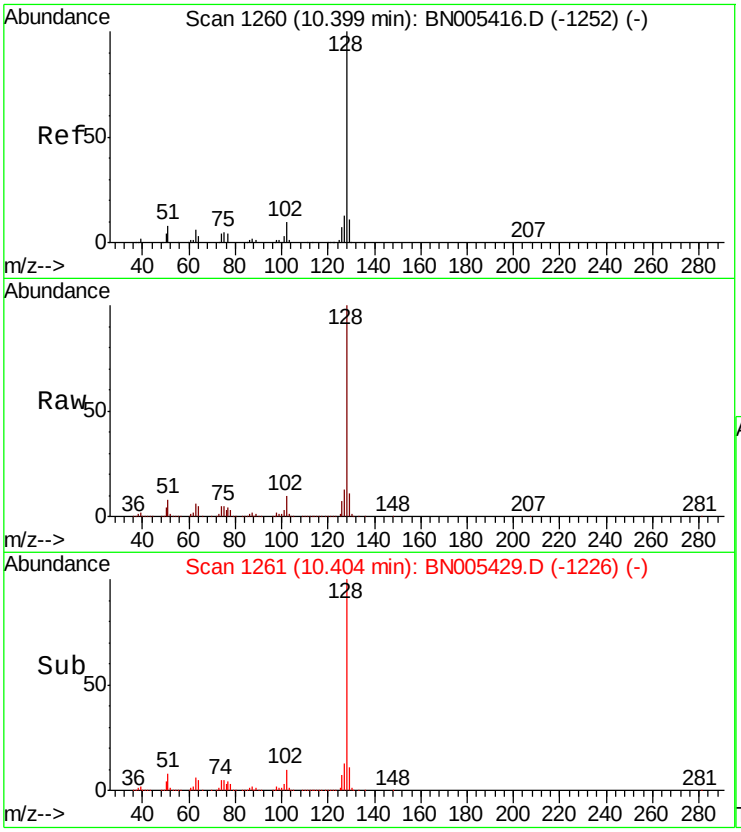
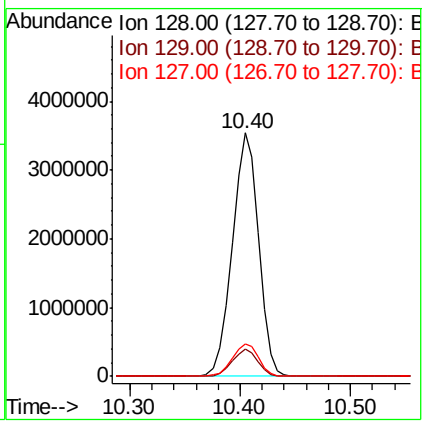




#28
Naphthalene
Concen: 105.417 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BN005429.D
Acq: 02 May 2019 23:03

Tgt Ion:128 Resp: 5900190

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.2	13.8
127	13.2	10.7	16.1



Instrument :
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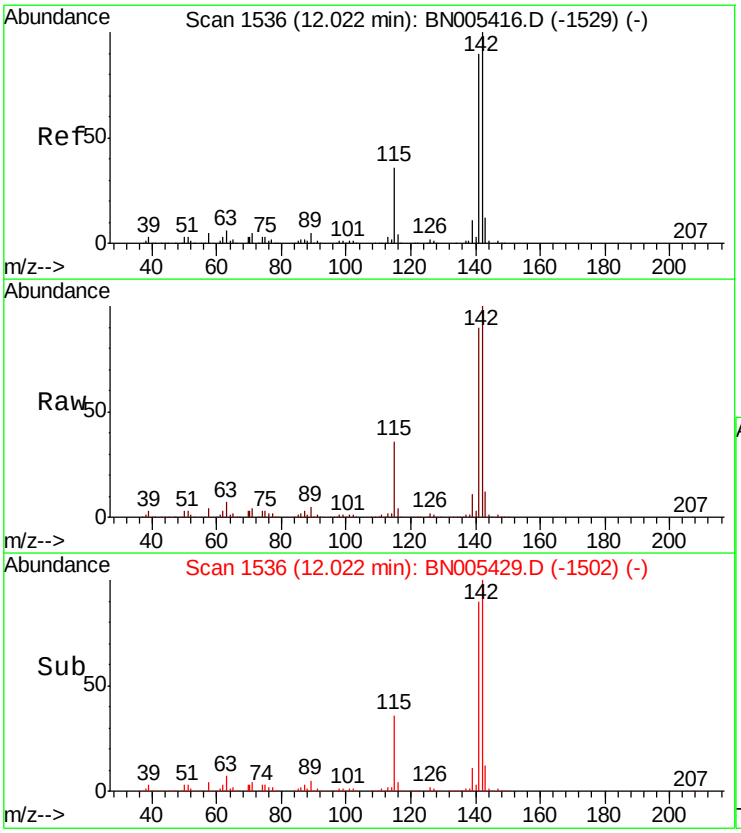
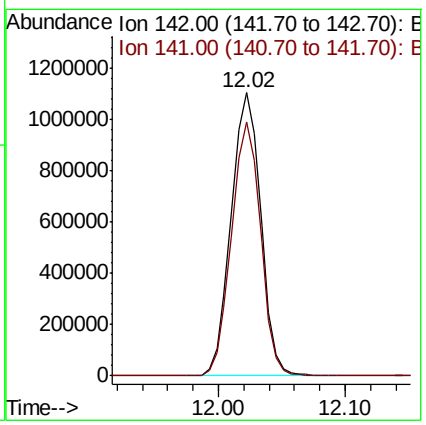
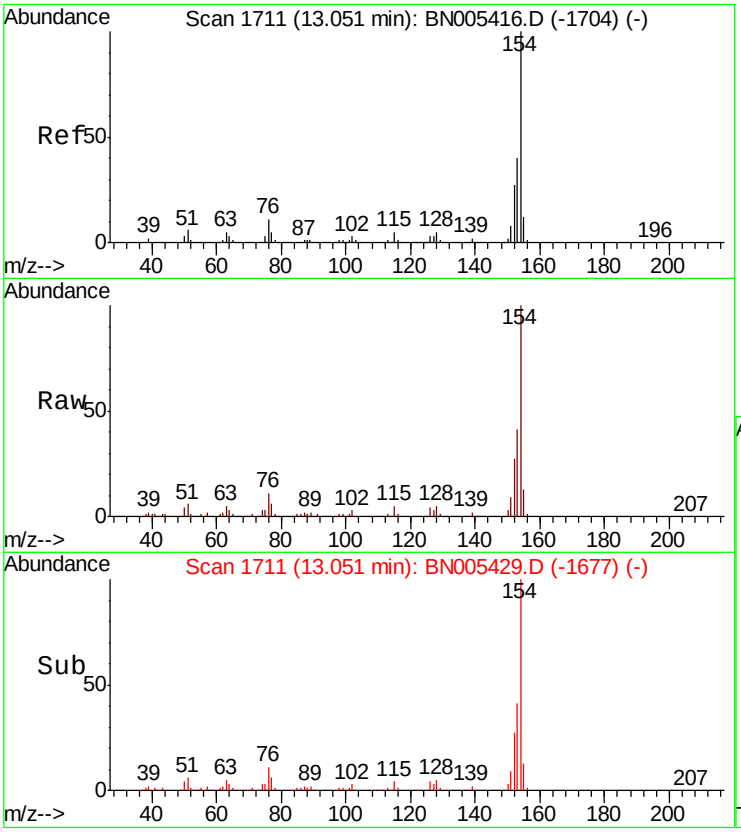


#34
2-Methylnaphthalene
Concen: 43.654 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BN005429.D
Acq: 02 May 2019 23:03

Tgt Ion:142 Resp: 1789017

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.0	108.0

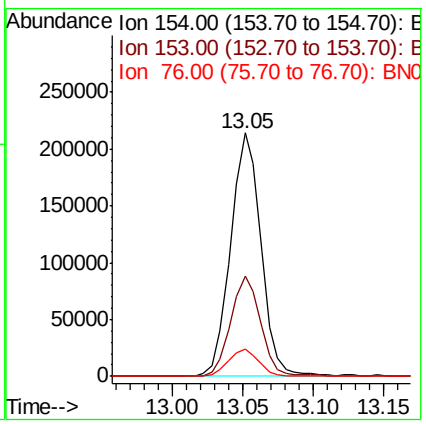




#40
1,1'-Biphenyl
Concen: 5.406 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BN005429.D
Acq: 02 May 2019 23:03

Tgt Ion:154 Resp: 320644

Ion	Ratio	Lower	Upper
154	100		
153	41.2	32.6	49.0
76	11.3	10.4	15.6



Instrument :
BNA_N
ClientSampleId :
GAHS3MEDL

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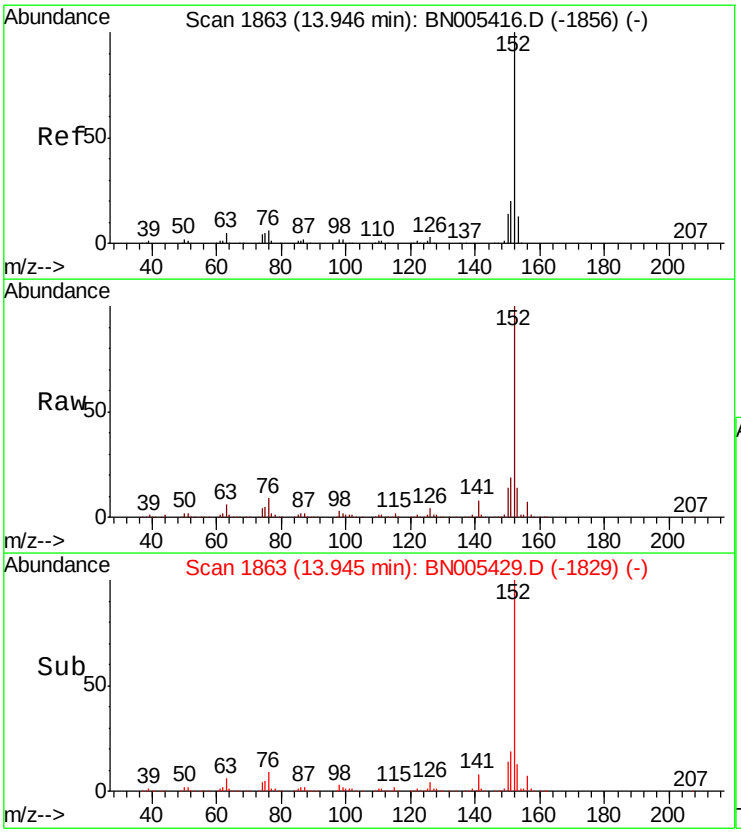
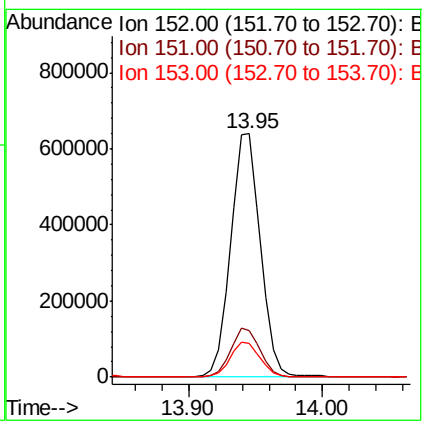
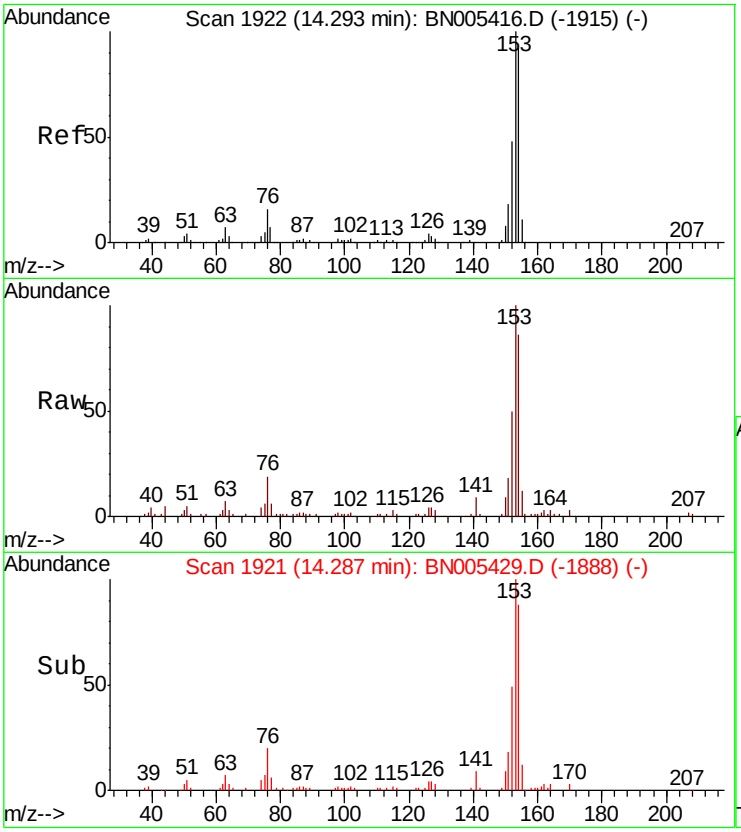


#47
Acenaphthylene
Concen: 14.264 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BN005429.D
Acq: 02 May 2019 23:03

Tgt Ion:152 Resp: 994965

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.8	23.8
153	13.6	9.8	14.8

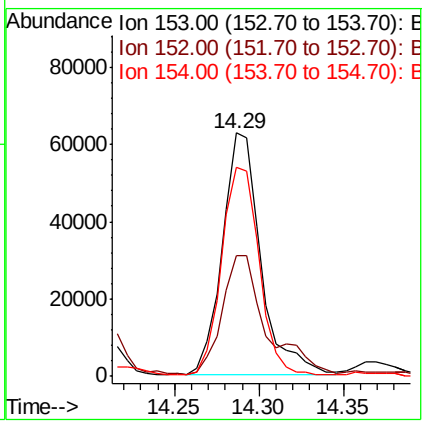




#49
Acenaphthene
Concen: 2.070 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BN005429.D
Acq: 02 May 2019 23:03

Tgt Ion:153 Resp: 98580

Ion	Ratio	Lower	Upper
153	100		
152	49.7	37.4	56.0
154	85.7	71.2	106.8



Instrument :
BNA_N
ClientSampleId :
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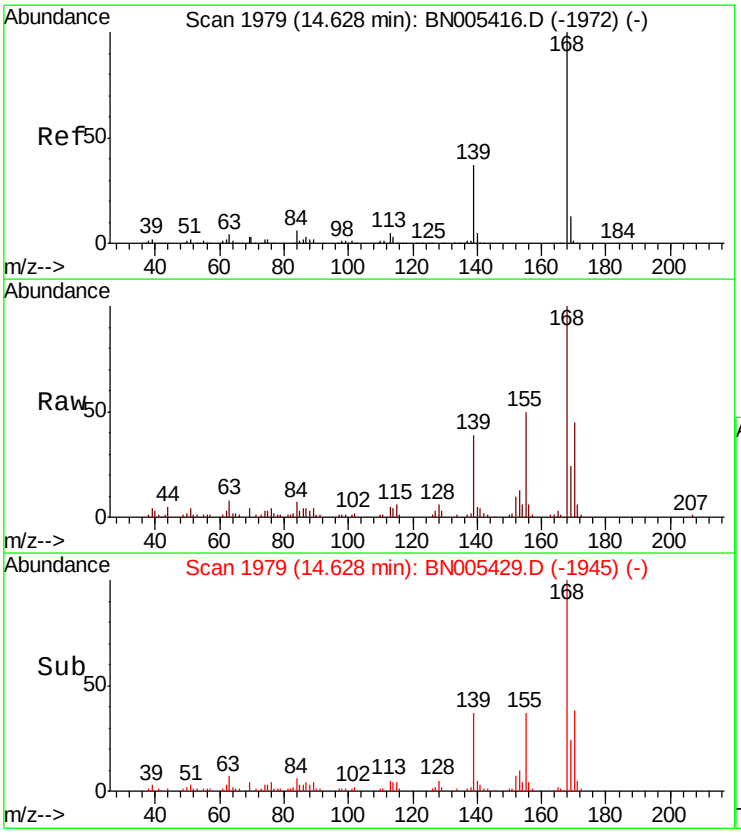
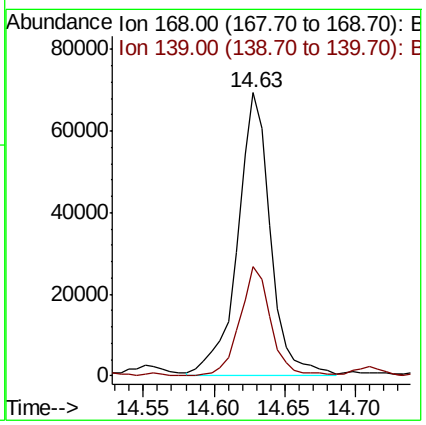
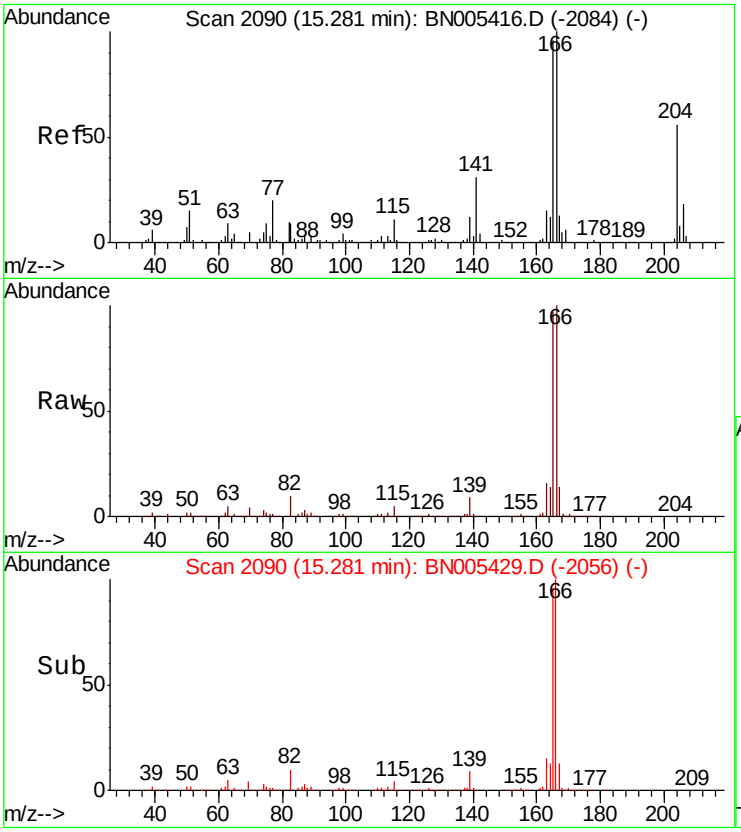


#53
Dibenzofuran
Concen: 1.652 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BN005429.D
Acq: 02 May 2019 23:03

Tgt Ion:168 Resp: 113274

Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.9	46.3

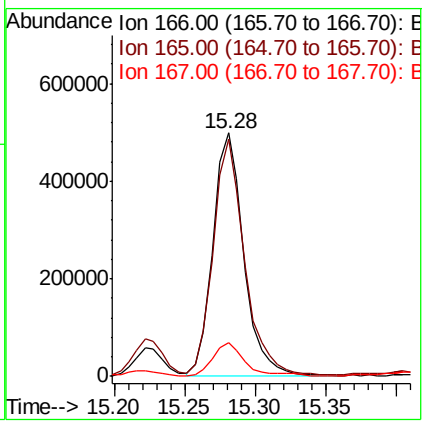




#58
Fluorene
Concen: 14.028 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BN005429.D
Acq: 02 May 2019 23:03

Tgt Ion:166 Resp: 750494

Ion	Ratio	Lower	Upper
166	100		
165	97.3	80.0	120.0
167	13.6	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
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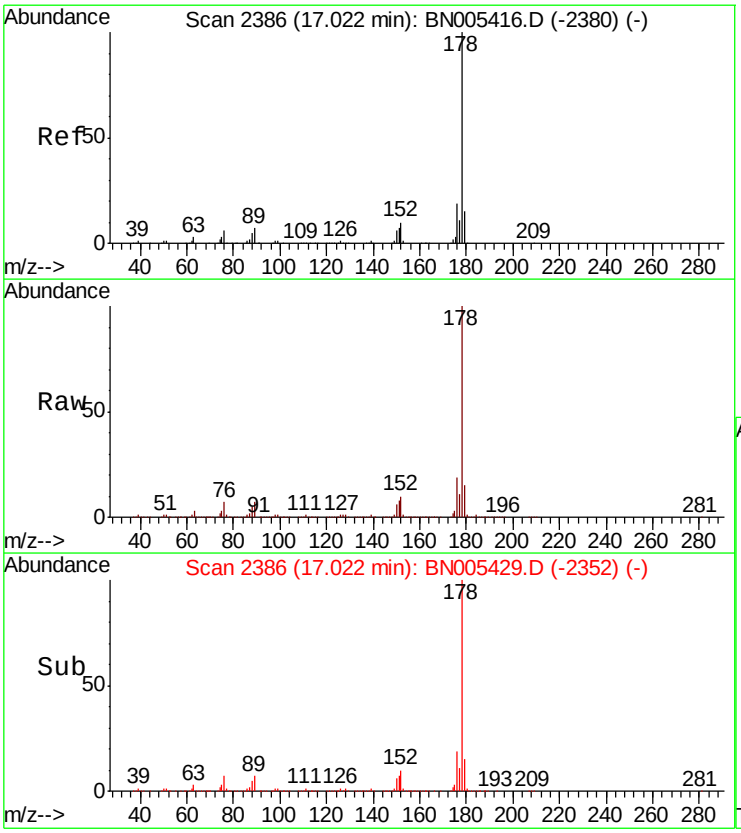
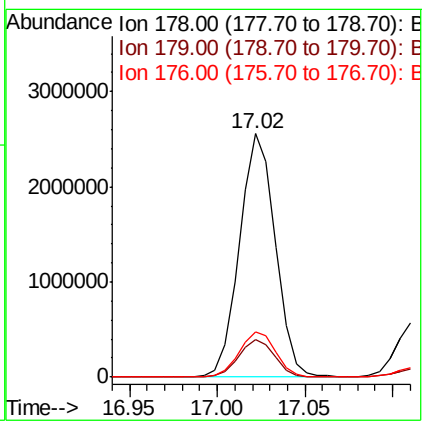
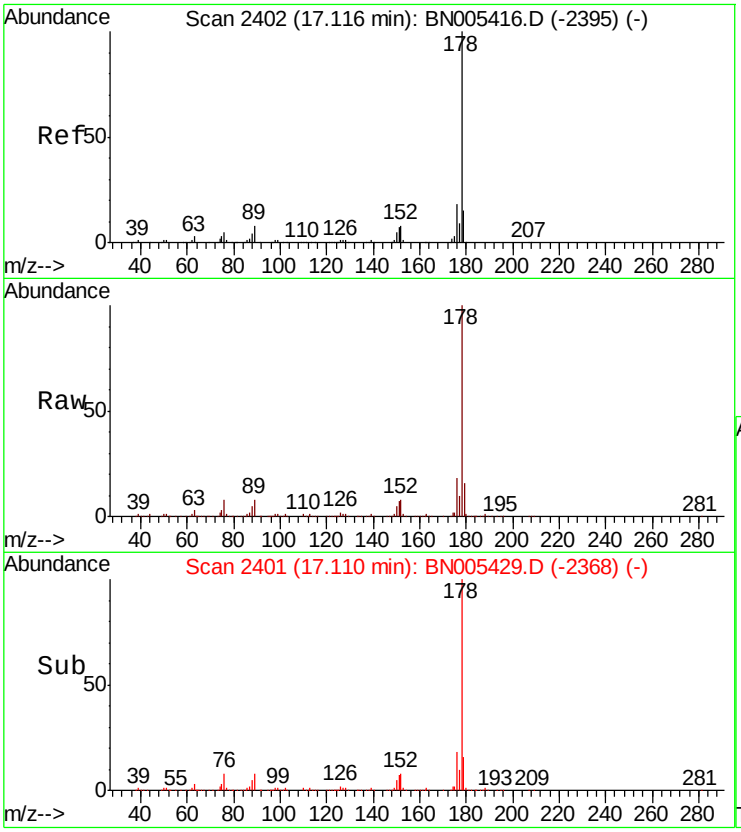


#69
Phenanthrene
Concen: 39.824 ng/ul m
RT: 17.02 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BN005429.D
Acq: 02 May 2019 23:03

Tgt Ion:178 Resp: 3658437

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

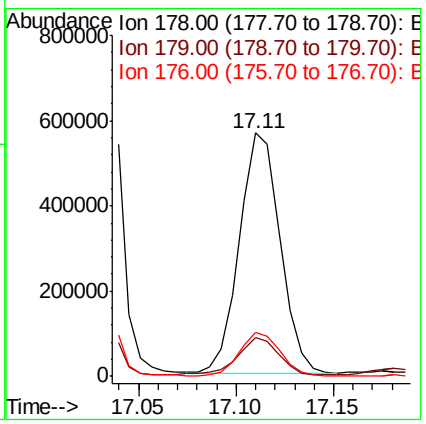




#71
Anthracene
Concen: 8.691 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BN005429.D
Acq: 02 May 2019 23:03

Tgt Ion:178 Resp: 813339

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	17.9	15.1	22.7



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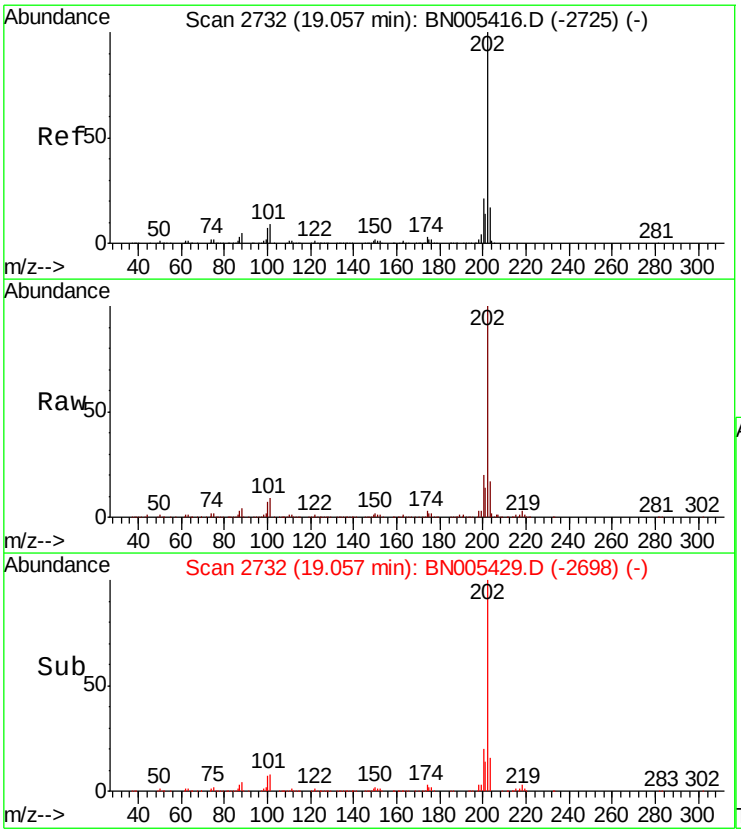
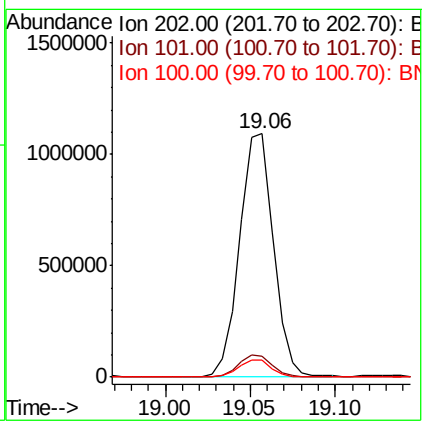
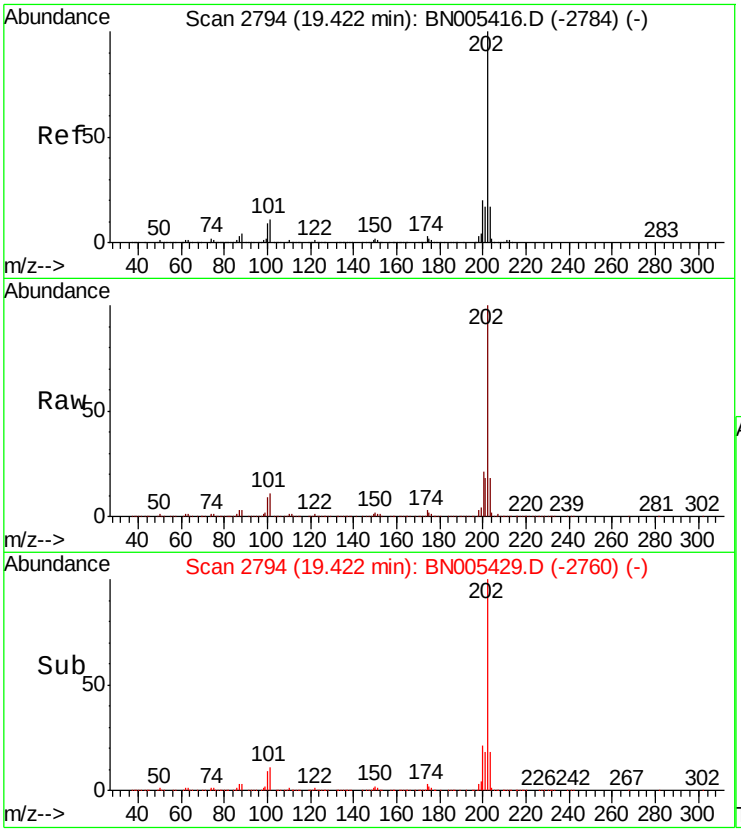


#76
Fluoranthene
Concen: 14.812 ng/ul m
RT: 19.06 min Scan# 2732
Delta R.T. -0.00 min
Lab File: BN005429.D
Acq: 02 May 2019 23:03

Tgt Ion:202 Resp: 1509249

Ion	Ratio	Lower	Upper
202	100		
101	8.7	8.6	12.8
100	6.8	6.3	9.5

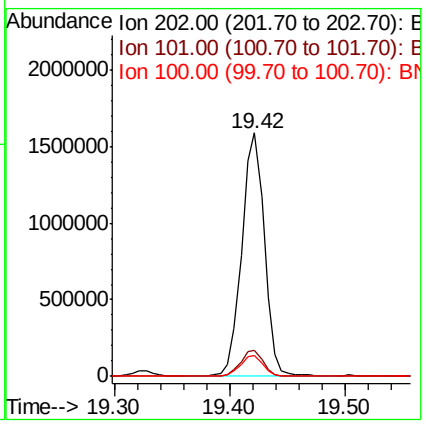




#79
Pyrene
Concen: 18.570 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BN005429.D
Acq: 02 May 2019 23:03

Tgt Ion:202 Resp: 2156517

Ion	Ratio	Lower	Upper
202	100		
101	10.7	10.3	15.5
100	8.6	7.9	11.9



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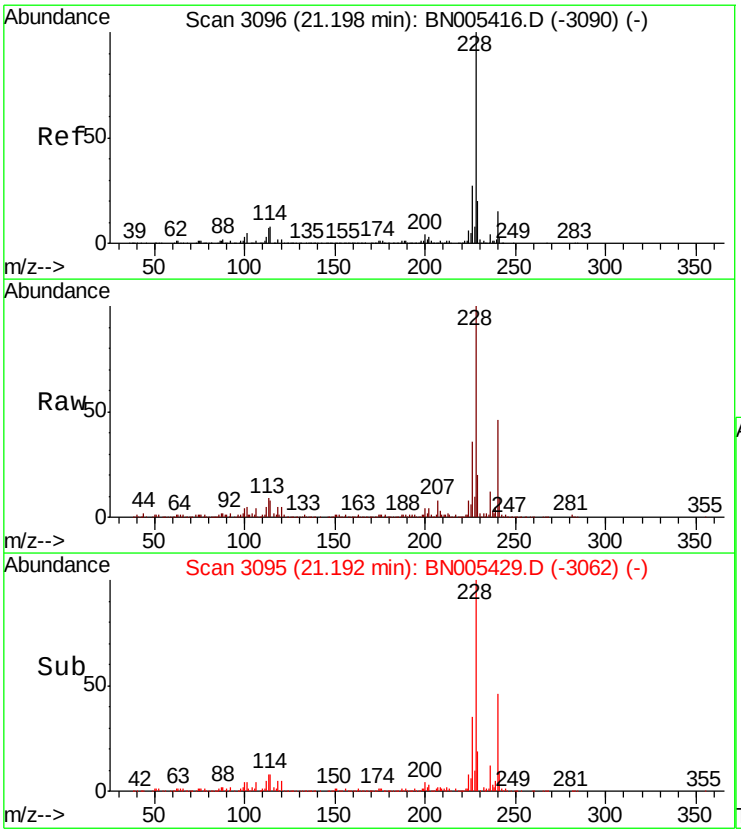
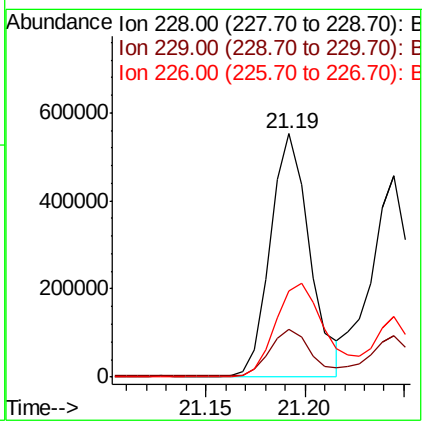
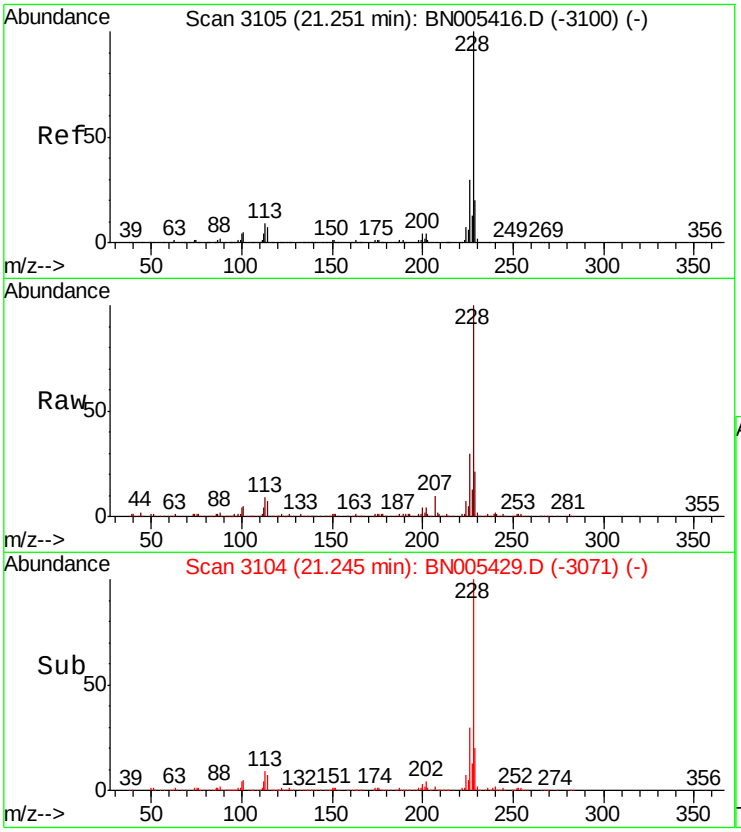


#82
Benzo(a)anthracene
Concen: 6.758 ng/ul m
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BN005429.D
Acq: 02 May 2019 23:03

Tgt Ion:228 Resp: 758246

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.8	23.6
226	35.6	21.4	32.2#

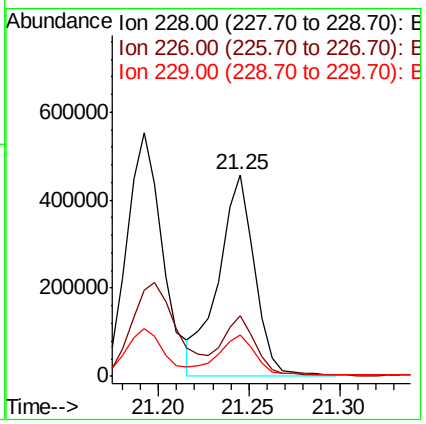




#84
Chrysene
Concen: 6.076 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN005429.D
Acq: 02 May 2019 23:03

Tgt Ion:228 Resp: 632718

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	20.6	15.4	23.0



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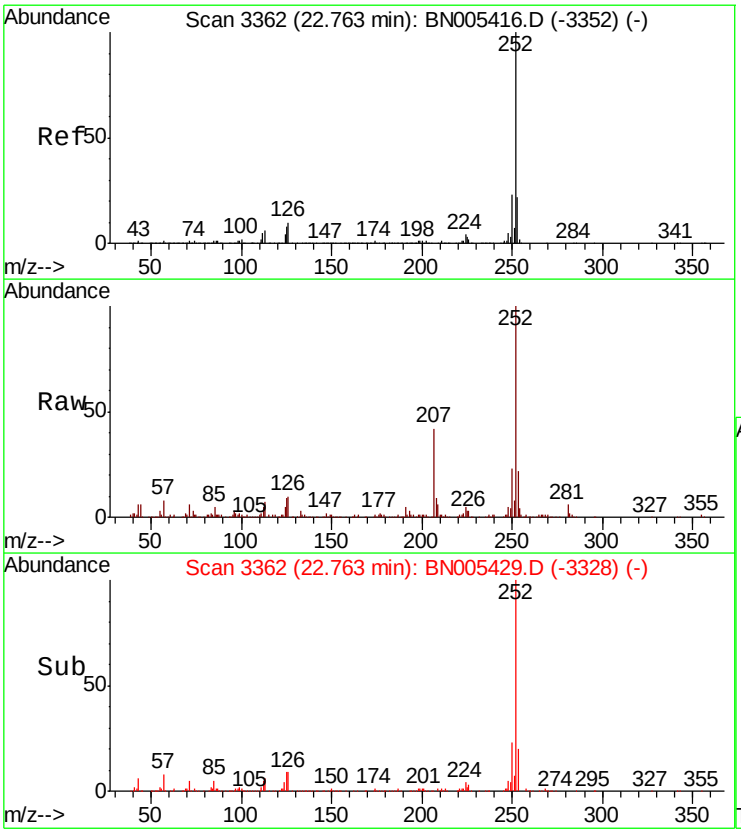
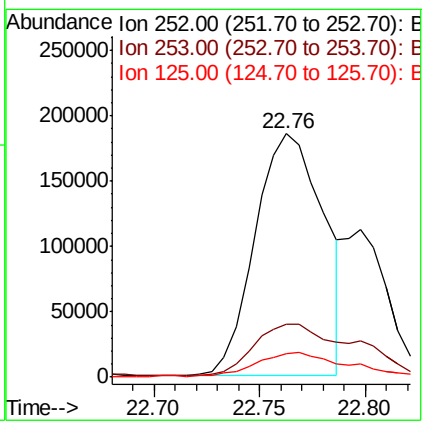
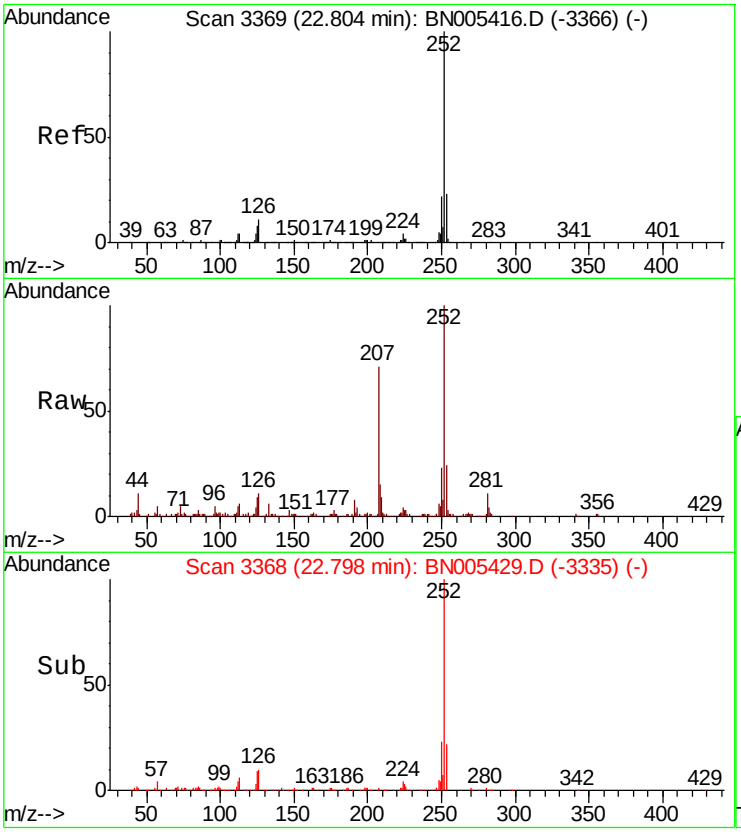


#87
Benzo(b)fluoranthene
Concen: 4.270 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.00 min
Lab File: BN005429.D
Acq: 02 May 2019 23:03

Tgt Ion:252 Resp: 417018

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	9.4	8.4	12.6

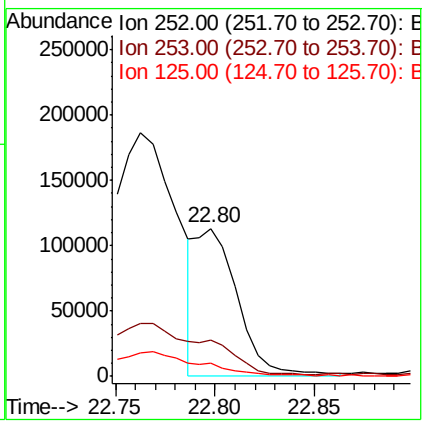




#88
Benzo(k)fluoranthene
Concen: 1.769 ng/ul m
RT: 22.80 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BN005429.D
Acq: 02 May 2019 23:03

Tgt Ion:252 Resp: 164994

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.0
125	9.2	7.5	11.3



Instrument :
BNA_N
ClientSampleId :
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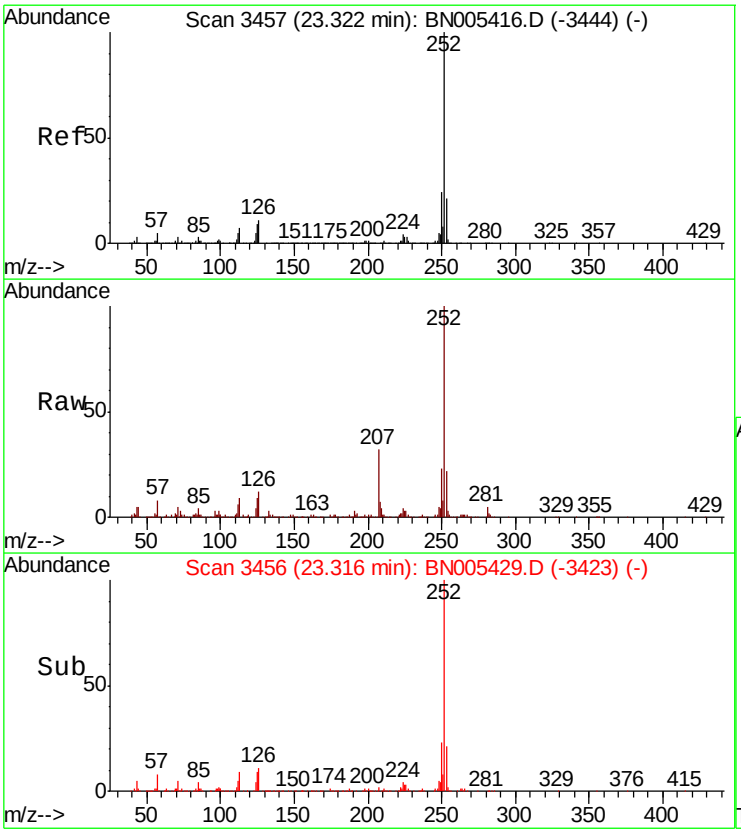
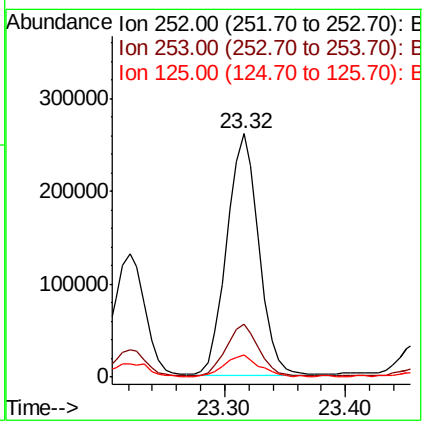
Manual Integrations APPROVED
Sohil
5/3/2019 4:56:33 PM

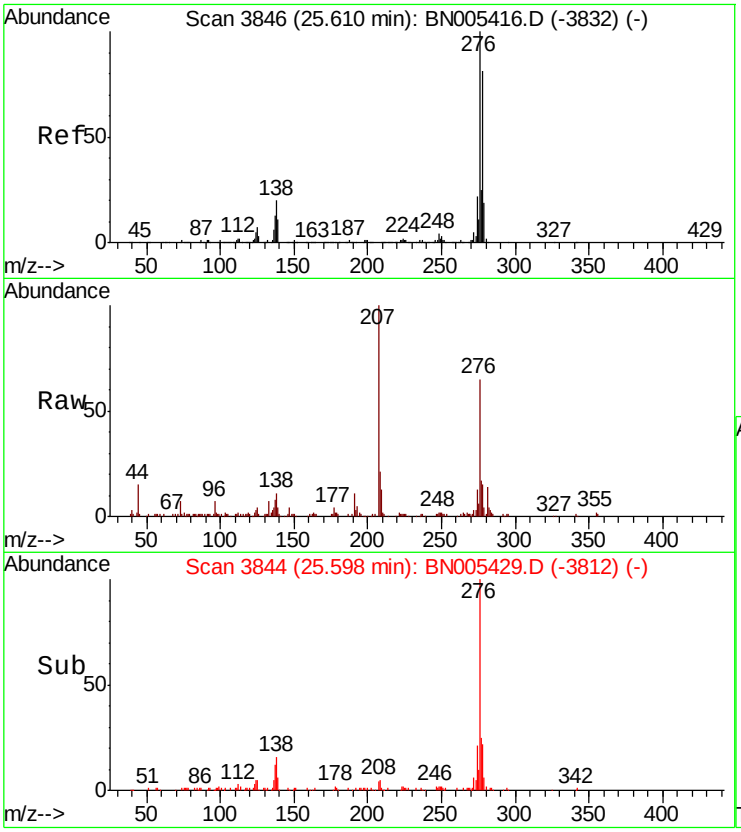


#90
Benzo(a)pyrene
Concen: 5.254 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BN005429.D
Acq: 02 May 2019 23:03

Tgt Ion:252 Resp: 482280

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	9.3	8.6	13.0

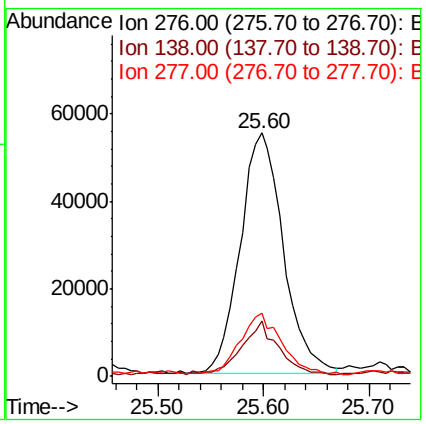




#91
Indeno(1,2,3-cd)pyrene
Concen: 1.534 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BN005429.D
Acq: 02 May 2019 23:03

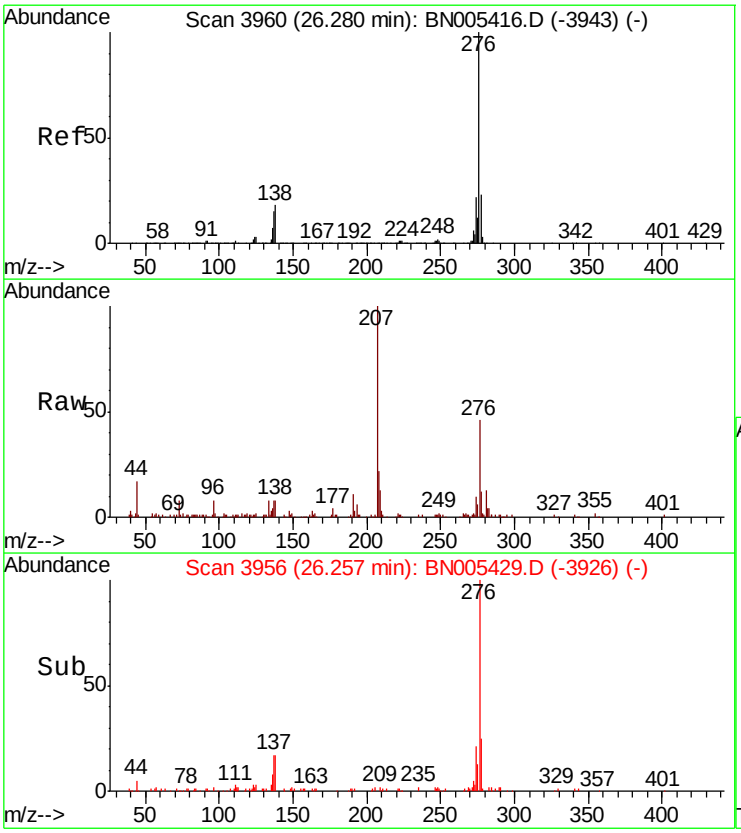
Tgt Ion:276 Resp: 155693

Ion	Ratio	Lower	Upper
276	100		
138	22.8	17.9	26.9
277	26.0	19.7	29.5



Instrument :
BNA_N
ClientSampleId :
GAHS3MEDL

Manual Integrations APPROVED
Sohil
5/3/2019 4:56:33 PM



#93
Benzo(g,h,i)perylene
Concen: 1.509 ng/ul
RT: 26.26 min Scan# 3956
Delta R.T. -0.02 min
Lab File: BN005429.D
Acq: 02 May 2019 23:03

Tgt Ion:276 Resp: 126605

Ion	Ratio	Lower	Upper
276	100		
138	17.6	16.7	25.1
277	25.1	18.2	27.2