

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009643.D
 Acq On : 07 Feb 2020 11:59
 Operator : CG/JU
 Sample : L1323-02DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 GAT42DL

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:20:44 AM

Quant Time: Feb 07 15:42:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 15:21:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	184114	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	790665	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	489291	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	1003475	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	909203	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	982207	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	140	0.03	ng/uL	0.02
5) Phenol-d5	6.65	99	9619	0.60	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.80	67	6594	0.61	ng/ul	0.01
9) 2-Chlorophenol-d4	6.99	132	7138	0.60	ng/ul	0.01
13) 4-Methylphenol-d8	8.17	113	4601	0.36	ng/ul	0.02
19) Nitrobenzene-d5	8.59	128	3160	0.54	ng/ul	0.02
22) 2-Nitrophenol-d4	9.30	143	2781	0.42	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.86	165	7208m	0.59	ng/ul	0.04
29) 4-Chloroaniline-d4	10.38	131	3062m	0.23	ng/ul	0.04
43) Dimethylphthalate-d6	13.50	166	27890	0.78	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	31376	0.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.36	143	850	0.13	ng/ul	0.05
57) Fluorene-d10	15.07	176	24871	0.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	1144	0.18	ng/ul	0.02
70) Anthracene-d10	16.92	188	44183m	0.97	ng/ul	0.00
78) Pyrene-d10	19.23	212	42306	0.89	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	44315	0.92	ng/ul	0.00

Target Compounds

					Ovalue
47) Acenaphthylene	13.79	152	74705	1.582	ng/ul 100
71) Anthracene	16.96	178	58201	1.002	ng/ul 98
76) Fluoranthene	18.90	202	278767	4.268	ng/ul 100
79) Pyrene	19.26	202	559939	8.436	ng/ul 98
82) Benzo(a)anthracene	21.03	228	240976m	3.839	ng/ul
84) Chrysene	21.08	228	212043	3.393	ng/ul 98
87) Benzo(b)fluoranthene	22.54	252	138735	2.258	ng/ul 98
90) Benzo(a)pyrene	23.07	252	134200	2.357	ng/ul# 94

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

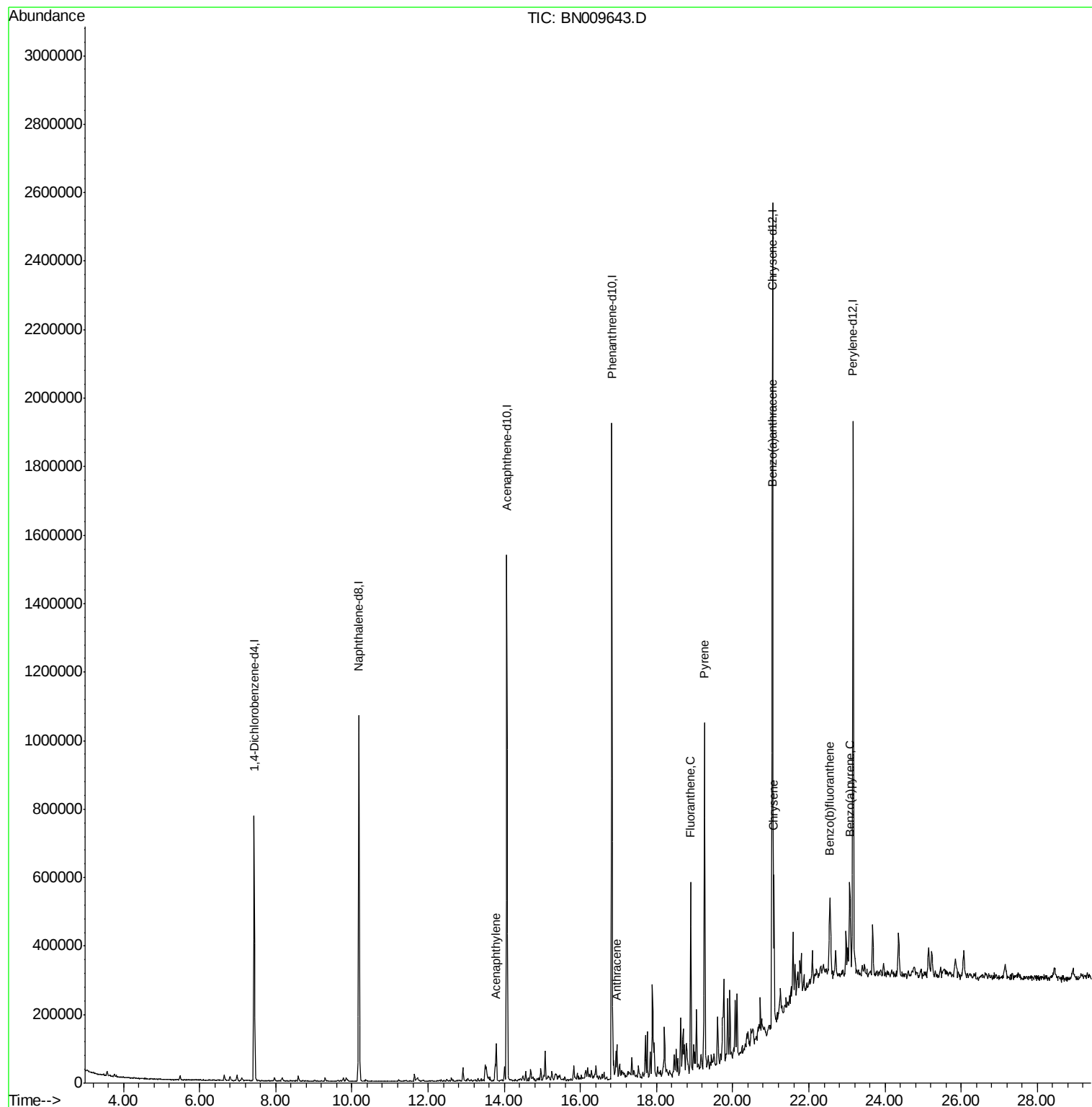
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
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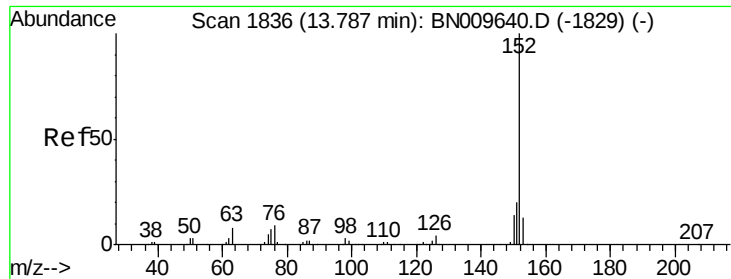
Instrument :
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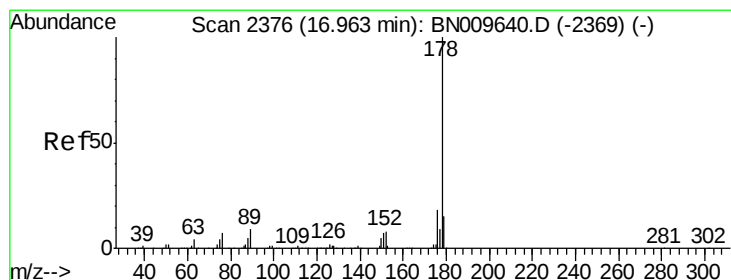
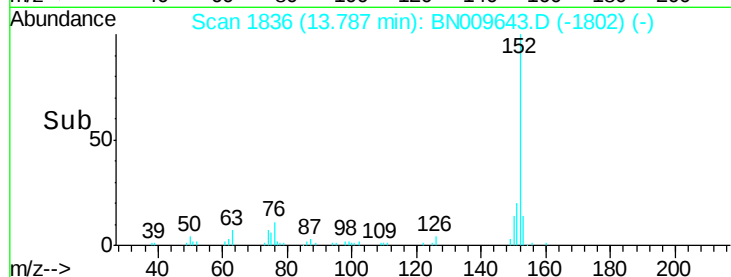
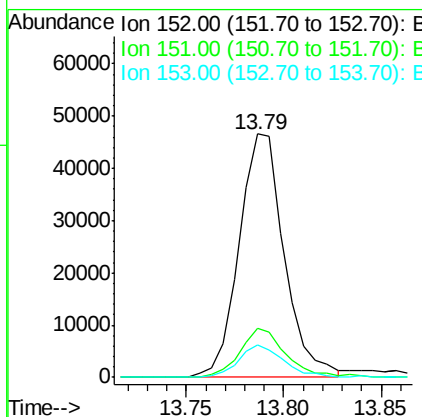
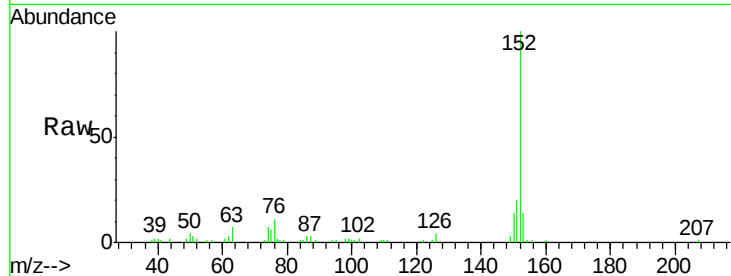
#47
Acenaphthylene
Concen: 1.582 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BN009643.D
Acq: 07 Feb 2020 11:59

Instrument :
BNA_N
ClientSampleId :
GAT42DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.5	10.6	15.8

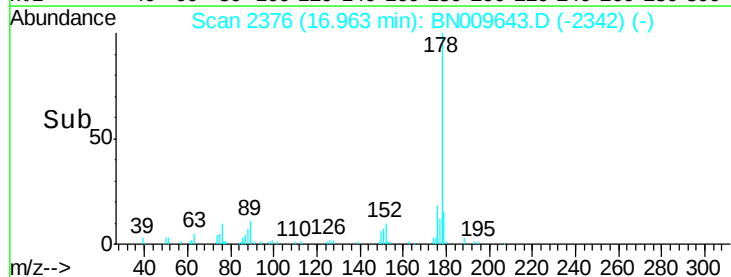
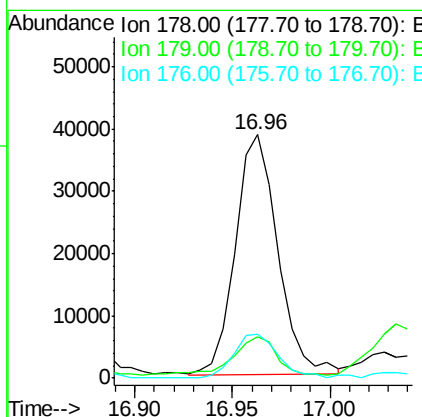
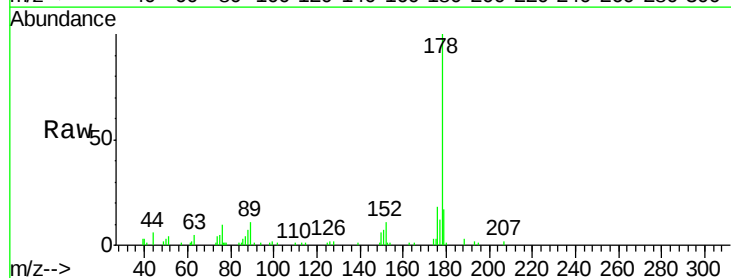
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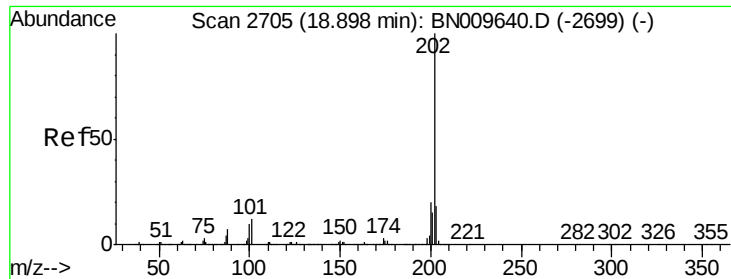
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#71
Anthracene
Concen: 1.002 ng/ul
RT: 16.96 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BN009643.D
Acq: 07 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.1	18.1
176	18.0	14.6	21.8





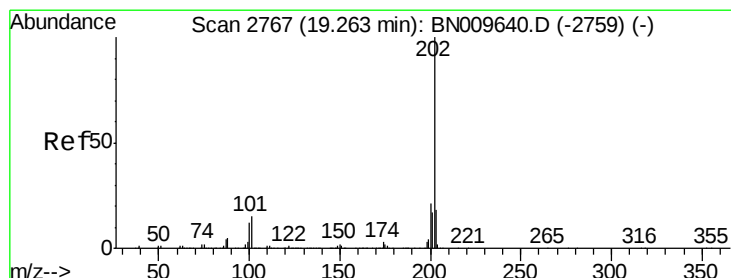
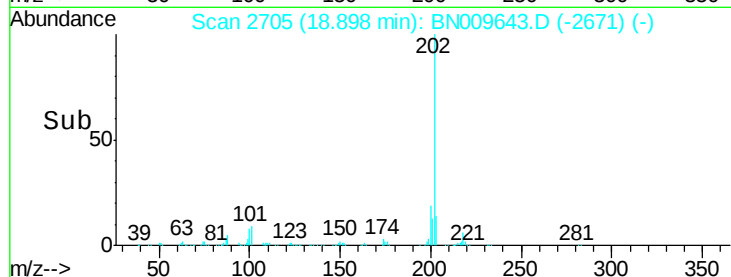
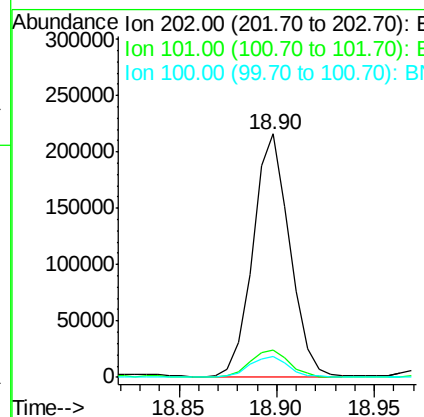
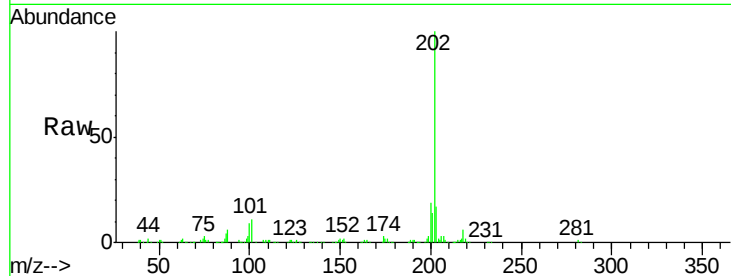
#76
Fluoranthene
Concen: 4.268 ng/ul
RT: 18.90 min Scan# 2705
Delta R.T. -0.00 min
Lab File: BN009643.D
Acq: 07 Feb 2020 11:59

Instrument :
BNA_N
ClientSampleID :
GAT42DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		278767		
101	11.5	9.2	13.8		
100	8.7	6.9	10.3		

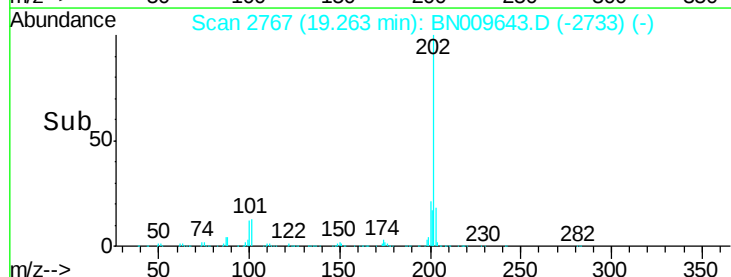
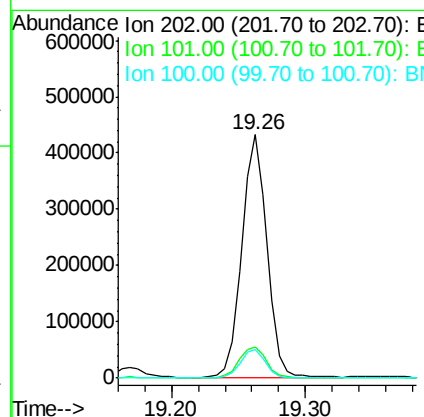
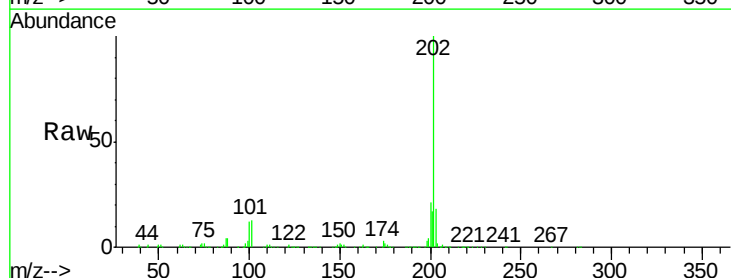
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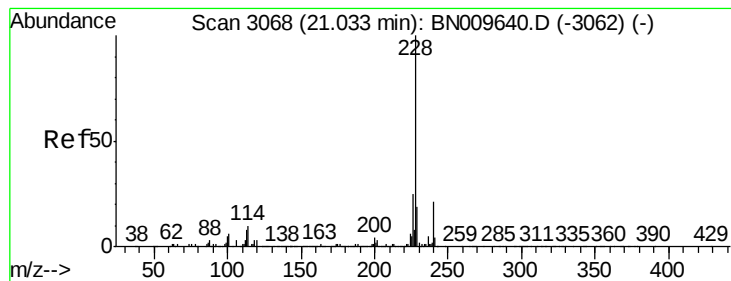
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#79
Pyrene
Concen: 8.436 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BN009643.D
Acq: 07 Feb 2020 11:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		559939		
101	13.0	10.3	15.5		
100	11.8	8.4	12.6		





#82

Benzo(a)anthracene

Concen: 3.839 ng/ul

RT: 21.03 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BN009643.D

Acq: 07 Feb 2020 11:59

Instrument :

BNA_N

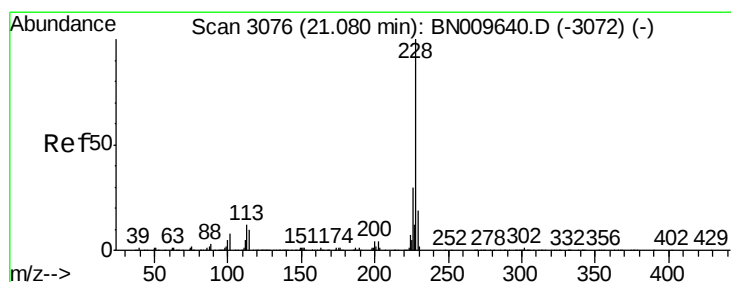
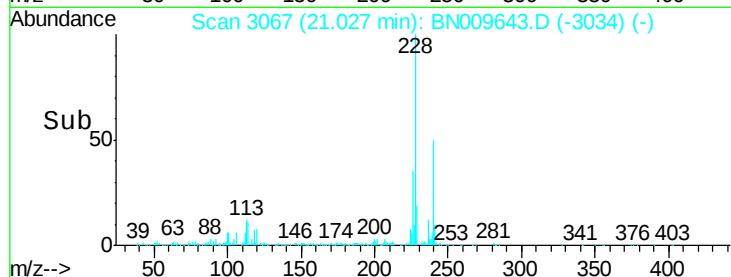
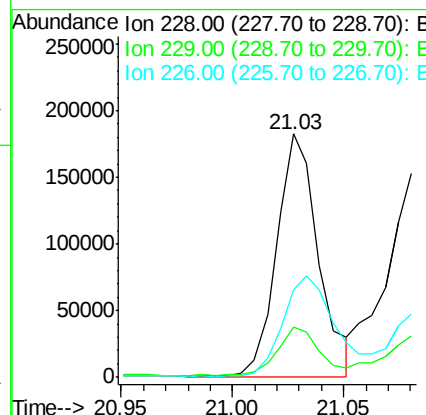
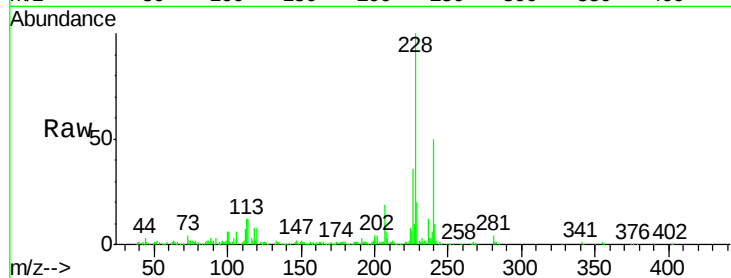
ClientSampleId :

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Tot Ion:	228	Resp:	240976
Ion Ratio		Lower	Upper
228	100		
229	20.5	15.0	22.4
226	36.0	20.9	31.3

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#84

Chrysene

Concen: 3.393 ng/ul

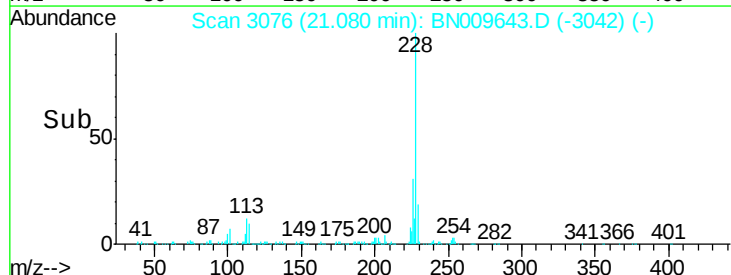
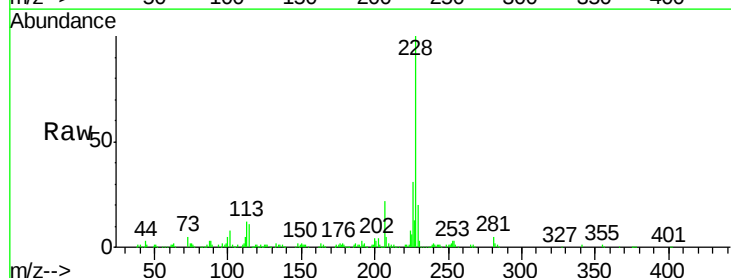
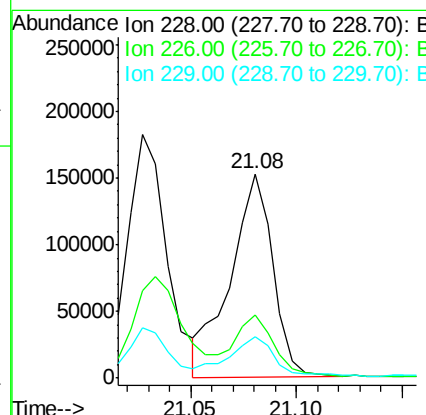
RT: 21.08 min Scan# 3076

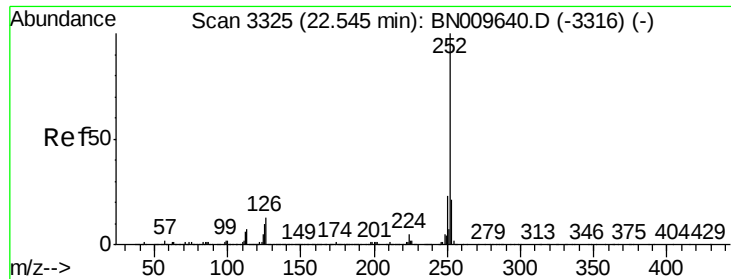
Delta R.T. -0.00 min

Lab File: BN009643.D

Acq: 07 Feb 2020 11:59

Tgt Ion:	228	Resp:	212043
Ion Ratio		Lower	Upper
228	100		
226	31.0	23.5	35.3
229	20.1	15.8	23.8





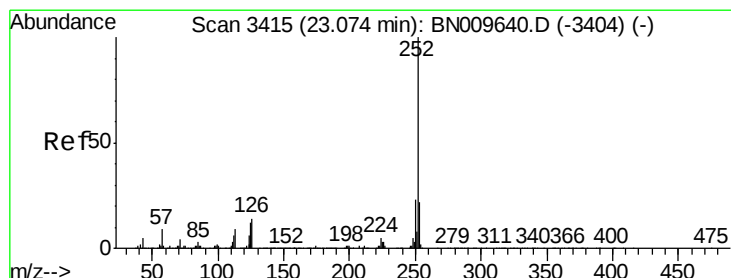
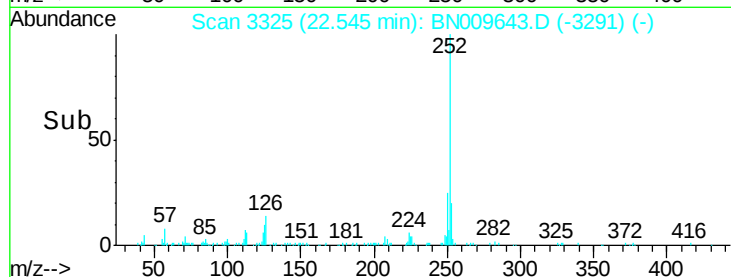
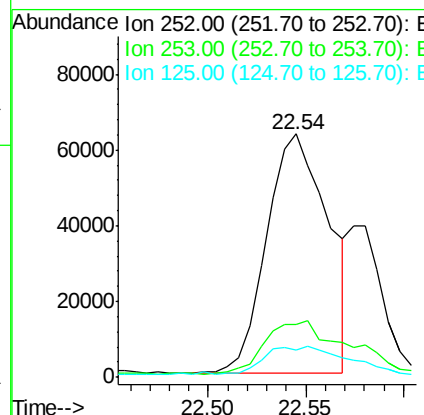
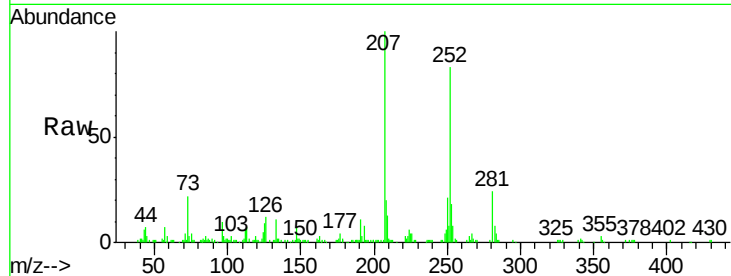
#87
Benzo(b)fluoranthene
Concen: 2.258 ng/ul
RT: 22.54 min Scan# 3325
Delta R.T. -0.00 min
Lab File: BN009643.D
Acq: 07 Feb 2020 11:59

Instrument :
BNA_N
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GAT42DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	11.4	8.2	12.2

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#90
Benzo(a)pyrene
Concen: 2.357 ng/ul
RT: 23.07 min Scan# 3414
Delta R.T. -0.01 min
Lab File: BN009643.D
Acq: 07 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	15.8	23.8
125	13.3	8.7	13.1

