

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
 Data File : BN009186.D
 Acq On : 26 Dec 2019 23:16
 Operator : JU
 Sample : K6381-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB5S0

Manual Integrations
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mohammad
 12/27/2019 3:20:30 PM

Quant Time: Dec 27 03:50:02 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	294607	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1321332	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.15	164	851382	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	1746661	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1284952	20.00	ng/ul	0.00
85) Perylene-d12	23.24	264	1140815	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	38694	6.00	ng/uL	0.00
5) Phenol-d5	6.72	99	894789	31.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	597284	33.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	695703	34.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	741598	32.80	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	371517	37.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	419090	37.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	731974	34.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	1003009	39.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	2129472	33.30	ng/ul	0.00
46) Acenaphthylene-d8	13.84	160	2739142	36.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	400771	31.52	ng/ul	0.00
57) Fluorene-d10	15.15	176	1944557	34.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	220403	20.23	ng/ul	0.00
70) Anthracene-d10	17.00	188	2833503	34.87	ng/ul	0.00
78) Pyrene-d10	19.30	212	2934642	43.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	2096249	36.47	ng/ul	0.00

Target Compounds

					Ovalue	
47) Acenaphthylene	13.87	152	102590	1.275	ng/ul	94
49) Acenaphthene	14.22	153	95183	1.763	ng/ul	94
53) Dibenzofuran	14.56	168	95843	1.264	ng/ul	97
58) Fluorene	15.21	166	108758	1.717	ng/ul	96
69) Phenanthrene	16.95	178	2451408	25.455	ng/ul	99
71) Anthracene	17.03	178	510031	5.148	ng/ul	100
74) Carbazole	17.31	167	162319	1.896	ng/ul	98
76) Fluoranthene	18.97	202	4202756	37.786	ng/ul	99
79) Pvrene	19.33	202	3582240	40.197	ng/ul	97
82) Benzo(a)anthracene	21.09	228	1763081	20.306	ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.05	149	74062	1.233	ng/ul	98
84) Chrysene	21.15	228	1565495	18.762	ng/ul	98
87) Benzo(b)fluoranthene	22.62	252	1766028	25.329	ng/ul	99
88) Benzo(k)fluoranthene	22.65	252	548471m	8.055	ng/ul	
90) Benzo(a)pyrene	23.16	252	1144915	17.883	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.34	276	709363	9.146	ng/ul	96
92) Dibenzo(a,h)anthracene	25.34	278	199628	3.049	ng/ul#	91
93) Benzo(g,h,i)perylene	25.98	276	637782	9.827	ng/ul	99

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

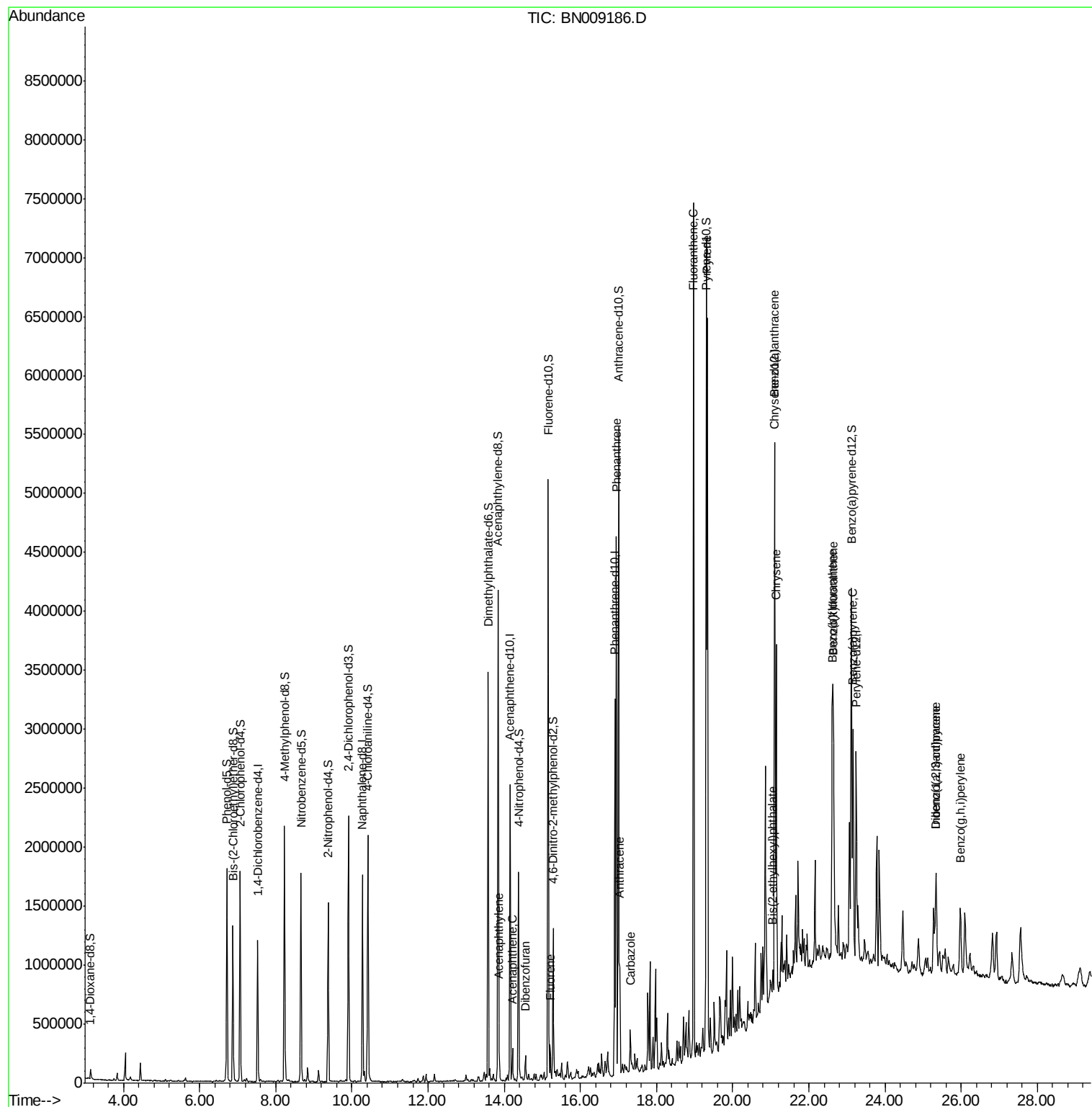
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122619\
Data File : BN009186.D
Acq On : 26 Dec 2019 23:16
Operator : JU
Sample : K6381-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

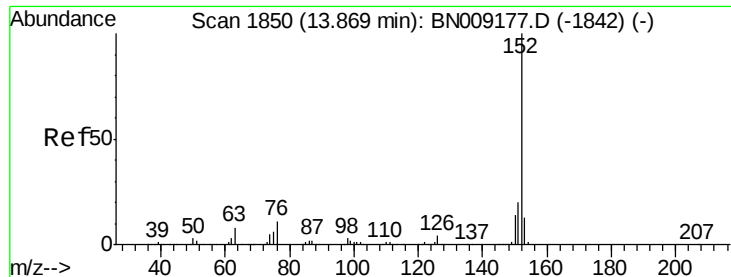
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Dec 27 03:50:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 27 01:30:55 2019
Response via : Initial Calibration





#47

Acenaphthylene

Concen: 1.275 ng/ul

RT: 13.87 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BN009186.D

Acq: 26 Dec 2019 23:16

Instrument :

BNA_N

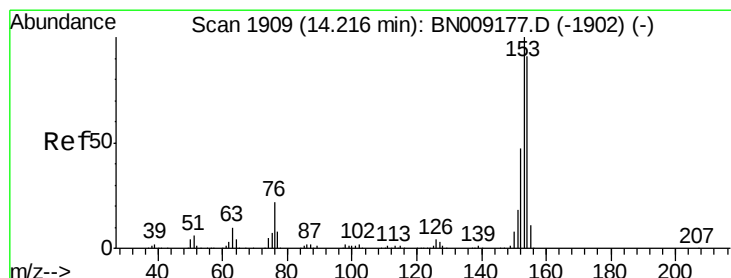
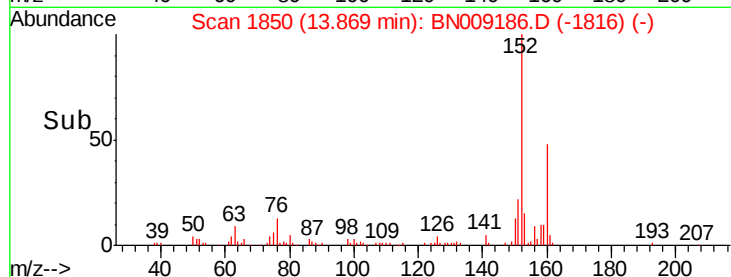
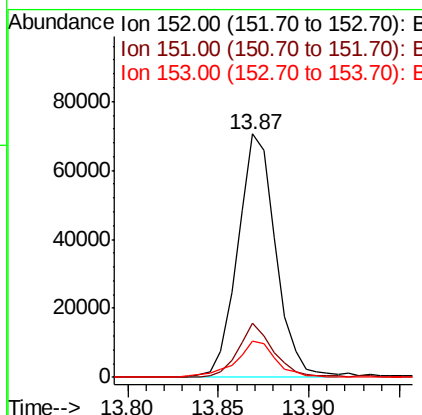
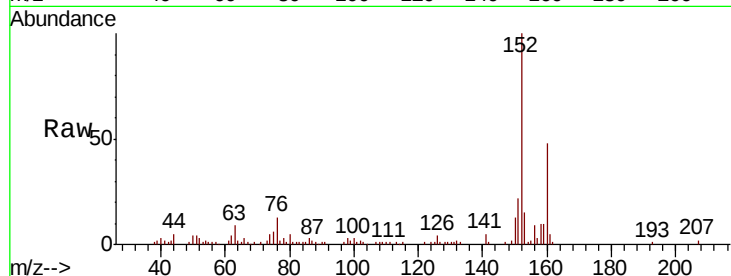
ClientSampleId :

CB5S0

Tot Ion:	152	Resp:	102590
Ion Ratio	Lower	Upper	
152	100		
151	22.2	15.4	23.2
153	14.9	10.3	15.5

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#49

Acenaphthene

Concen: 1.763 ng/ul

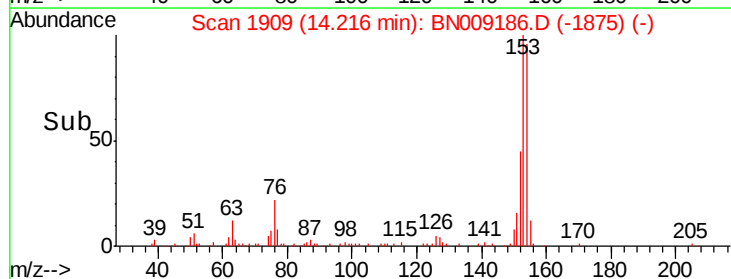
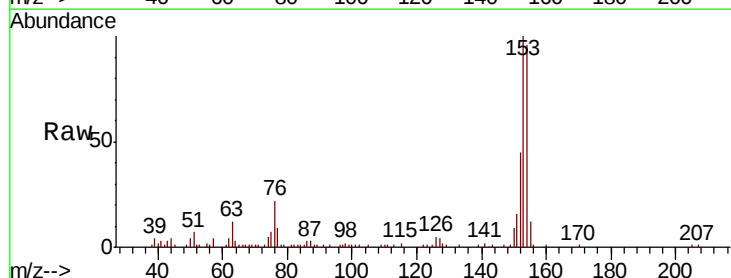
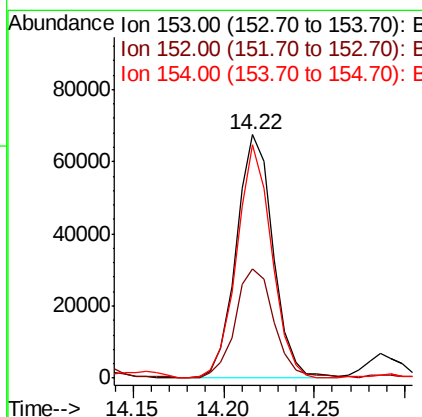
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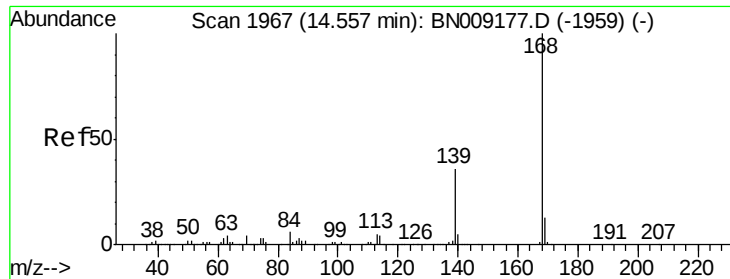
Delta R.T. -0.00 min

Lab File: BN009186.D

Acq: 26 Dec 2019 23:16

Tgt Ion:	153	Resp:	95183
Ion Ratio	Lower	Upper	
153	100		
152	44.9	37.8	56.8
154	96.1	71.3	106.9





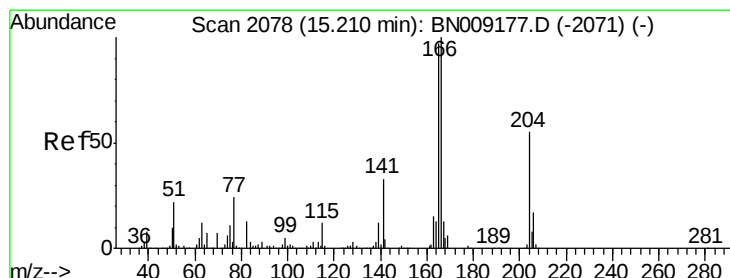
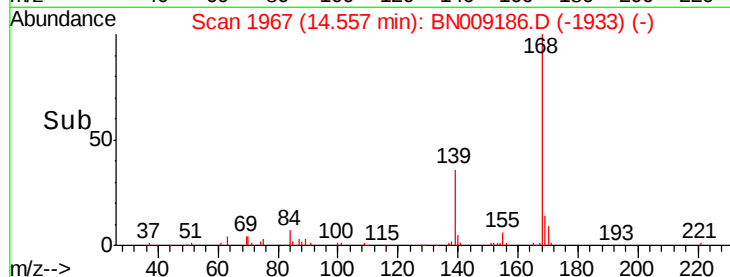
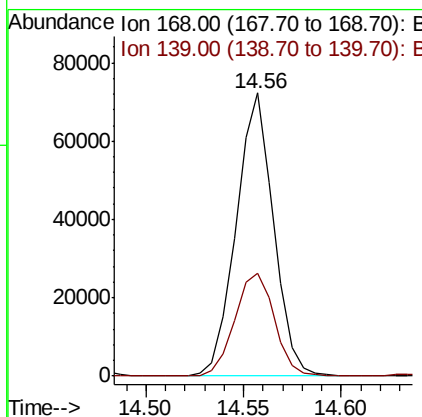
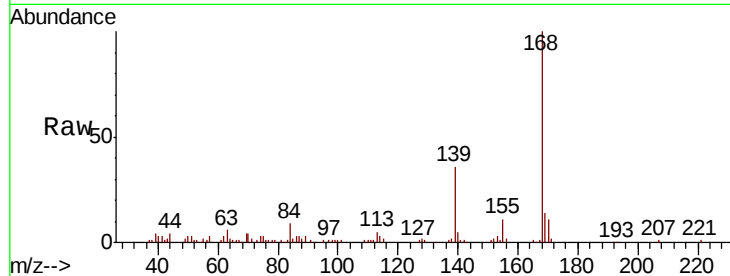
#53
Dibenzenofuran
Concen: 1.264 ng/ul
RT: 14.56 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BN009186.D
Acq: 26 Dec 2019 23:16

Instrument :
BNA_N
ClientSampleId :
CB5S0

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.3	45.5

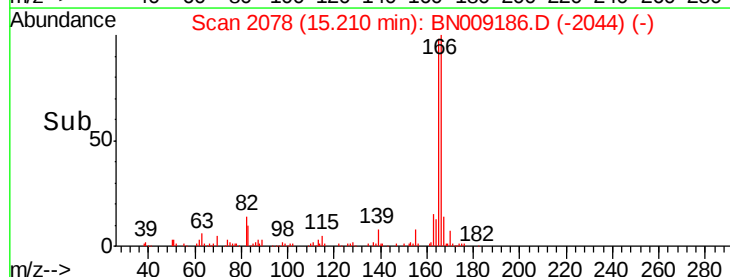
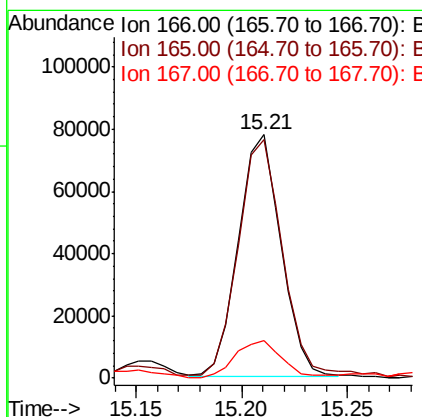
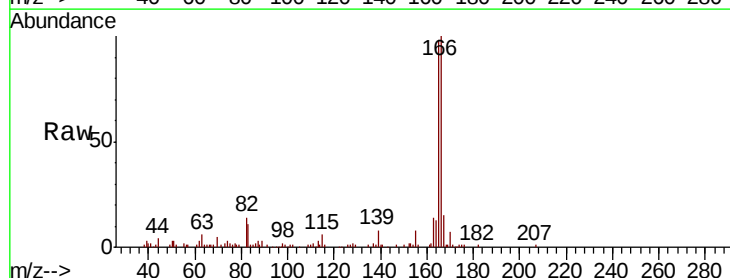
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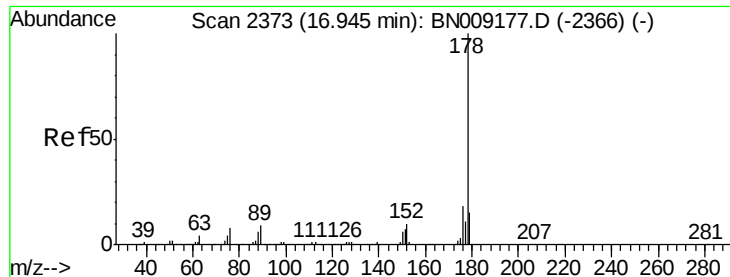
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#58
Fluorene
Concen: 1.717 ng/ul
RT: 15.21 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BN009186.D
Acq: 26 Dec 2019 23:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	75.3	112.9
167	15.5	10.6	16.0





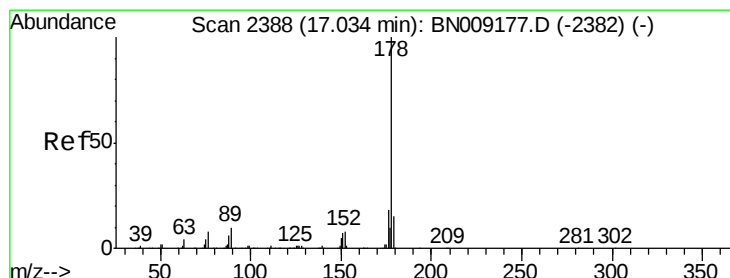
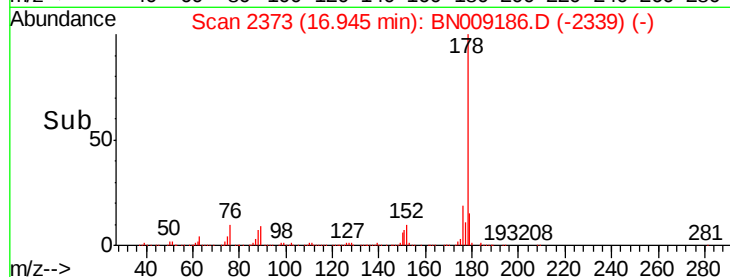
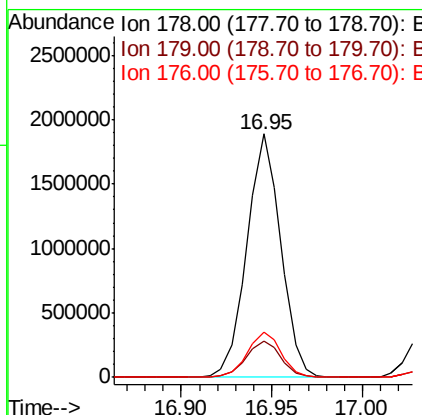
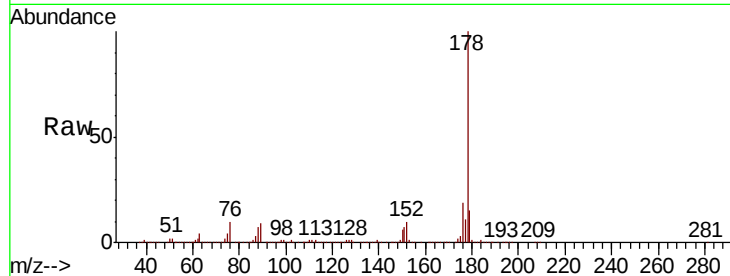
#69
Phenanthrene
Concen: 25.455 ng/ul
RT: 16.95 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BN009186.D
Acq: 26 Dec 2019 23:16

Instrument :
BNA_N
ClientSampleId :
CB5S0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.8	17.8
176	18.6	15.2	22.8

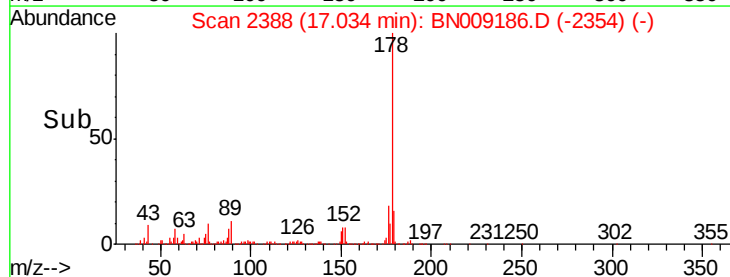
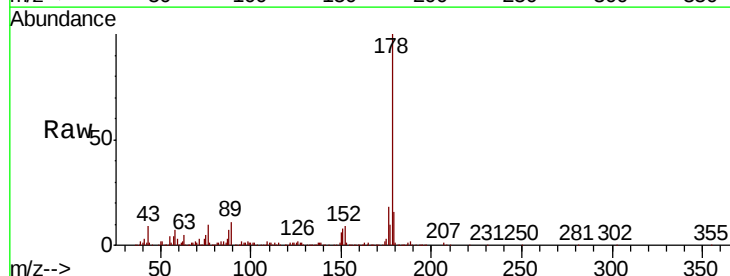
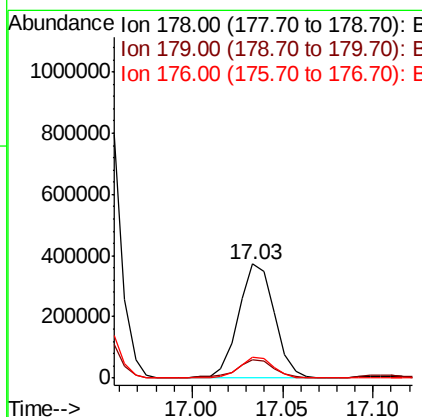
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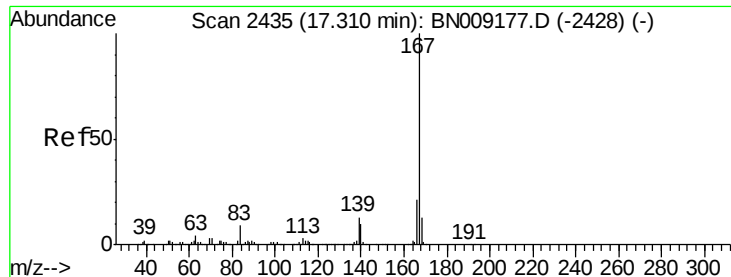
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#71
Anthracene
Concen: 5.148 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BN009186.D
Acq: 26 Dec 2019 23:16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	18.5	14.8	22.2





#74

Carbazole

Concen: 1.896 ng/ul

RT: 17.31 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BN009186.D

Acq: 26 Dec 2019 23:16

Instrument :

BNA_N

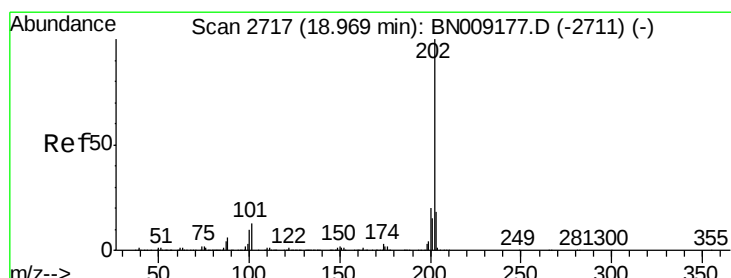
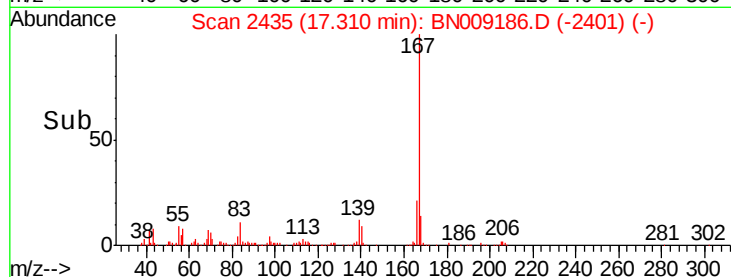
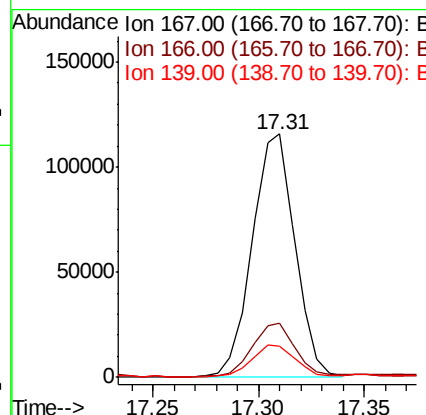
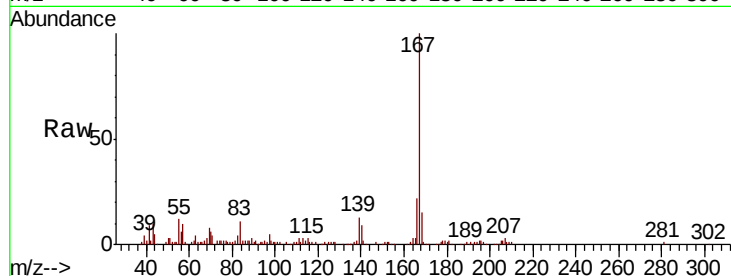
ClientSampleId :

CB5S0

Tot Ion:	167	Resp:	162319
Ion Ratio	Lower	Upper	
167	100		
166	22.1	16.8	25.2
139	12.7	10.6	15.8

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#76

Fluoranthene

Concen: 37.786 ng/ul

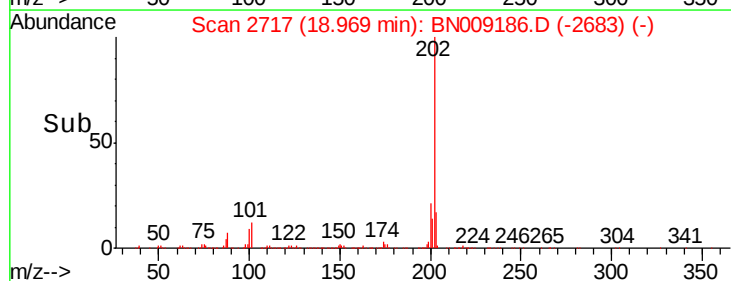
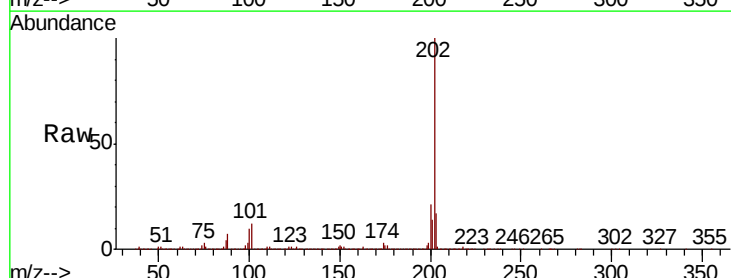
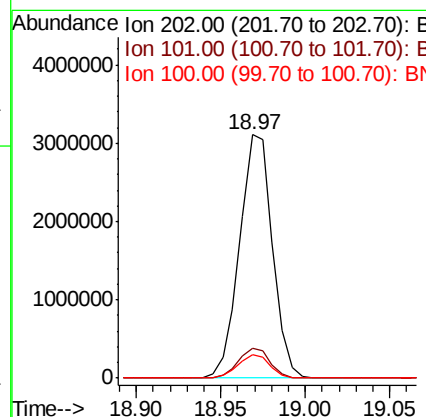
RT: 18.97 min Scan# 2717

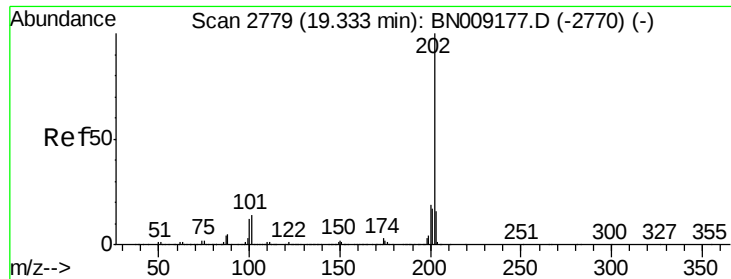
Delta R.T. -0.00 min

Lab File: BN009186.D

Acq: 26 Dec 2019 23:16

Tgt Ion:	202	Resp:	4202756
Ion Ratio	Lower	Upper	
202	100		
101	12.2	9.3	13.9
100	9.5	7.6	11.4





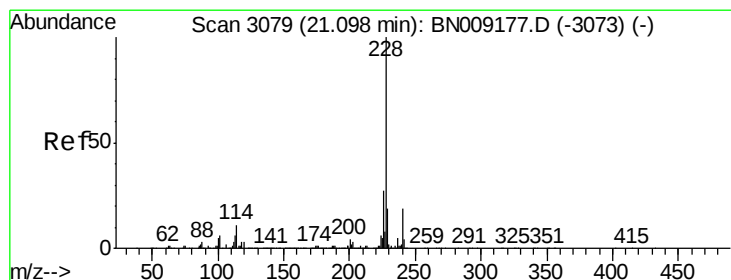
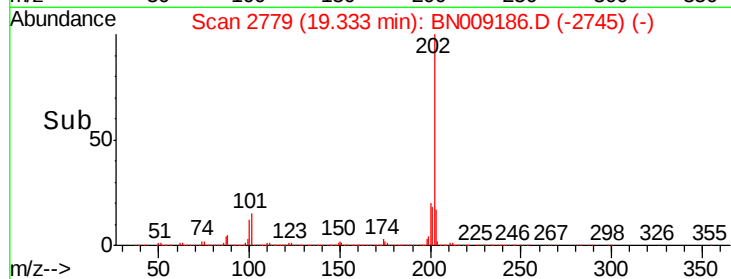
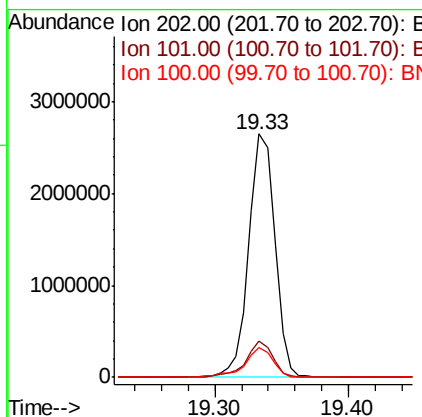
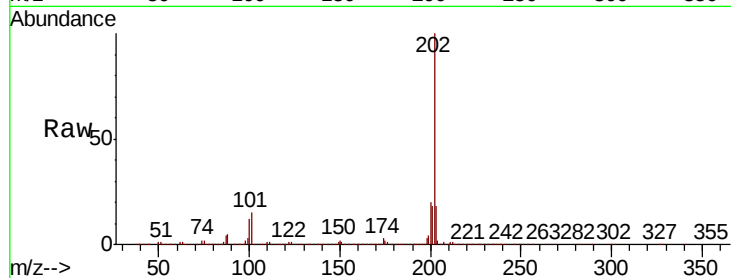
#79
Pvrene
Concen: 40.197 ng/ul
RT: 19.33 min Scan# 2779
Delta R.T. -0.00 min
Lab File: BN009186.D
Acq: 26 Dec 2019 23:16

Instrument :
BNA_N
ClientSampleId :
CB5S0

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.9	11.1	16.7
100	12.4	9.0	13.4

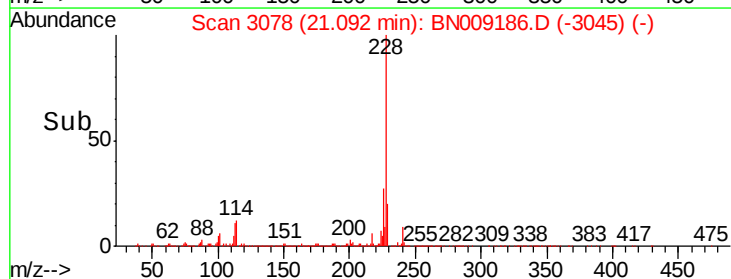
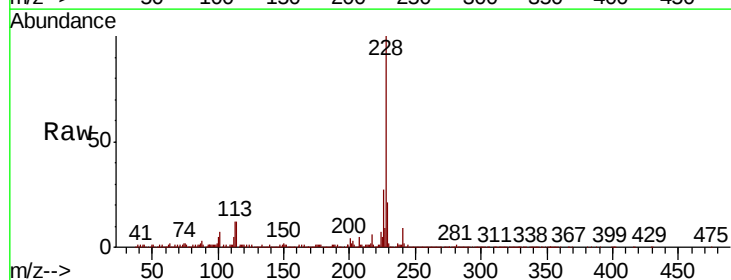
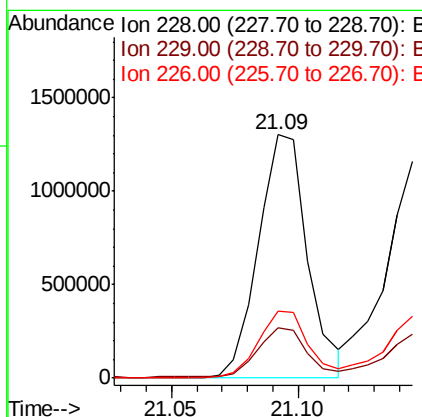
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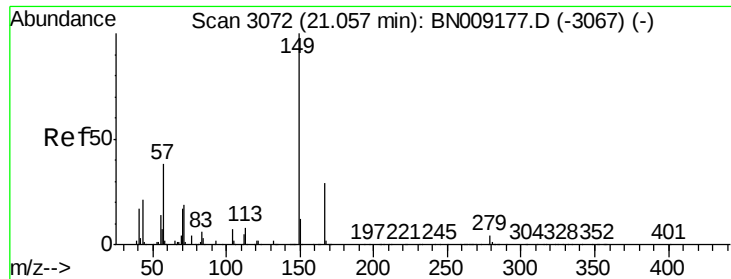
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#82
Benzo(a)anthracene
Concen: 20.306 ng/ul
RT: 21.09 min Scan# 3078
Delta R.T. -0.01 min
Lab File: BN009186.D
Acq: 26 Dec 2019 23:16

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.2	22.8
226	27.3	19.8	29.6





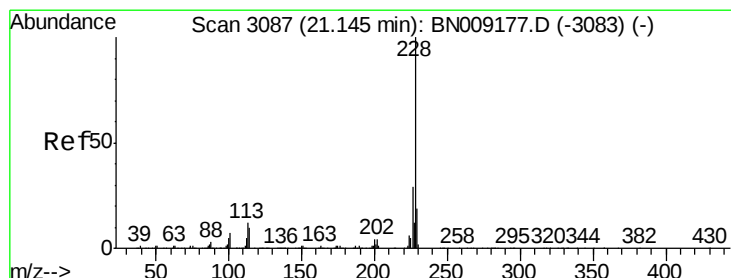
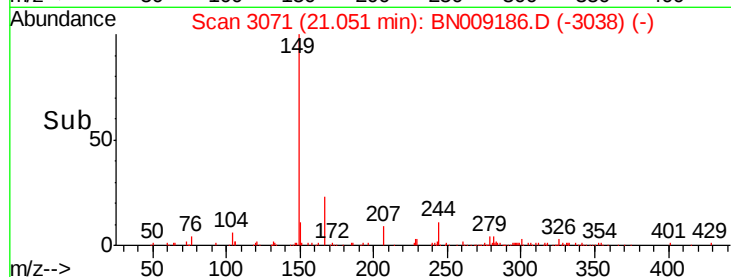
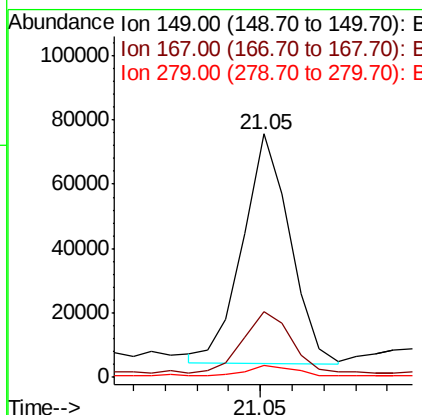
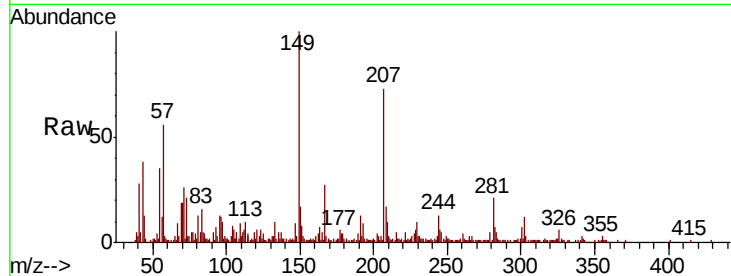
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.233 ng/ul
 RT: 21.05 min Scan# 3071
 Delta R.T. -0.01 min
 Lab File: BN009186.D
 Acq: 26 Dec 2019 23:16

Instrument :
 BNA_N
 ClientSampleId :
 CB5S0

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.2	33.2
279	4.8	3.5	5.3

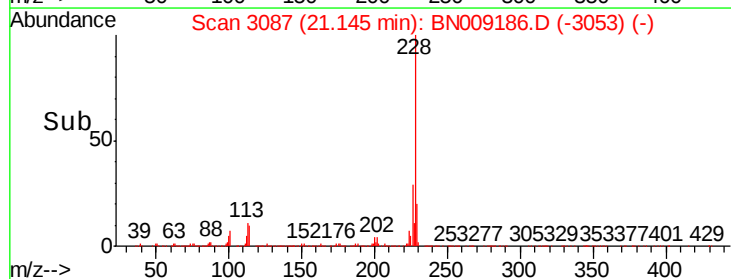
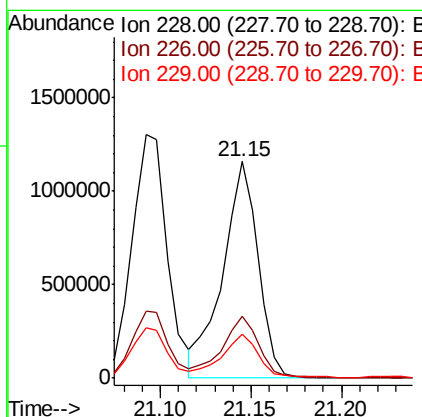
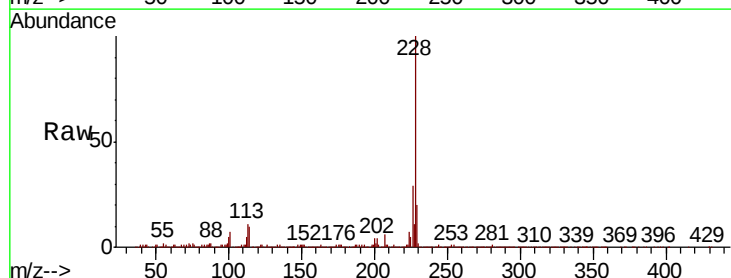
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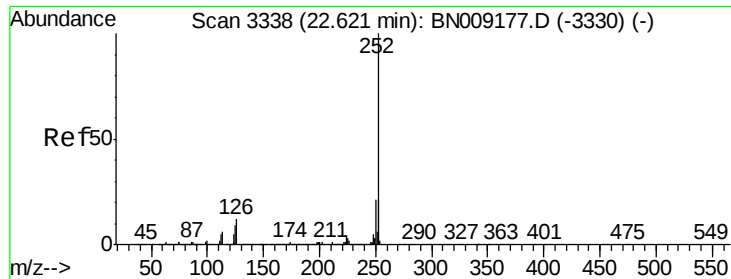
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#84
 Chrysene
 Concen: 18.762 ng/ul
 RT: 21.15 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: BN009186.D
 Acq: 26 Dec 2019 23:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.9	35.9
229	20.4	15.9	23.9





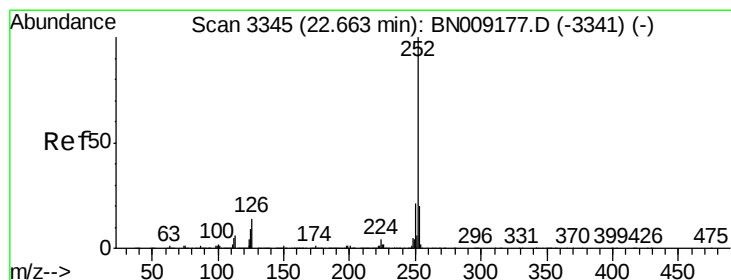
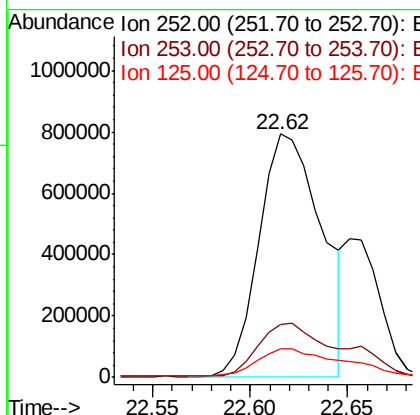
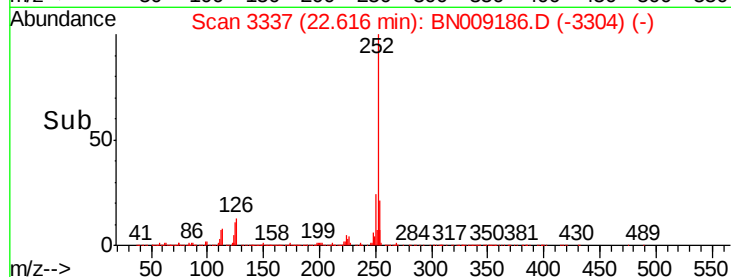
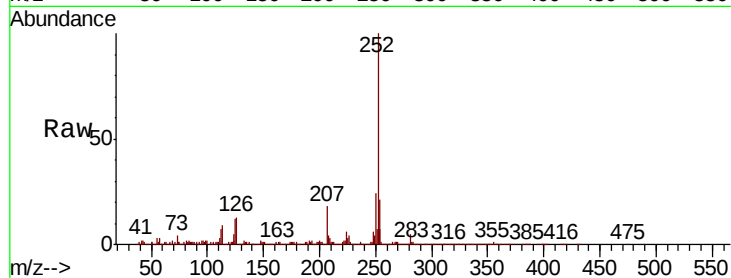
#87
Benzo(b)fluoranthene
Concen: 25.329 ng/ul
RT: 22.62 min Scan# 3337
Delta R.T. -0.01 min
Lab File: BN009186.D
Acq: 26 Dec 2019 23:16

Instrument :
BNA_N
ClientSampleId :
CB5S0

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	11.8	8.5	12.7

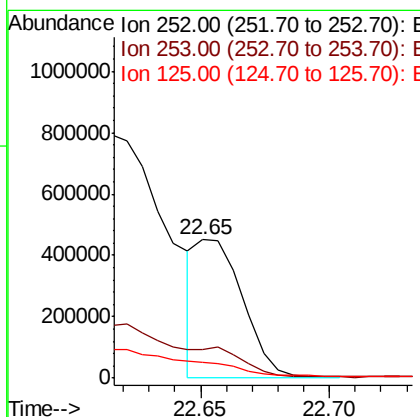
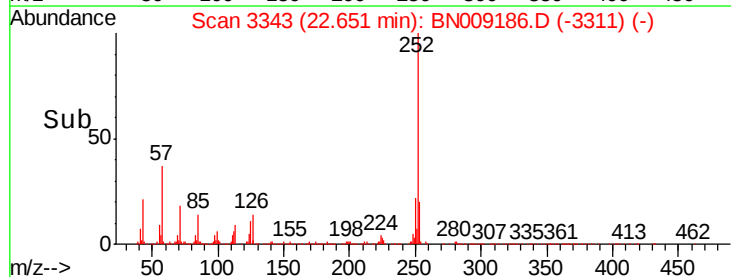
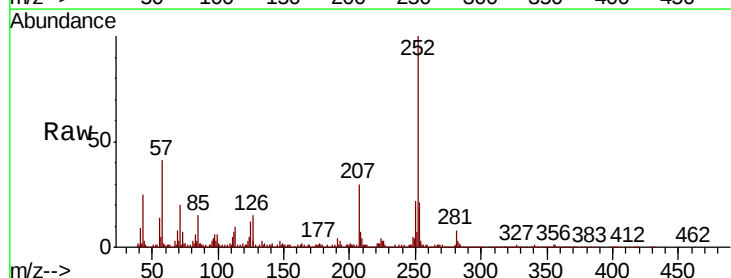
Manual Integrations
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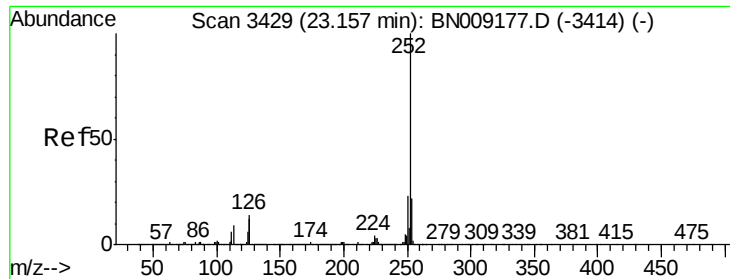
mohammad
12/27/2019 3:20:30 PM



#88
Benzo(k)fluoranthene
Concen: 8.055 ng/ul m
RT: 22.65 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BN009186.D
Acq: 26 Dec 2019 23:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.4	26.0
125	11.9	8.8	13.2





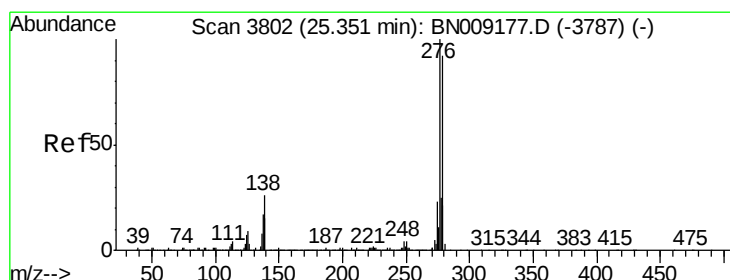
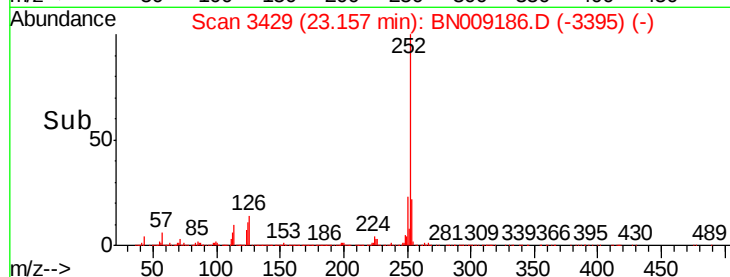
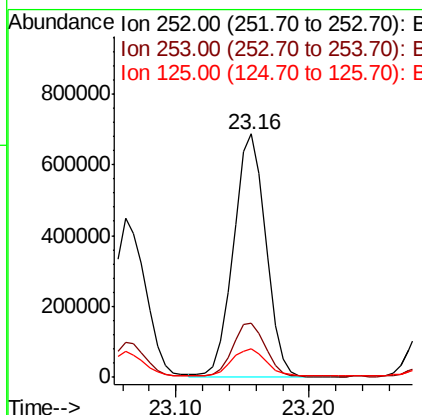
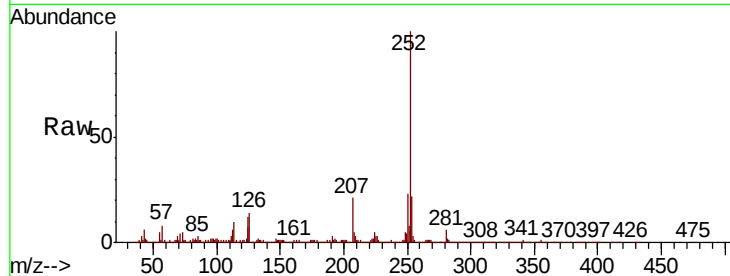
#90
Benzo(a)pyrene
Concen: 17.883 ng/ul
RT: 23.16 min Scan# 3429
Delta R.T. -0.00 min
Lab File: BN009186.D
Acq: 26 Dec 2019 23:16

Instrument :
BNA_N
ClientSampleId :
CB5S0

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	11.6	9.5	14.3

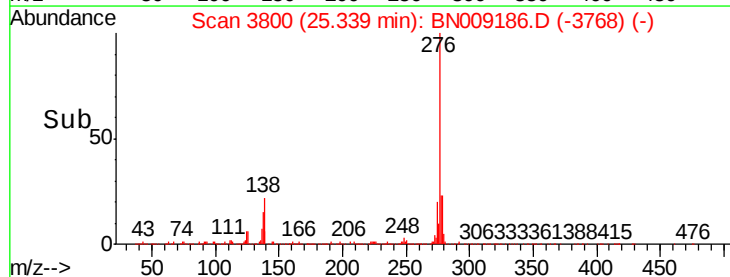
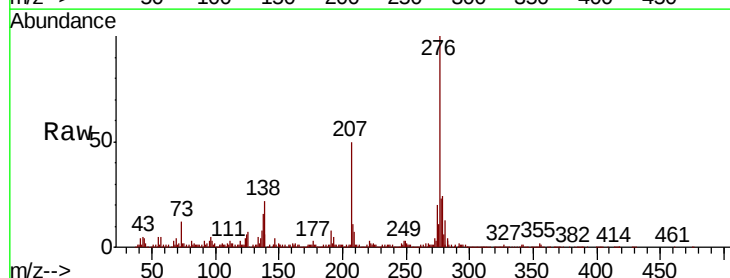
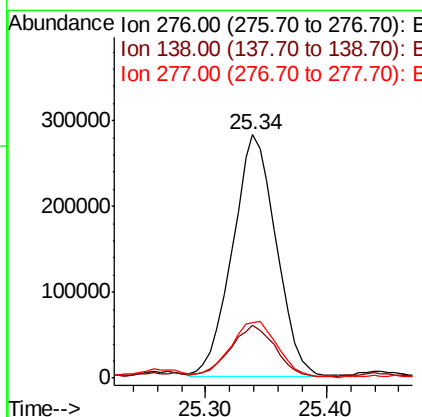
Manual Integrations
APPROVED

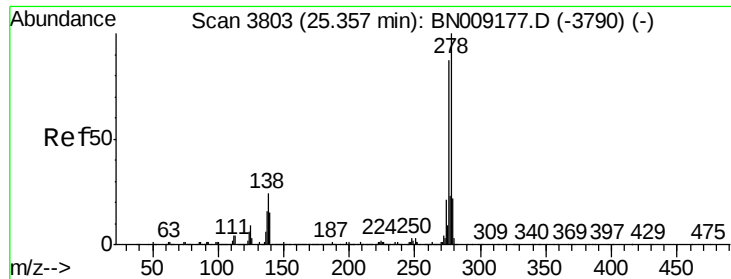
mohammad
12/27/2019 3:20:30 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 9.146 ng/ul
RT: 25.34 min Scan# 3800
Delta R.T. -0.01 min
Lab File: BN009186.D
Acq: 26 Dec 2019 23:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	20.5	30.7
277	22.9	20.2	30.4





#92

Dibenzo(a,h)anthracene

Concen: 3.049 ng/ul

RT: 25.34 min Scan# 3800

Delta R.T. -0.02 min

Lab File: BN009186.D

Acq: 26 Dec 2019 23:16

Instrument :

BNA_N

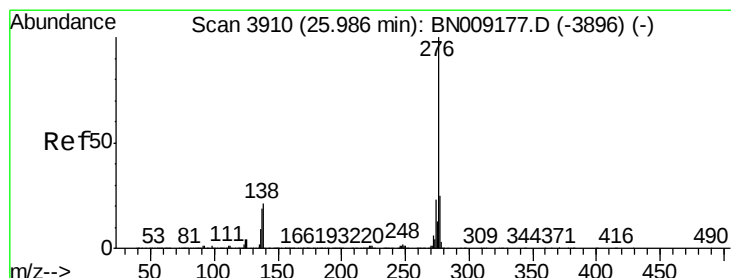
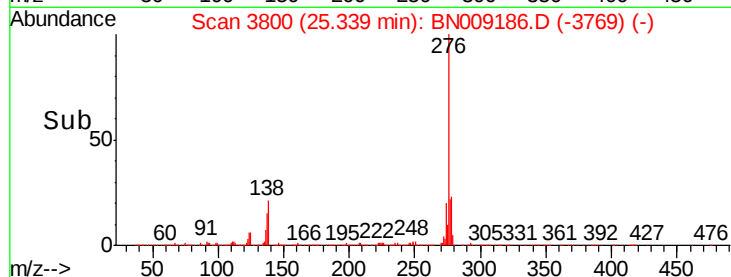
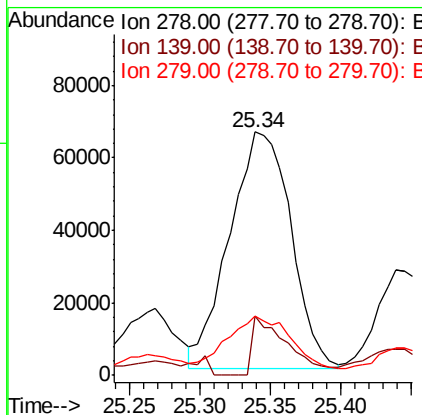
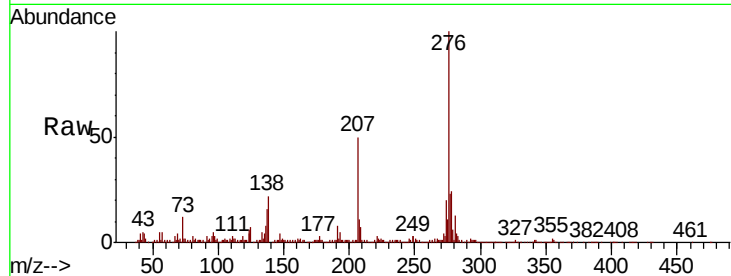
ClientSampled :

CB5S0

Tot Ion:	278	Resp:	199628
Ion Ratio	Lower	Upper	
278	100		
139	24.5	12.4	18.6#
279	24.3	19.0	28.6

Manual Integrations
APPROVED

mohammad
12/27/2019 3:20:30 PM



#93

Benzo(g,h,i)perylene

Concen: 9.827 ng/ul

RT: 25.98 min Scan# 3909

Delta R.T. -0.01 min

Lab File: BN009186.D

Acq: 26 Dec 2019 23:16

Tgt Ion:	276	Resp:	637782
Ion Ratio	Lower	Upper	
276	100		
138	21.5	17.8	26.6
277	23.2	18.9	28.3

