

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
 Data File : BN010090.D
 Acq On : 04 Mar 2020 22:14
 Operator : CG/JU
 Sample : L1641-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6Z8

Manual Integrations
 APPROVED

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 3/5/2020 3:56:18 PM

Quant Time: Mar 05 04:11:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 05 01:55:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	60996	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	249502	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	165537	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	375078	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	347252	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	385543	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	883	0.60	ng/uL	0.01
5) Phenol-d5	6.59	99	15709m	3.03	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.73	67	12800m	3.58	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	13060	3.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	9360m	2.27	ng/ul	0.02
19) Nitrobenzene-d5	8.53	128	5090m	2.79	ng/ul	0.02
22) 2-Nitrophenol-d4	9.25	143	5683m	2.85	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	9.81	165	10876m	2.83	ng/ul	0.06
29) 4-Chloroaniline-d4	10.32	131	15802m	3.66	ng/ul	0.05
44) Dimethylphthalate-d6	13.45	166	52005	4.21	ng/ul	0.01
47) Acenaphthylene-d8	13.69	160	51128	3.51	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.02	176	44626	4.18	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.23	200	2148m	0.92	ng/ul	0.05
71) Anthracene-d10	16.87	188	72789	4.23	ng/ul	0.00
79) Pyrene-d10	19.18	212	87251	4.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	87415	4.54	ng/ul	0.00

Target Compounds

				Ovalue	
70) Phenanthrene	16.81	178	27407m	1.280	ng/ul
77) Fluoranthene	18.85	202	49794	1.986	ng/ul 97
80) Pyrene	19.21	202	47037	1.879	ng/ul# 93
83) Benzo(a)anthracene	20.97	228	26747	1.121	ng/ul 98
85) Chrysene	21.03	228	25971m	1.105	ng/ul
88) Benzo(b)fluoranthene	22.48	252	32315	1.293	ng/ul# 95

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

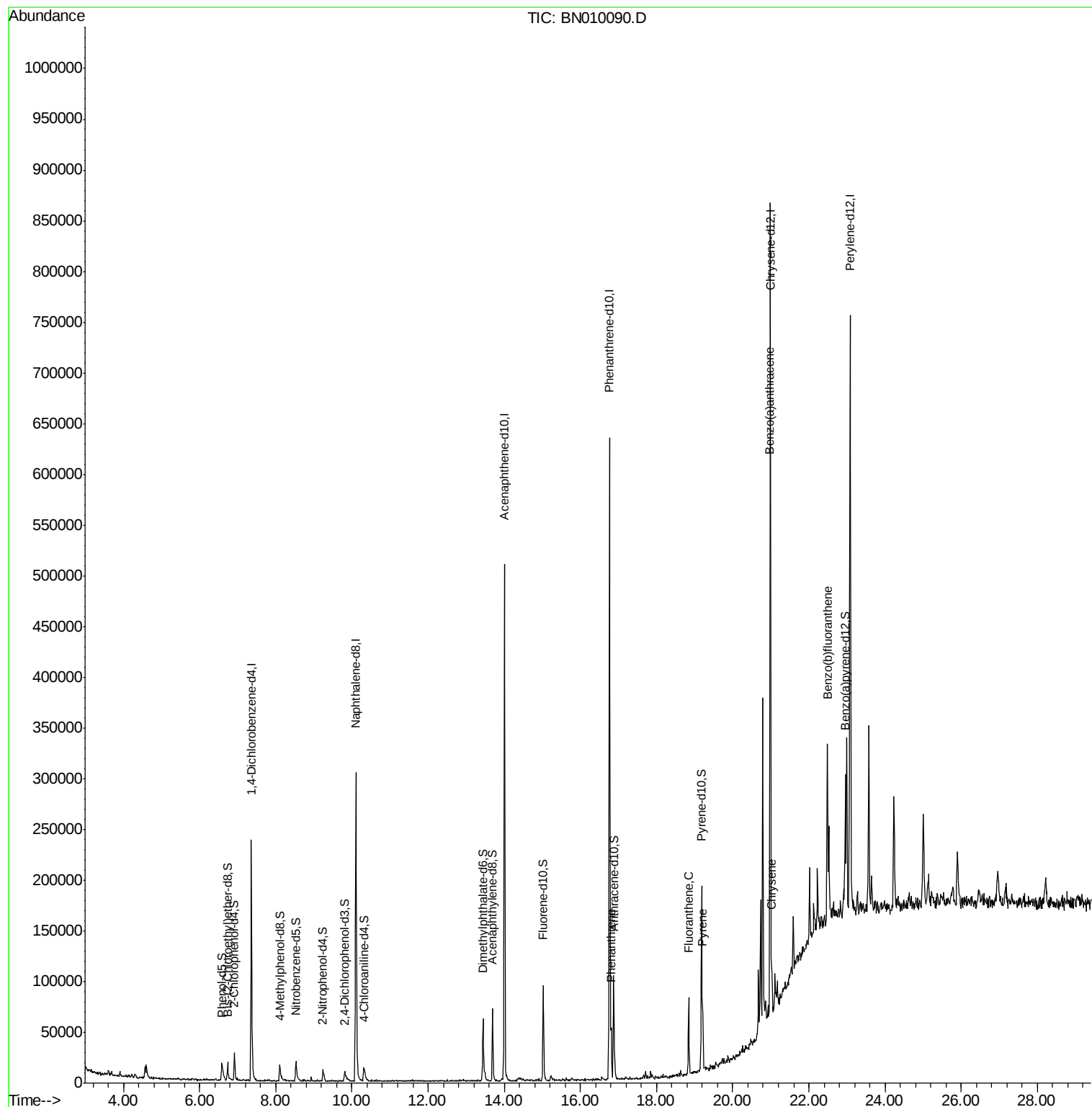
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
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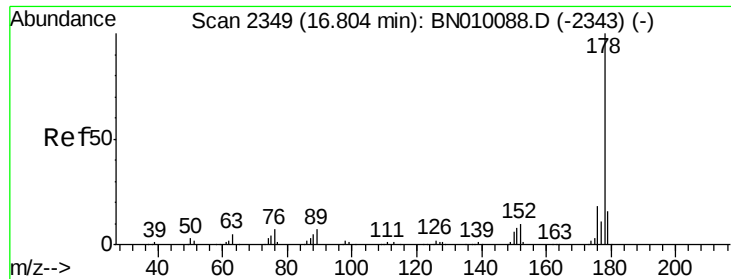
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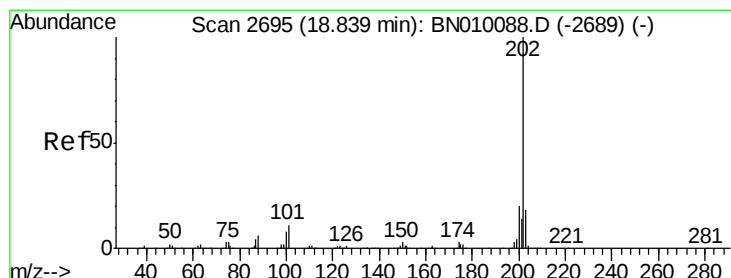
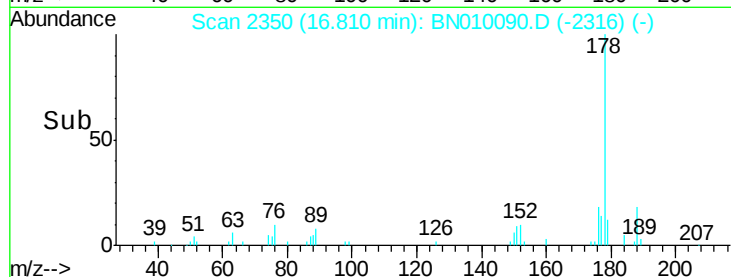
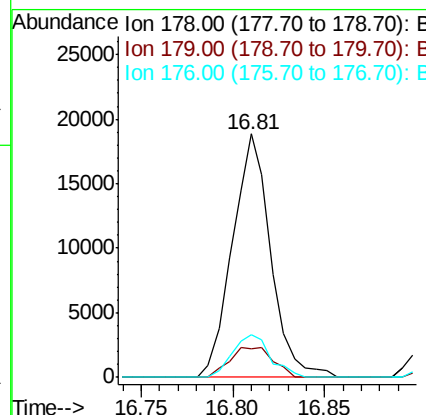
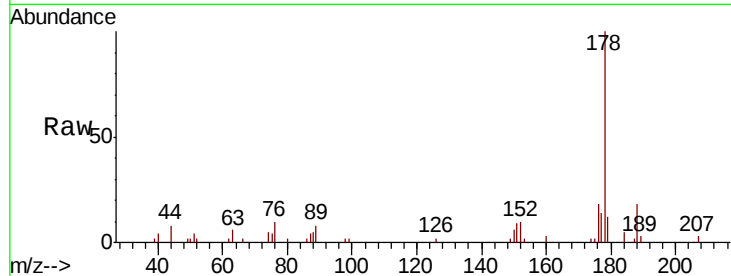
#70
Phenanthrene
Concen: 1.280 ng/ul m
RT: 16.81 min Scan# 2350
Delta R.T. -0.00 min
Lab File: BN010090.D
Acq: 04 Mar 2020 22:14

Instrument :
BNA_N
ClientSampled :
CB6Z8

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
179	11.8	12.5	18.7	
176	17.7	14.6	22.0	

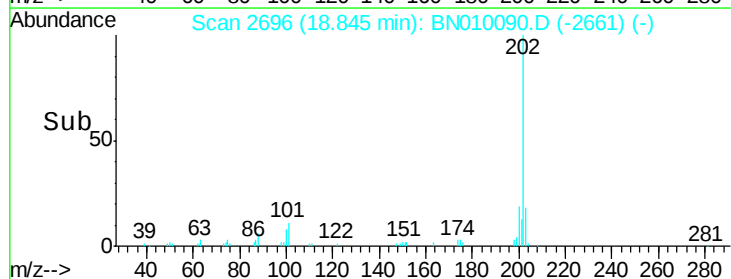
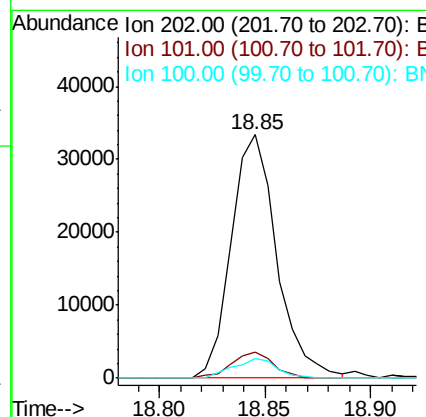
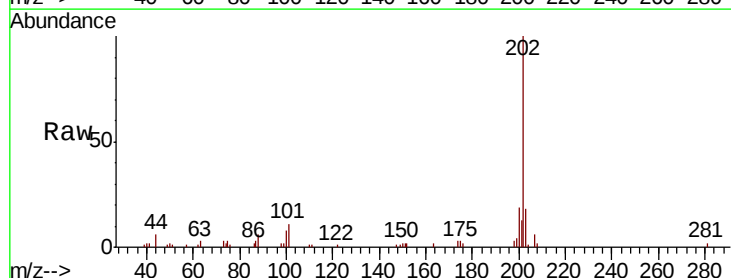
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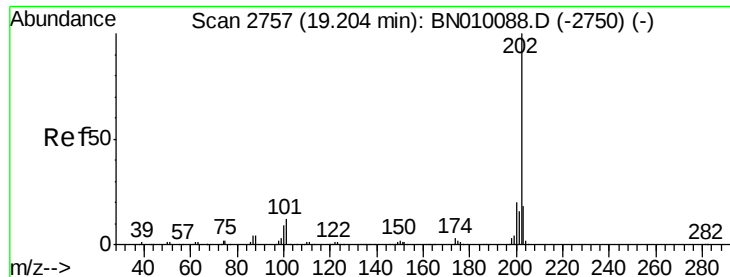
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#77
Fluoranthene
Concen: 1.986 ng/ul
RT: 18.85 min Scan# 2696
Delta R.T. 0.01 min
Lab File: BN010090.D
Acq: 04 Mar 2020 22:14

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	10.7	9.4	14.2	
100	7.9	7.2	10.8	





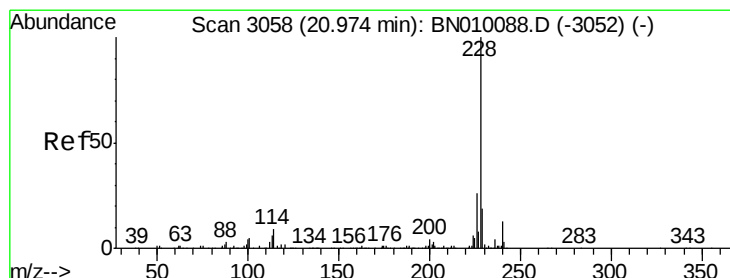
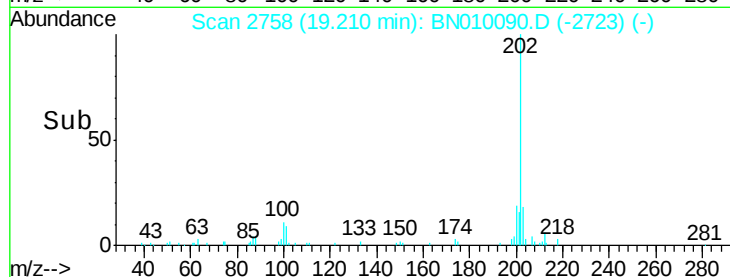
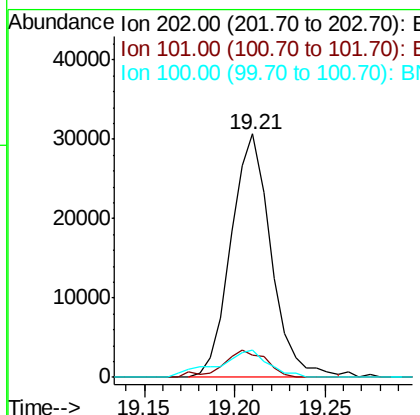
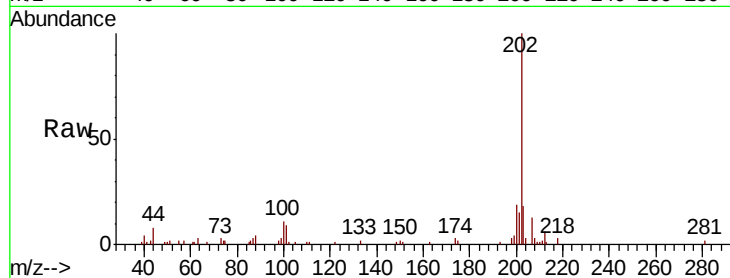
#80
Pvrene
Concen: 1.879 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. 0.01 min
Lab File: BN010090.D
Acq: 04 Mar 2020 22:14

Instrument :
BNA_N
ClientSampleId :
CB6Z8

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.0	11.3	16.9#
100	11.2	9.0	13.6

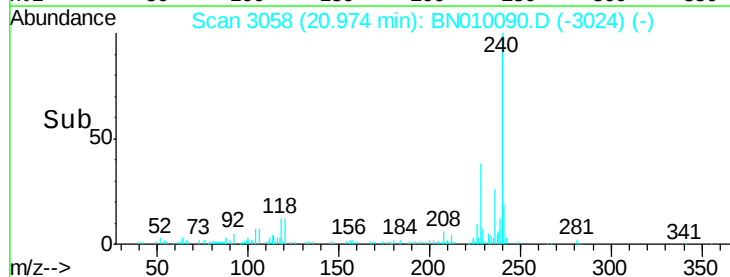
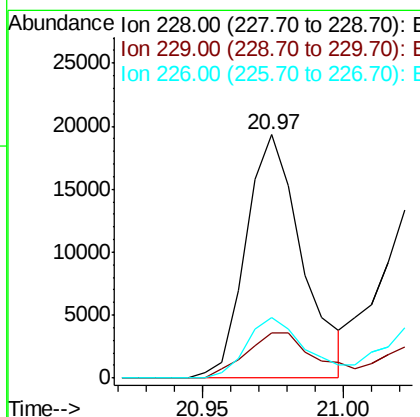
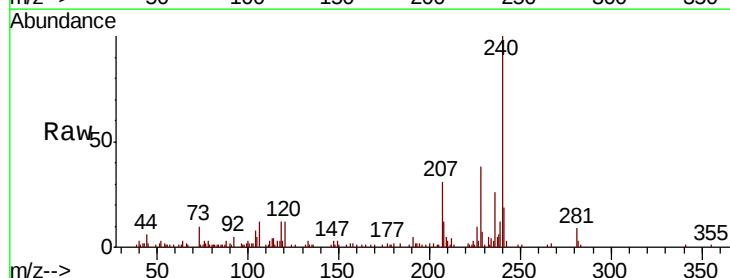
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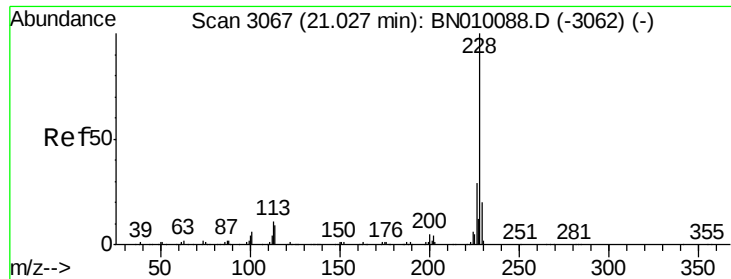
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#83
Benzo(a)anthracene
Concen: 1.121 ng/ul
RT: 20.97 min Scan# 3058
Delta R.T. -0.00 min
Lab File: BN010090.D
Acq: 04 Mar 2020 22:14

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.6	15.0	22.4
226	24.8	21.4	32.2





#85

Chrysene

Concen: 1.105 ng/ul m

RT: 21.03 min Scan# 3067

Delta R.T. -0.00 min

Lab File: BN010090.D

Acq: 04 Mar 2020 22:14

Instrument :

BNA_N

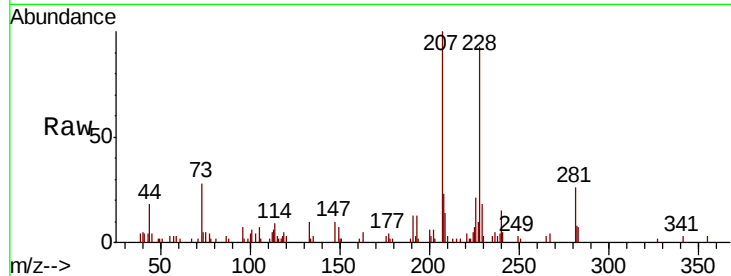
ClientSampled :

CB6Z8

Tot Ion	Ratio	Lower	Upper
228	100		
226	22.9	23.4	35.2#
229	19.4	15.0	22.4

Manual Integrations
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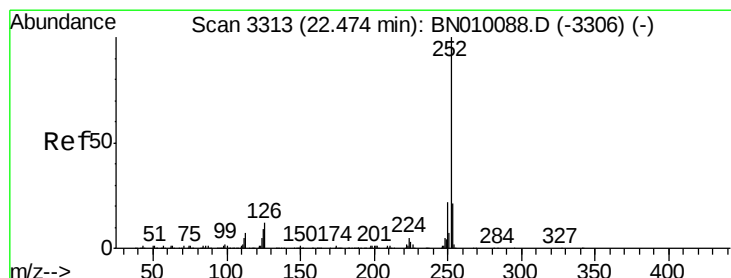
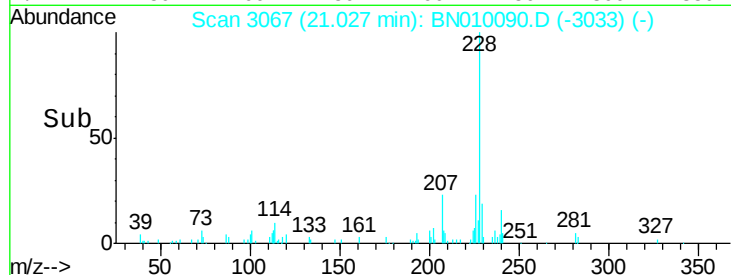
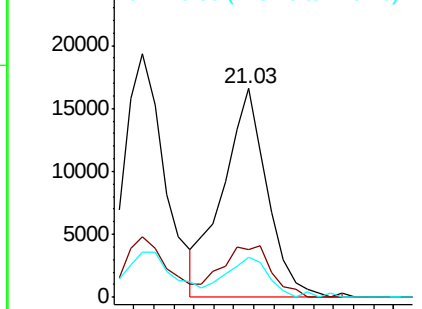


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 1.293 ng/ul

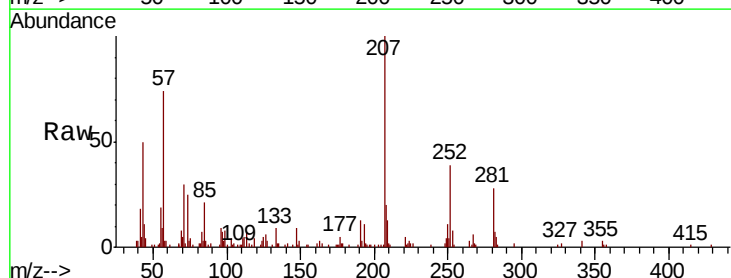
RT: 22.48 min Scan# 3314

Delta R.T. 0.01 min

Lab File: BN010090.D

Acq: 04 Mar 2020 22:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.9	17.0	25.4
125	13.2	8.0	12.0#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

