

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
 Data File : BN009180.D
 Acq On : 26 Dec 2019 19:40
 Operator : JU
 Sample : K6381-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB5R4

Manual Integrations
 APPROVED

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 12/27/2019 3:20:13 PM

Quant Time: Dec 27 02:04:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 27 01:30:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	295423	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1332886	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.15	164	863692	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	1794686	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1522708	20.00	ng/ul	0.00
85) Perylene-d12	23.25	264	1385316	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	36583	5.66	ng/uL	0.00
5) Phenol-d5	6.72	99	850185	30.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	563034	31.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	647161	32.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	706280	31.15	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	340606	33.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	387544	34.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	678205	32.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	930438	36.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	2014995	31.06	ng/ul	0.00
46) Acenaphthylene-d8	13.84	160	2578471	33.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	378921	29.38	ng/ul	0.00
57) Fluorene-d10	15.15	176	1854983	32.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	241608	21.58	ng/ul	0.00
70) Anthracene-d10	17.00	188	2749408	32.93	ng/ul	0.00
78) Pyrene-d10	19.30	212	3000729	37.77	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	2380189	34.10	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.68	77	22283	1.266	ng/ul#	85
28) Naphthalene	10.33	128	74018	1.040	ng/ul	97
44) Dimethylphthalate	13.62	163	107610	1.622	ng/ul	100
69) Phenanthrene	16.95	178	775917	7.841	ng/ul	98
71) Anthracene	17.03	178	152460	1.498	ng/ul	98
76) Fluoranthene	18.97	202	1308894	11.453	ng/ul	99
79) Pyrene	19.33	202	1136885	10.765	ng/ul	99
82) Benzo(a)anthracene	21.10	228	577100	5.609	ng/ul#	93
84) Chrysene	21.15	228	559791	5.661	ng/ul	99
87) Benzo(b)fluoranthene	22.62	252	588315	6.948	ng/ul	97
88) Benzo(k)fluoranthene	22.66	252	210399m	2.545	ng/ul	
90) Benzo(a)pyrene	23.16	252	342521	4.406	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.34	276	190641	2.024	ng/ul	98
93) Benzo(g,h,i)perylene	25.99	276	186450	2.366	ng/ul	97

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

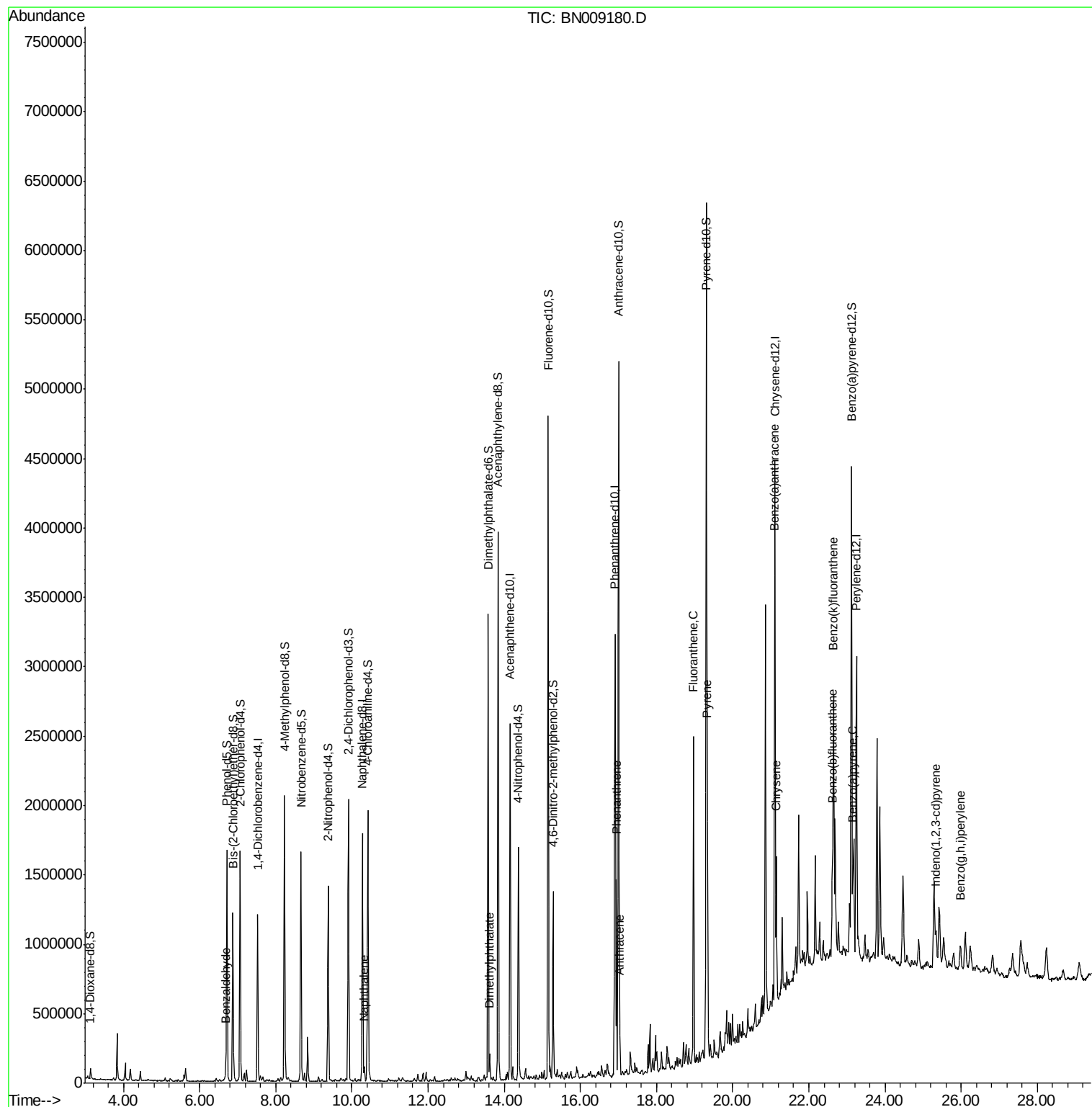
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
Data File : BN009180.D
Acq On : 26 Dec 2019 19:40
Operator : JU
Sample : K6381-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

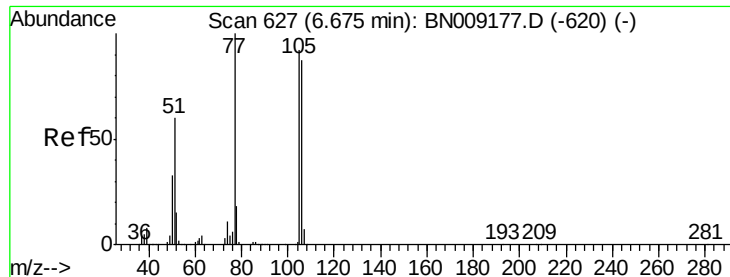
Instrument :
BNA_N
ClientSampleId :
CB5R4

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Quant Time: Dec 27 02:04:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 27 01:30:55 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.266 ng/ul

RT: 6.68 min Scan# 628

Delta R.T. 0.01 min

Lab File: BN009180.D

Acq: 26 Dec 2019 19:40

Instrument :

BNA_N

ClientSampled :

CB5R4

Tot Ion: 77 Resp: 22283

Ion Ratio Lower Upper

77 100

105 114.9 73.9 110.9#

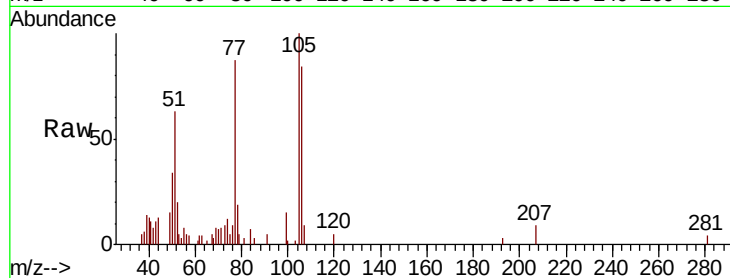
106 96.7 72.1 108.1

Manual Integrations

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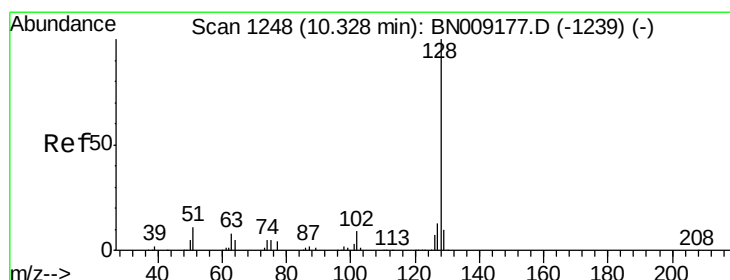
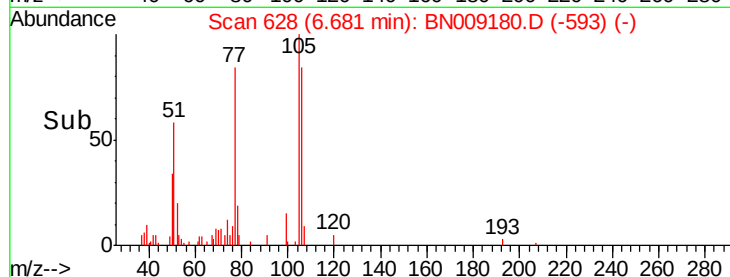
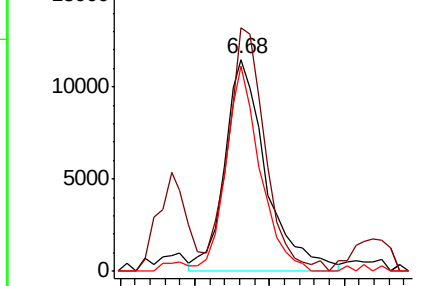
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Abundance Ion 77.00 (76.70 to 77.70): BN009177.D (-620) (-)

Ion 105.00 (104.70 to 105.70): BN009177.D (-620) (-)

Ion 106.00 (105.70 to 106.70): BN009177.D (-620) (-)



#28

Naphthalene

Concen: 1.040 ng/ul

RT: 10.33 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BN009180.D

Acq: 26 Dec 2019 19:40

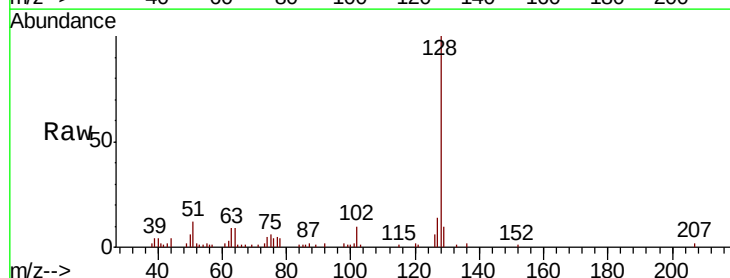
Tgt Ion: 128 Resp: 74018

Ion Ratio Lower Upper

128 100

129 9.9 8.7 13.1

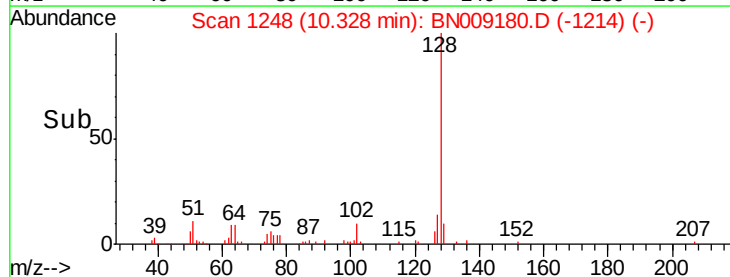
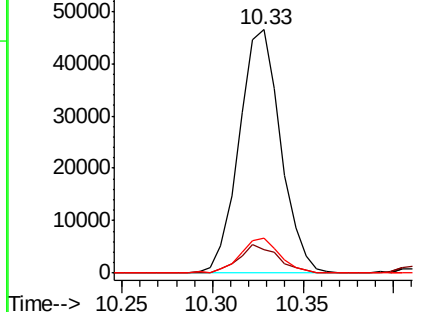
127 14.4 10.4 15.6

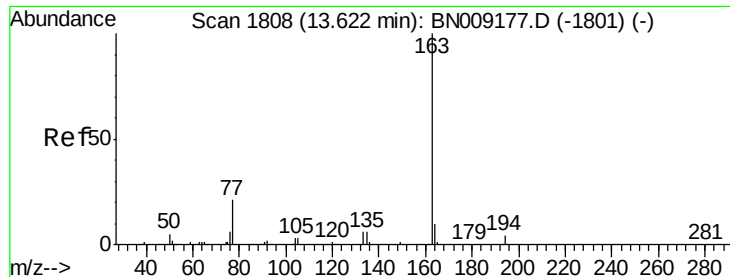


Abundance Ion 128.00 (127.70 to 128.70): BN009177.D (-1239) (-)

Ion 129.00 (128.70 to 129.70): BN009177.D (-1239) (-)

Ion 127.00 (126.70 to 127.70): BN009177.D (-1239) (-)





#44

Dimethylphthalate

Concen: 1.622 ng/ul

RT: 13.62 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BN009180.D

Acq: 26 Dec 2019 19:40

Instrument :

BNA_N

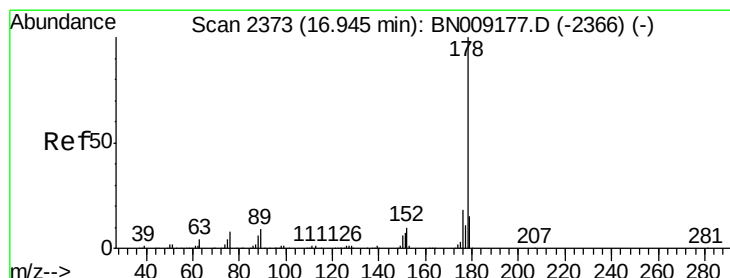
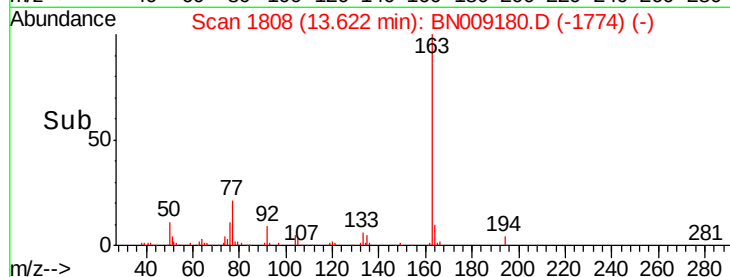
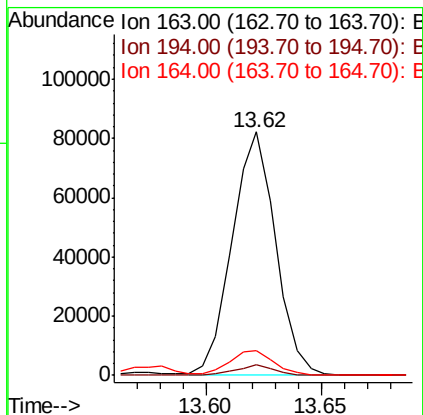
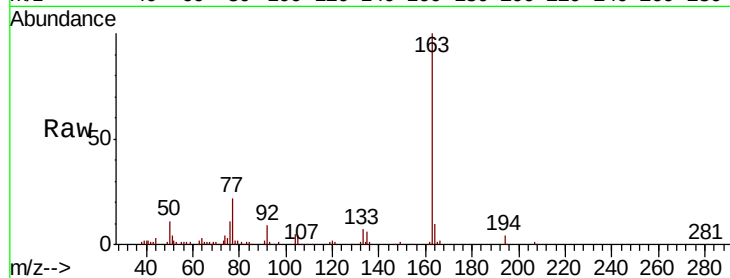
ClientSampled :

CB5R4

Tot Ion:	163	Resp:	107610
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.5	5.3
164	10.4	8.3	12.5

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#69

Phenanthrene

Concen: 7.841 ng/ul

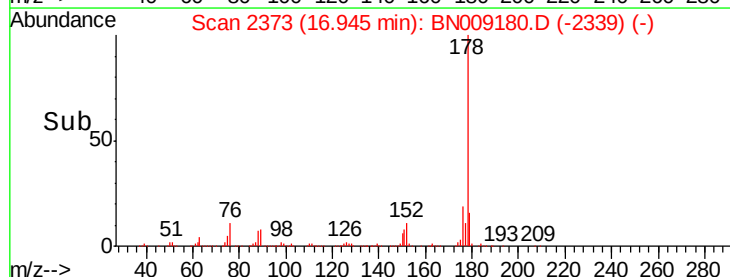
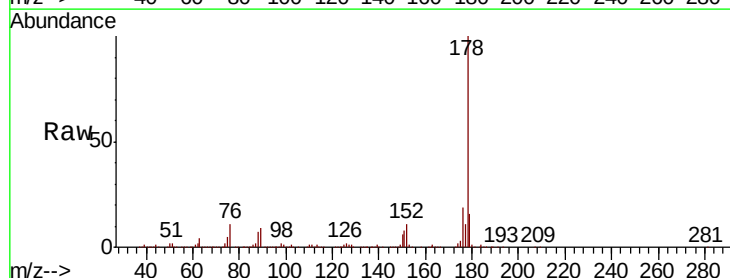
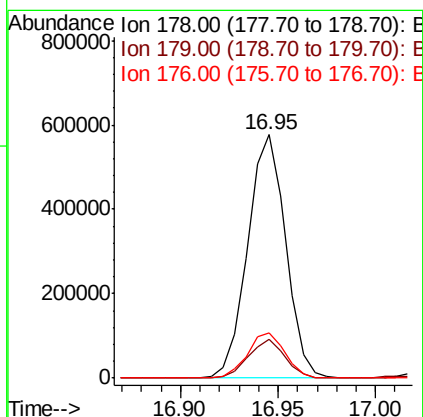
RT: 16.95 min Scan# 2373

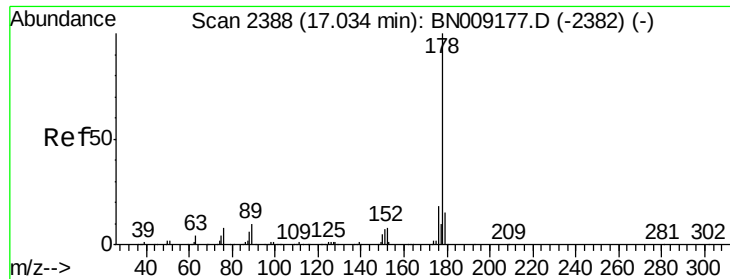
Delta R.T. 0.00 min

Lab File: BN009180.D

Acq: 26 Dec 2019 19:40

Tgt Ion:	178	Resp:	775917
Ion Ratio	Lower	Upper	
178	100		
179	15.9	11.8	17.8
176	18.7	15.2	22.8





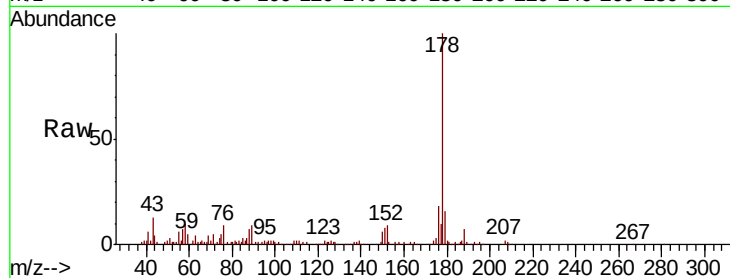
#71
 Anthracene
 Concen: 1.498 ng/ul
 RT: 17.03 min Scan# 2388
 Delta R.T. 0.00 min
 Lab File: BN009180.D
 Acq: 26 Dec 2019 19:40

Instrument :
 BNA_N
 ClientSampled :
 CB5R4

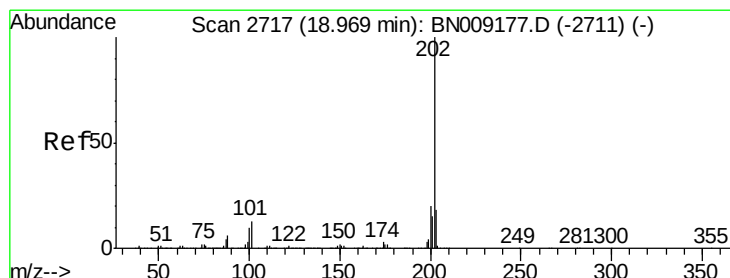
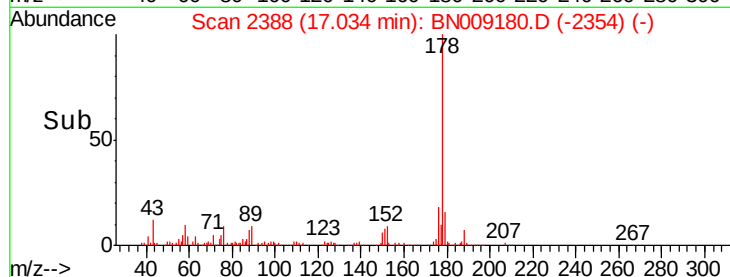
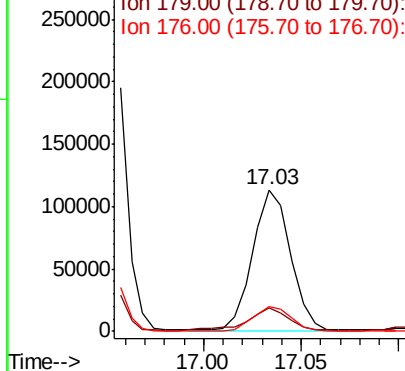
Tot Ion:178	Resp:	152460
Ion Ratio	Lower	Upper
178	100	
179	16.5	12.6 18.8
176	17.8	14.8 22.2

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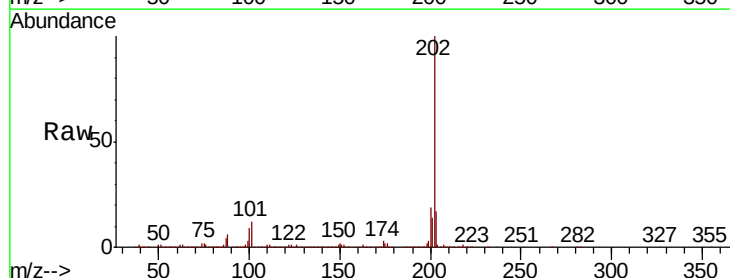


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

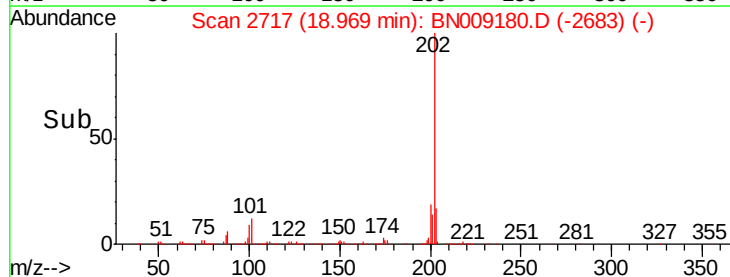
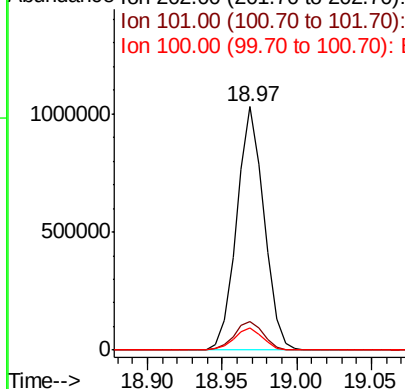


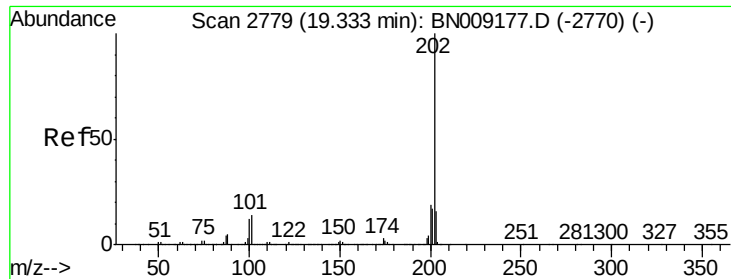
#76
 Fluoranthene
 Concen: 11.453 ng/ul
 RT: 18.97 min Scan# 2717
 Delta R.T. 0.00 min
 Lab File: BN009180.D
 Acq: 26 Dec 2019 19:40

Tgt Ion:202	Resp:	1308894
Ion Ratio	Lower	Upper
202	100	
101	12.0	9.3 13.9
100	9.2	7.6 11.4



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B





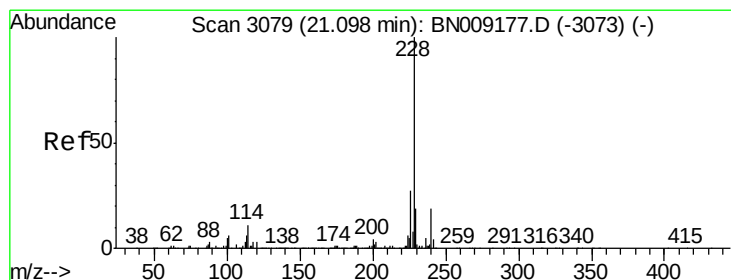
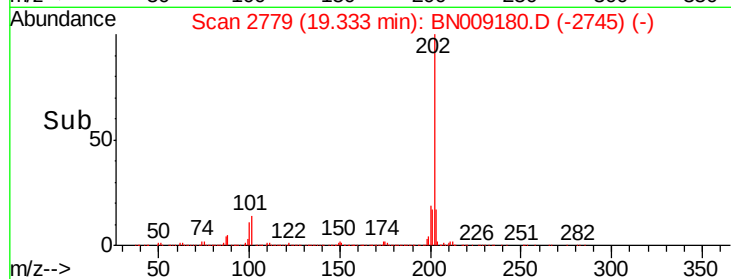
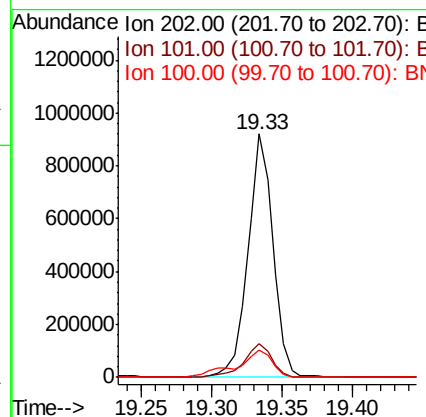
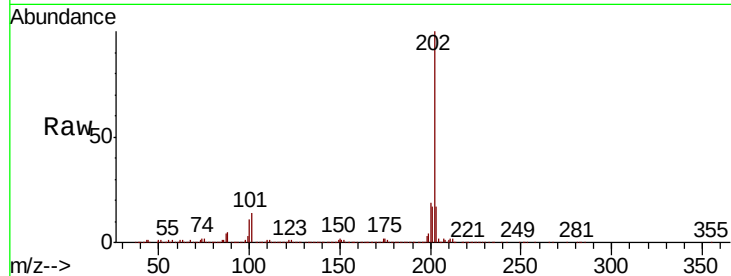
#79
Pvrene
Concen: 10.765 ng/ul
RT: 19.33 min Scan# 2779
Delta R.T. 0.00 min
Lab File: BN009180.D
Acq: 26 Dec 2019 19:40

Instrument :
BNA_N
ClientSampleId :
CB5R4

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.1	16.7
100	11.5	9.0	13.4

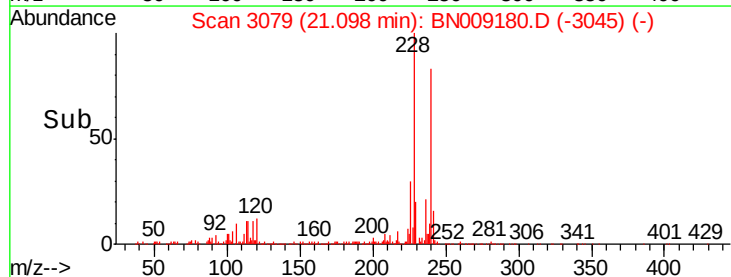
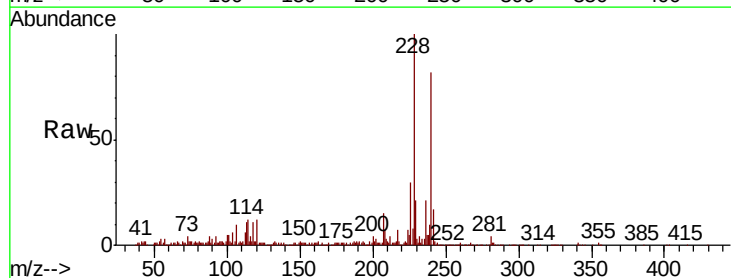
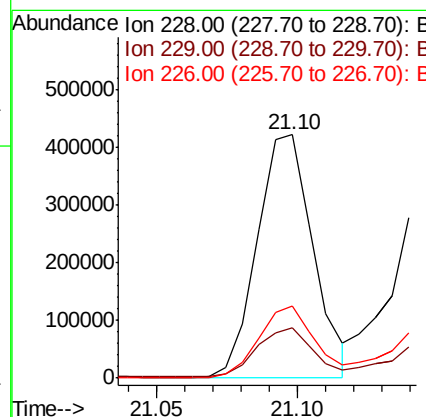
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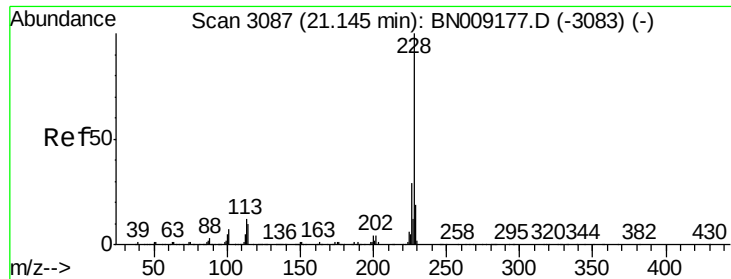
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#82
Benzo(a)anthracene
Concen: 5.609 ng/ul
RT: 21.10 min Scan# 3079
Delta R.T. 0.00 min
Lab File: BN009180.D
Acq: 26 Dec 2019 19:40

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.2	22.8
226	29.9	19.8	29.6#





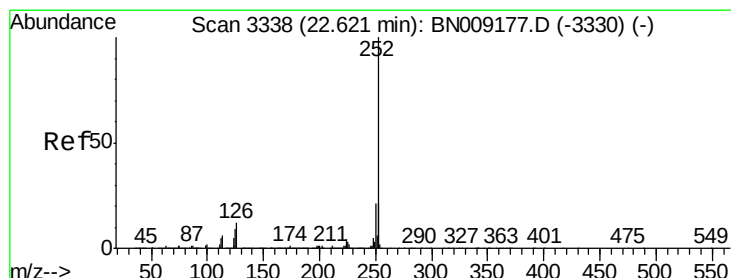
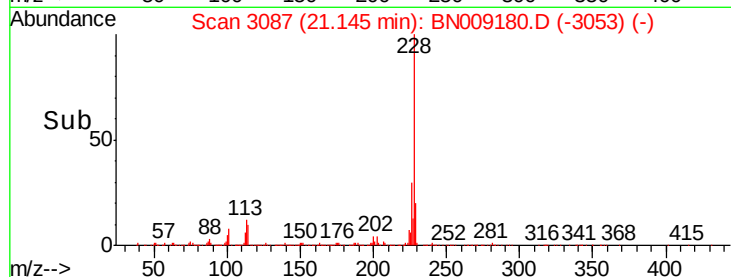
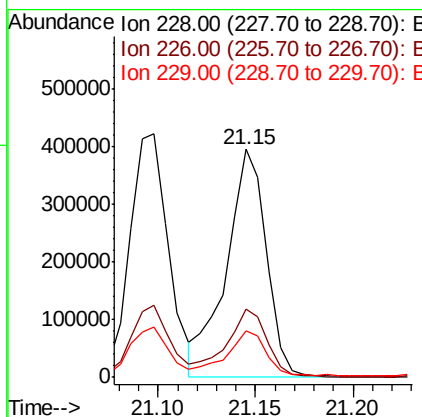
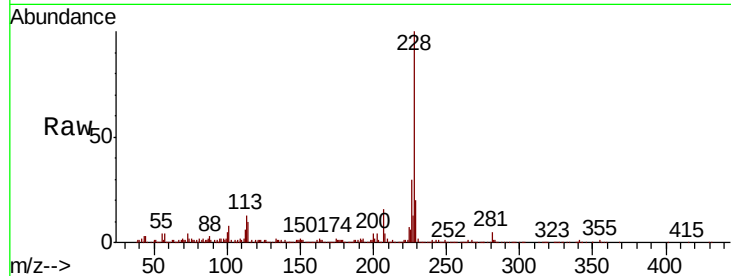
#84
Chrysene
Concen: 5.661 ng/ul
RT: 21.15 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BN009180.D
Acq: 26 Dec 2019 19:40

Instrument :
BNA_N
ClientSampled :
CB5R4

Tot Ion:	228	Resp:	559791
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.9	35.9
229	20.5	15.9	23.9

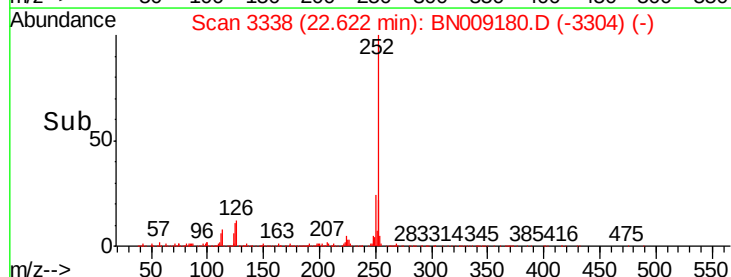
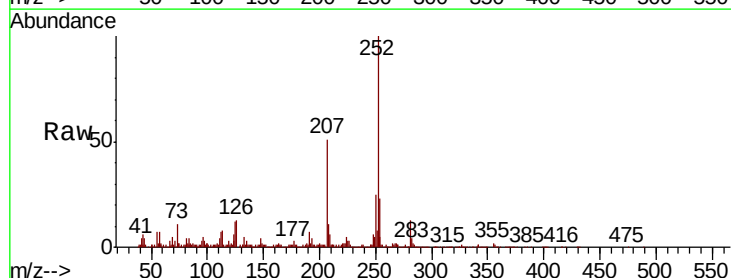
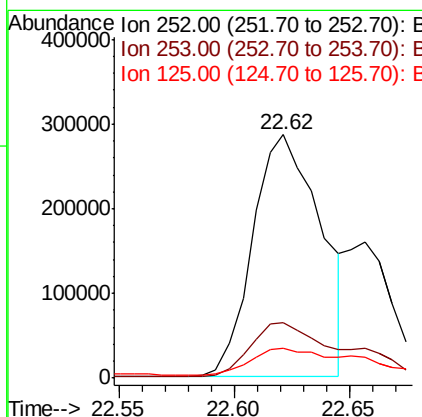
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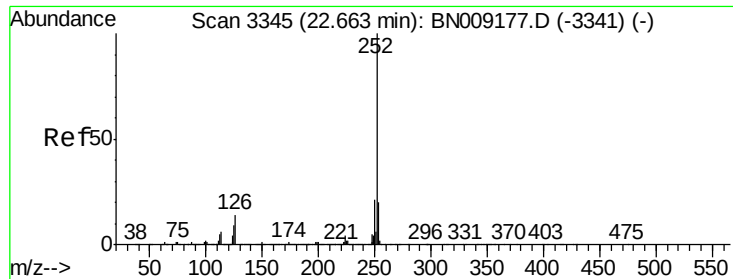
mohammad
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#87
Benzo(b)fluoranthene
Concen: 6.948 ng/ul
RT: 22.62 min Scan# 3338
Delta R.T. 0.00 min
Lab File: BN009180.D
Acq: 26 Dec 2019 19:40

Tgt Ion:	252	Resp:	588315
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.2	25.8
125	12.1	8.5	12.7





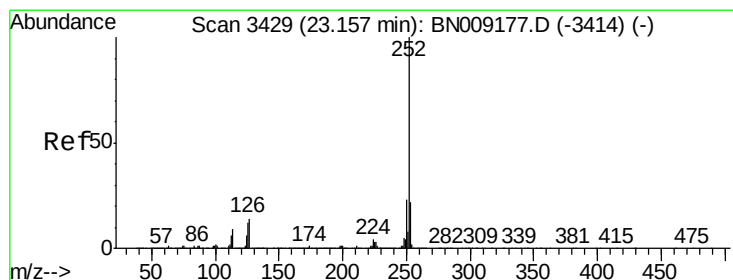
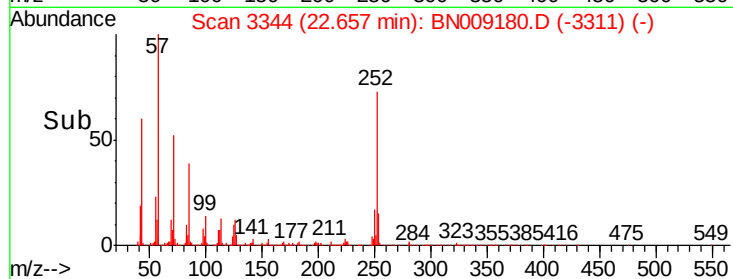
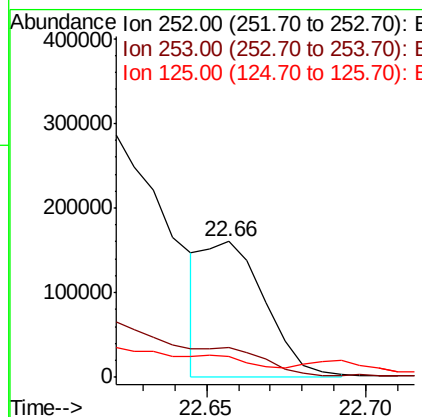
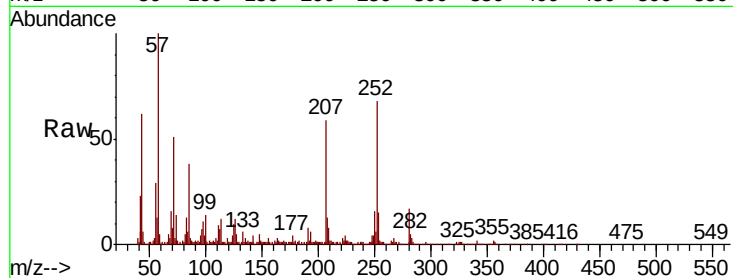
#88
Benzo(k)fluoranthene
Concen: 2.545 ng/ul m
RT: 22.66 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BN009180.D
Acq: 26 Dec 2019 19:40

Instrument :
BNA_N
ClientSampleId :
CB5R4

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.6	17.4	26.0
125	15.2	8.8	13.2

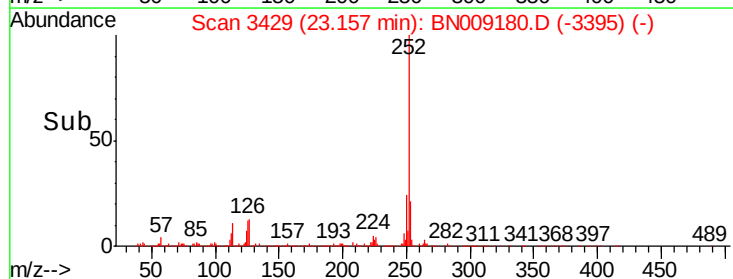
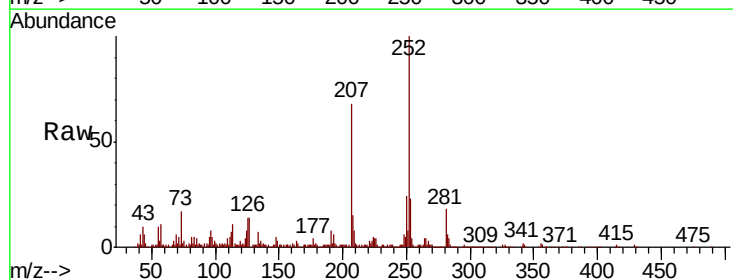
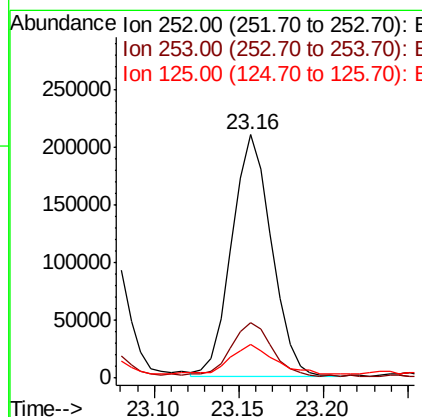
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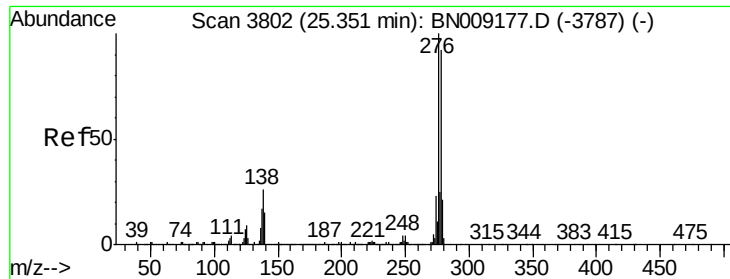
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#90
Benzo(a)pyrene
Concen: 4.406 ng/ul
RT: 23.16 min Scan# 3429
Delta R.T. 0.00 min
Lab File: BN009180.D
Acq: 26 Dec 2019 19:40

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.6	17.7	26.5
125	14.1	9.5	14.3





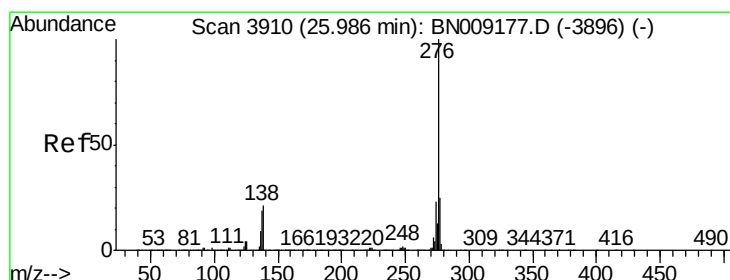
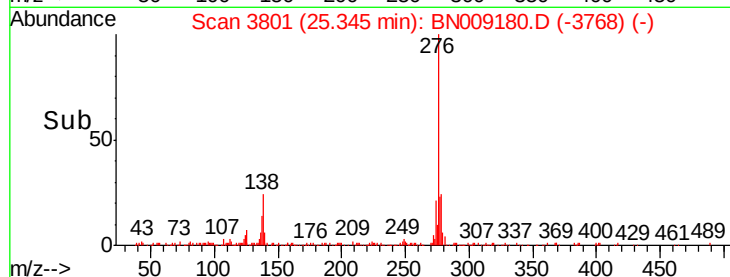
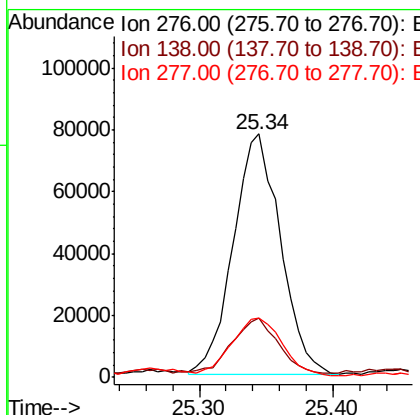
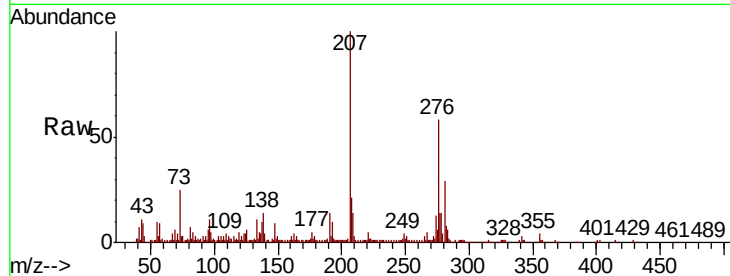
#91
Indeno(1,2,3-cd)pyrene
Concen: 2.024 ng/ul
RT: 25.34 min Scan# 3801
Delta R.T. -0.01 min
Lab File: BN009180.D
Acq: 26 Dec 2019 19:40

Instrument :
BNA_N
ClientSampleId :
CB5R4

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.5	30.7
277	24.2	20.2	30.4

Manual Integrations
APPROVED

mohammad
12/27/2019 3:20:13 PM



#93
Benzo(g,h,i)perylene
Concen: 2.366 ng/ul
RT: 25.99 min Scan# 3910
Delta R.T. 0.00 min
Lab File: BN009180.D
Acq: 26 Dec 2019 19:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	17.8	26.6
277	24.1	18.9	28.3

