

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091719\
 Data File : BN007696.D
 Acq On : 17 Sep 2019 14:43
 Operator : HP/JU
 Sample : K4634-09MEDL2 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F2D27MEDL2

Manual Integrations
 APPROVED

mohammad
 9/18/2019 8:34:19 AM

Quant Time: Sep 18 01:52:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 16 18:09:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	499096	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.47	136	2098091	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1352440	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	2976714	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	2948784	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	3200347	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	4246	0.32	ng/uL	0.00
5) Phenol-d5	6.87	99	107615	2.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	50402	1.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	80934	2.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	73887	2.04	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	72149	4.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	30276	2.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	69898	2.05	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.60	131	27694m	0.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	231180	2.15	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	260461	2.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	25642	1.34	ng/ul	0.00
57) Fluorene-d10	15.32	176	208819	2.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	6891	0.43	ng/ul	0.00
70) Anthracene-d10	17.17	188	342107	2.31	ng/ul	0.00
78) Pyrene-d10	19.47	212	413261	2.60	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	413724	2.48	ng/ul	0.01

Target Compounds

					Ovalue
49) Acenaphthene	14.39	153	239957	2.627	ng/ul 99
58) Fluorene	15.37	166	129904	1.219	ng/ul 99
69) Phenanthrene	17.12	178	4910671	27.818	ng/ul 99
71) Anthracene	17.20	178	902239	5.106	ng/ul 98
74) Carbazole	17.47	167	796433	5.329	ng/ul 98
76) Fluoranthene	19.14	202	11383193	58.785	ng/ul 99
79) Pyrene	19.50	202	10423280	53.084	ng/ul 100
82) Benzo(a)anthracene	21.26	228	6718804	31.976	ng/ul 96
84) Chrysene	21.32	228	7695131	39.362	ng/ul 97
87) Benzo(b)fluoranthene	22.84	252	10319465	49.861	ng/ul 97
88) Benzo(k)fluoranthene	22.88	252	2744219m	13.644	ng/ul
90) Benzo(a)pyrene	23.41	252	7221571	36.091	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.73	276	4791412	20.381	ng/ul 95
92) Dibenzo(a,h)anthracene	25.73	278	1303243	6.646	ng/ul# 82
93) Benzo(g,h,i)perylene	26.41	276	4685372	24.311	ng/ul 97

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

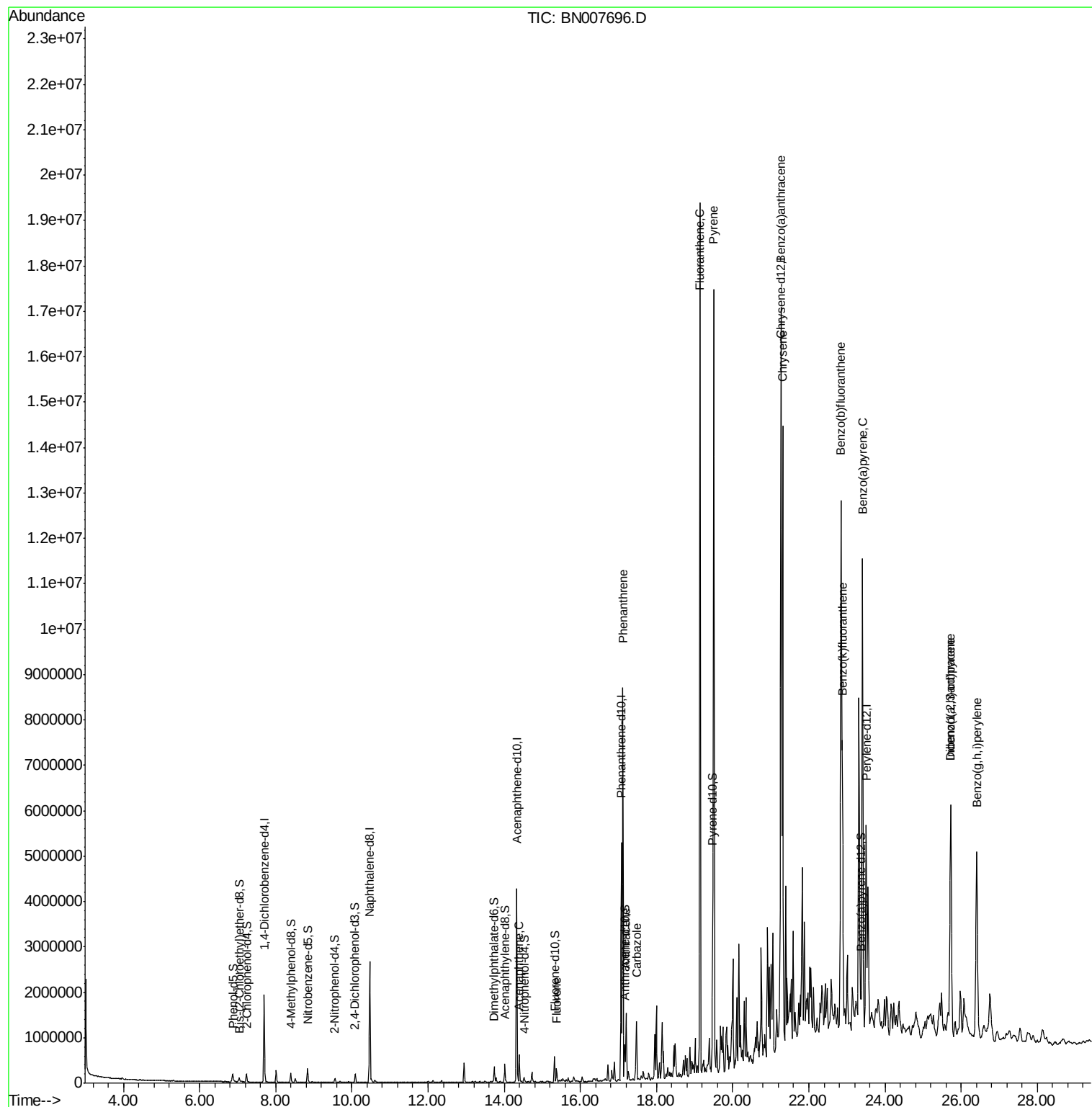
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091719\
Data File : BN007696.D
Acq On : 17 Sep 2019 14:43
Operator : HP/JU
Sample : K4634-09MEDL2 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

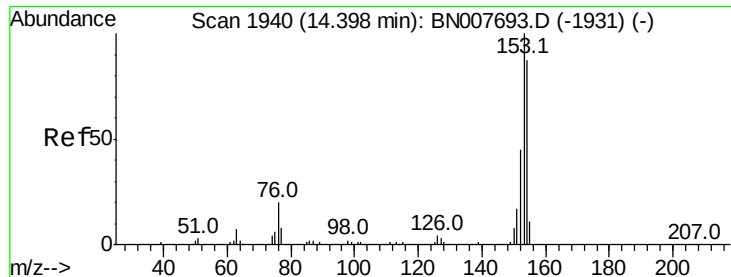
Instrument :
BNA_N
ClientSampleId :
F2D27MEDL2

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration





#49

Acenaphthene

Concen: 2.627 ng/ul

RT: 14.39 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BN007696.D

Acq: 17 Sep 2019 14:43

Instrument :

BNA_N

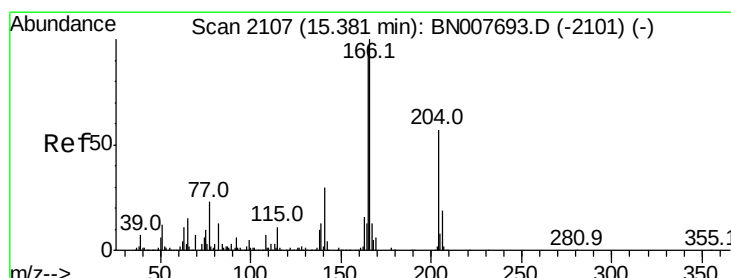
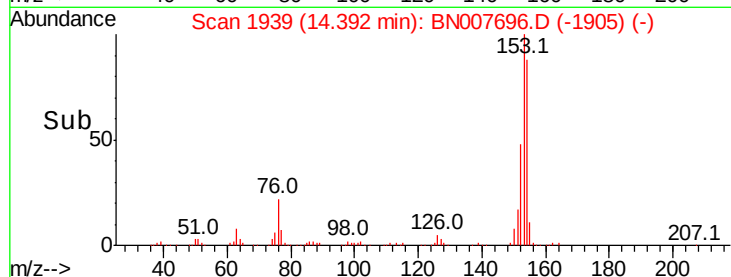
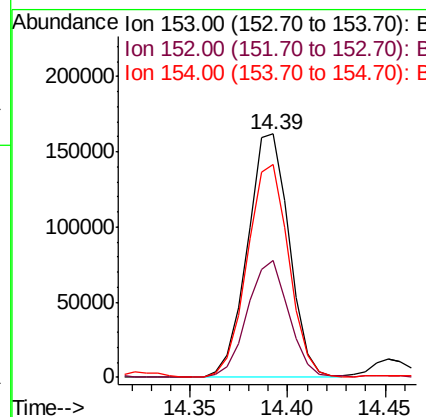
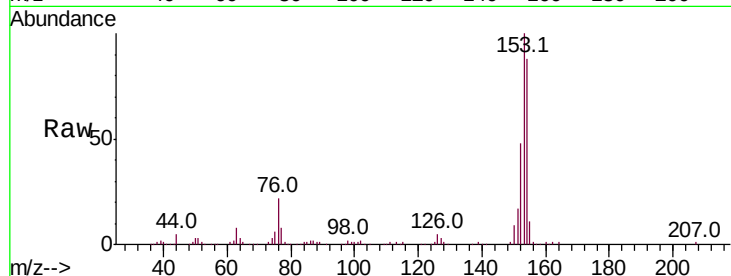
ClientSampleId :

F2D27MEDL2

Tot Ion:	153	Resp:	239957
Ion Ratio	Lower	Upper	
153	100		
152	48.3	37.8	56.8
154	87.6	70.3	105.5

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#58

Fluorene

Concen: 1.219 ng/ul

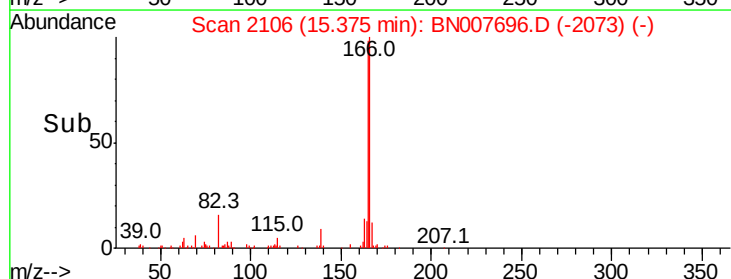
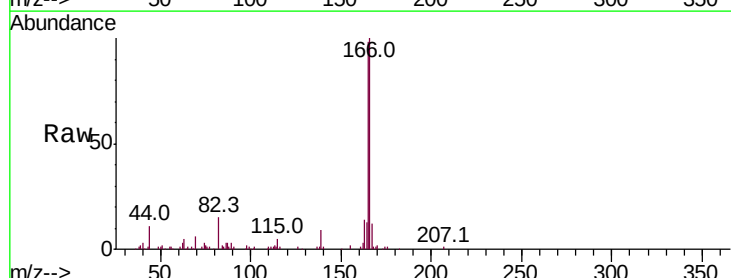
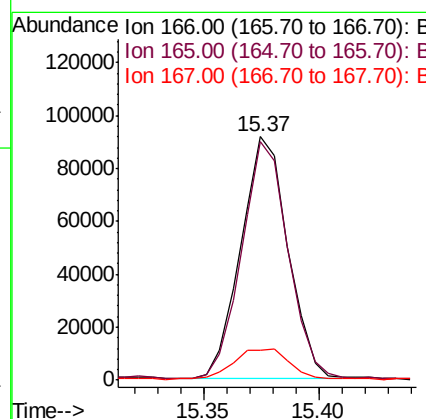
RT: 15.37 min Scan# 2106

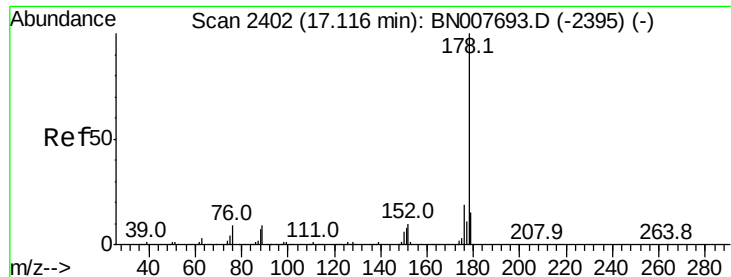
Delta R.T. -0.01 min

Lab File: BN007696.D

Acq: 17 Sep 2019 14:43

Tgt Ion:	166	Resp:	129904
Ion Ratio	Lower	Upper	
166	100		
165	98.1	78.6	118.0
167	12.3	10.8	16.2





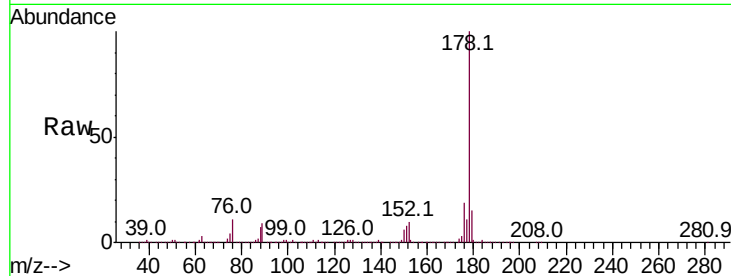
#69
Phenanthrene
Concen: 27.818 ng/ul
RT: 17.12 min Scan# 2402
Delta R.T. -0.00 min
Lab File: BN007696.D
Acq: 17 Sep 2019 14:43

Instrument :
BNA_N
ClientSampleId :
F2D27MEDL2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.9	17.9
176	19.2	15.2	22.8

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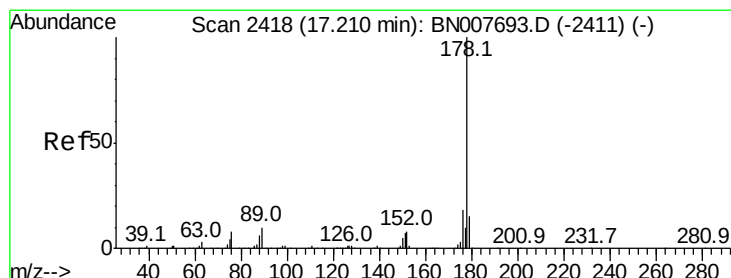
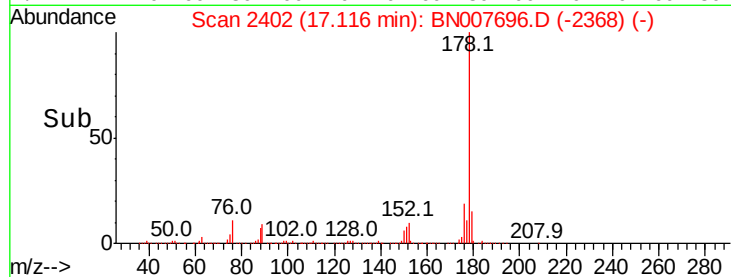
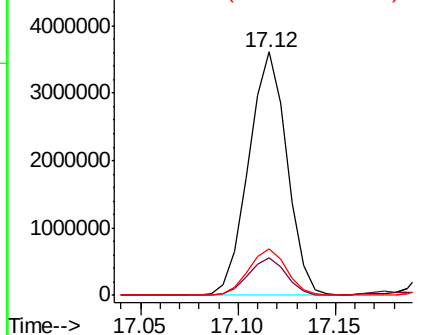


Abundance

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



#71
Anthracene
Concen: 5.106 ng/ul
RT: 17.20 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BN007696.D
Acq: 17 Sep 2019 14:43

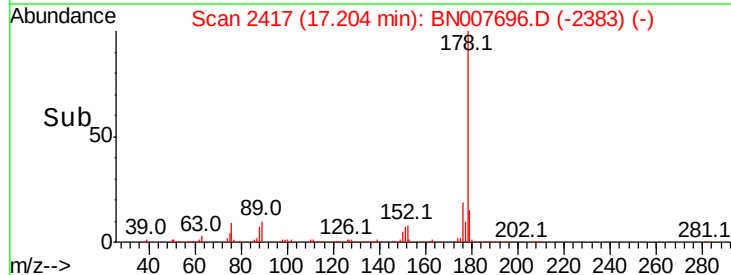
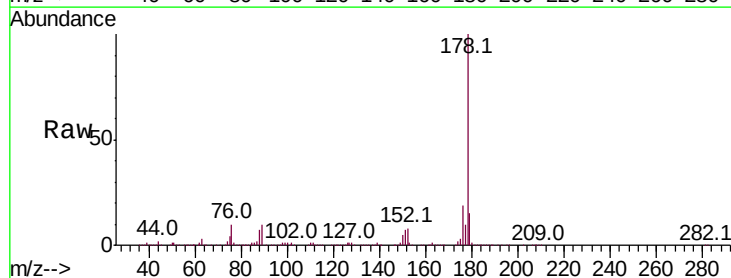
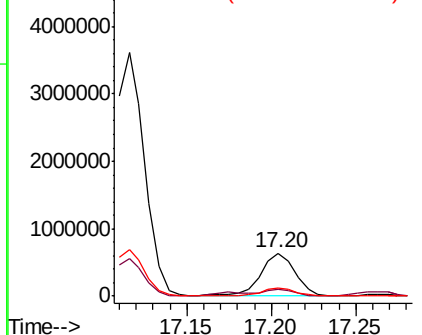
Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.7	19.1
176	18.5	15.1	22.7

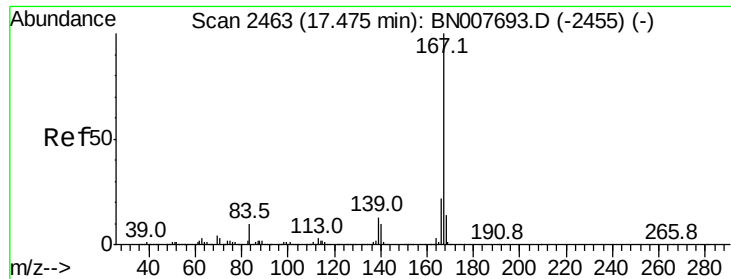
Abundance

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





#74

Carbazole

Concen: 5.329 ng/ul

RT: 17.47 min Scan# 2463

Delta R.T. 0.01 min

Lab File: BN007696.D

Acq: 17 Sep 2019 14:43

Instrument :

BNA_N

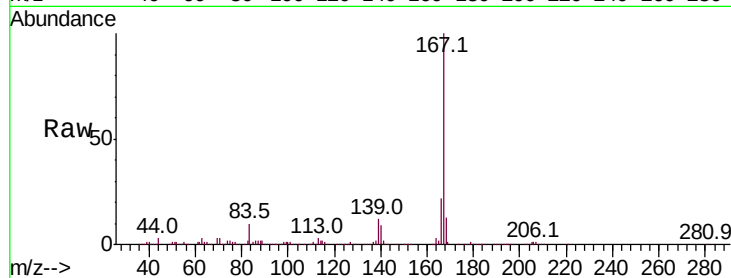
ClientSampleId :

F2D27MEDL2

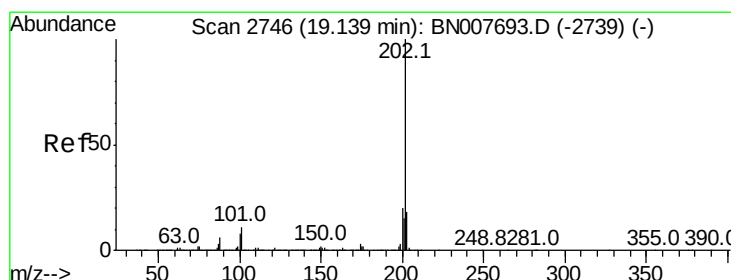
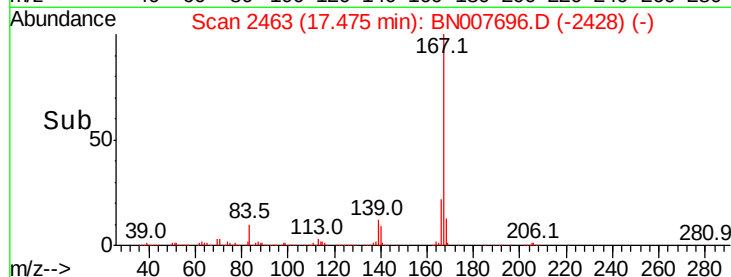
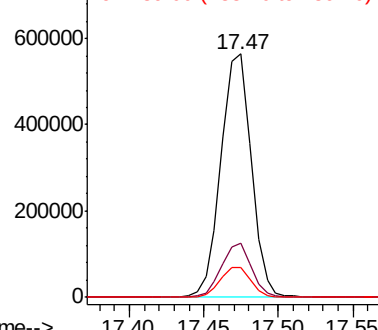
Tot Ion:	167	Resp:	796433
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.0	25.4
139	12.1	10.1	15.1

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#76

Fluoranthene

Concen: 58.785 ng/ul

RT: 19.14 min Scan# 2746

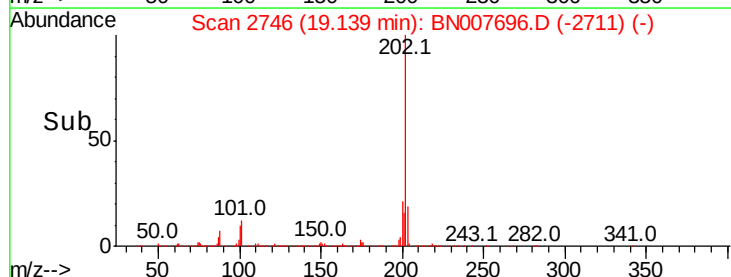
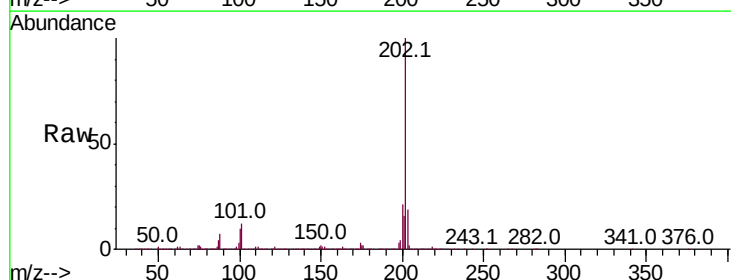
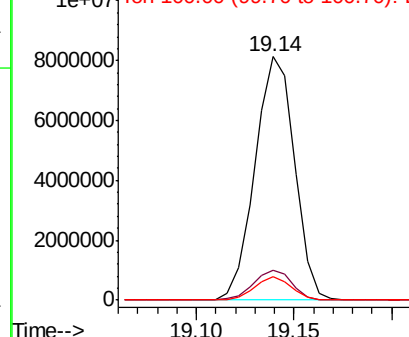
Delta R.T. 0.01 min

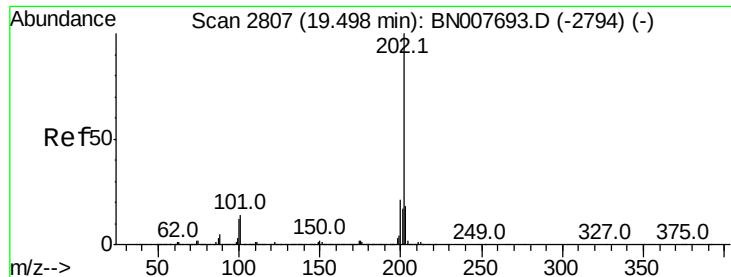
Lab File: BN007696.D

Acq: 17 Sep 2019 14:43

Tgt Ion:	202	Resp:	11383193
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.4	14.2
100	9.5	7.1	10.7

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: 53.084 ng/ul

RT: 19.50 min Scan# 2808

Delta R.T. 0.01 min

Lab File: BN007696.D

Acq: 17 Sep 2019 14:43

Instrument :

BNA_N

ClientSampleId :

F2D27MEDL2

Tot Ion:202 Resp:10423280

Ion Ratio Lower Upper

202 100

101 14.0 11.2 16.8

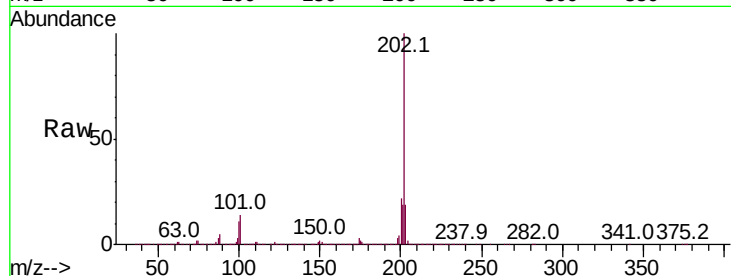
100 11.3 9.4 14.0

Manual Integrations

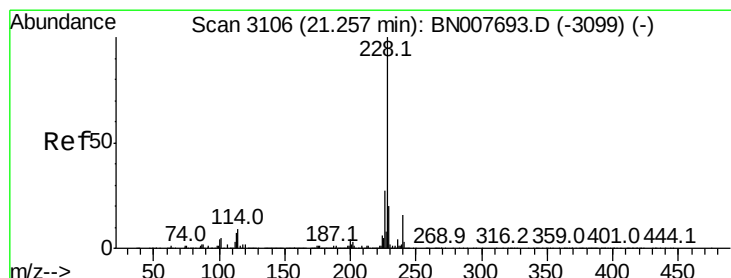
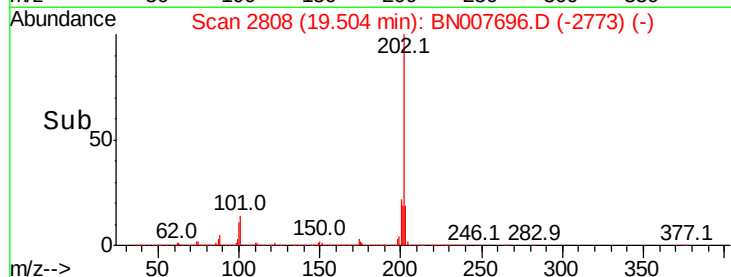
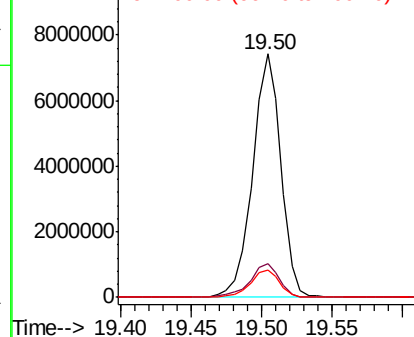
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Abundance Ion 202.00 (201.70 to 202.70): E
1e+07 Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#82

Benzo(a)anthracene

Concen: 31.976 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. 0.01 min

Lab File: BN007696.D

Acq: 17 Sep 2019 14:43

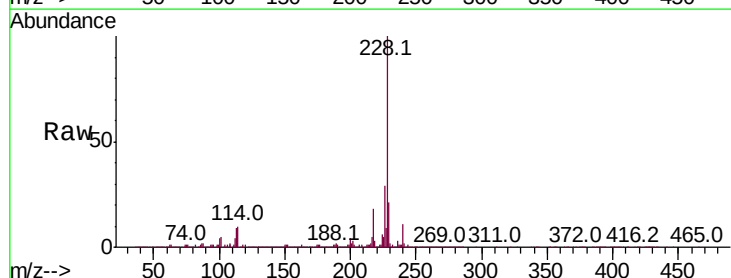
Tgt Ion:228 Resp: 6718804

Ion Ratio Lower Upper

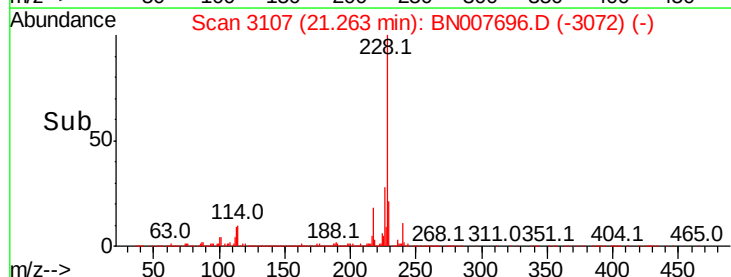
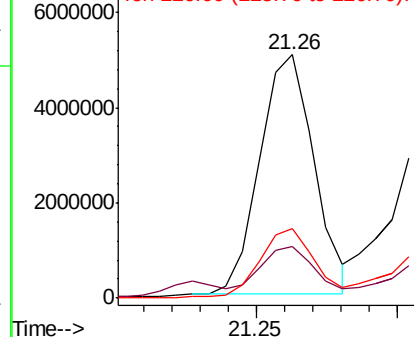
228 100

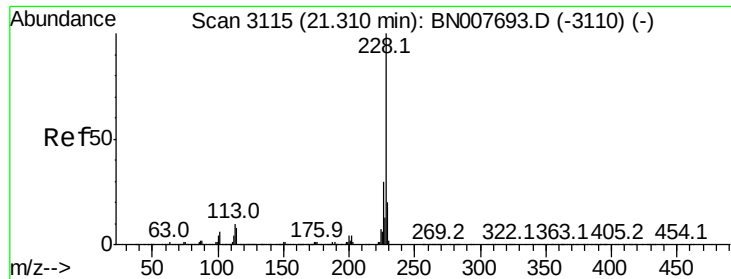
229 21.2 15.7 23.5

226 28.6 20.9 31.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 39.362 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. 0.01 min

Lab File: BN007696.D

Acq: 17 Sep 2019 14:43

Instrument :

BNA_N

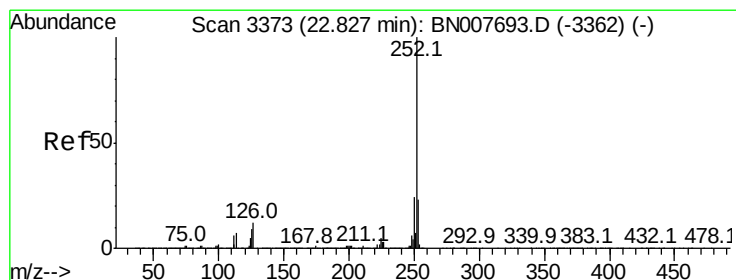
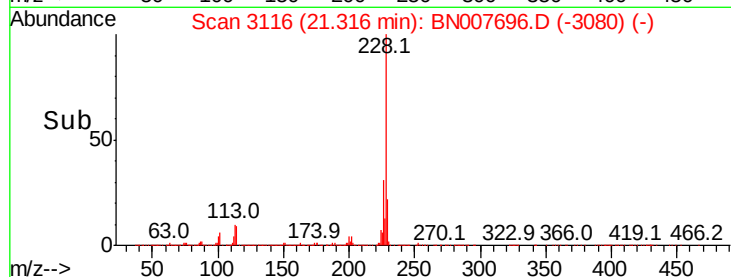
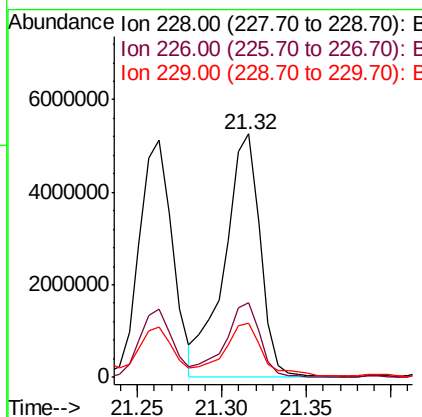
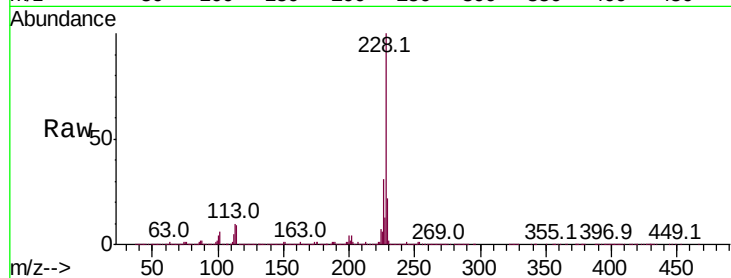
ClientSampleId :

F2D27MEDL2

Tot Ion:	228	Resp:	7695131
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.2	36.4
229	22.0	15.5	23.3

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#87

Benzo(b)fluoranthene

Concen: 49.861 ng/ul

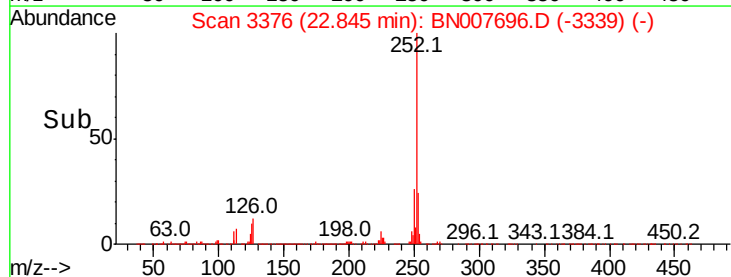
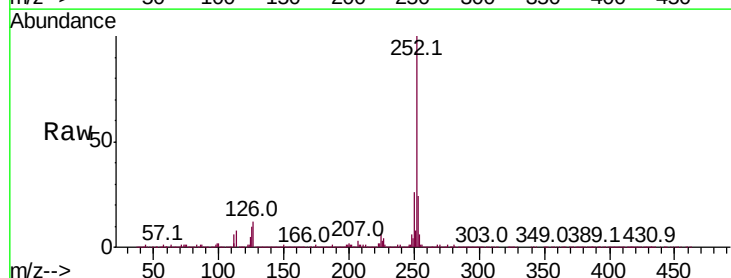
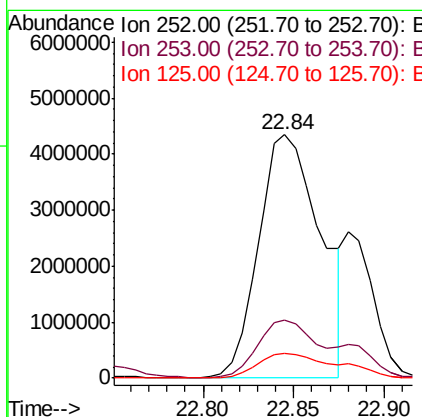
RT: 22.84 min Scan# 3376

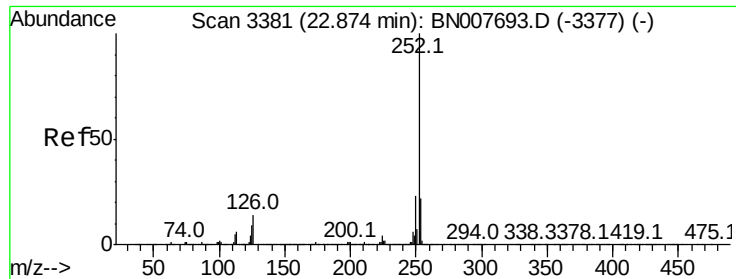
Delta R.T. 0.02 min

Lab File: BN007696.D

Acq: 17 Sep 2019 14:43

Tgt Ion:	252	Resp:	10319465
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.6	26.4
125	10.2	8.0	12.0





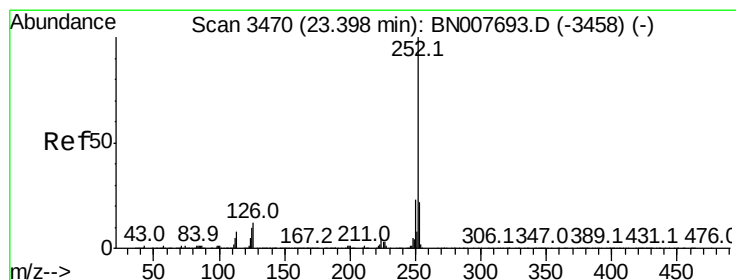
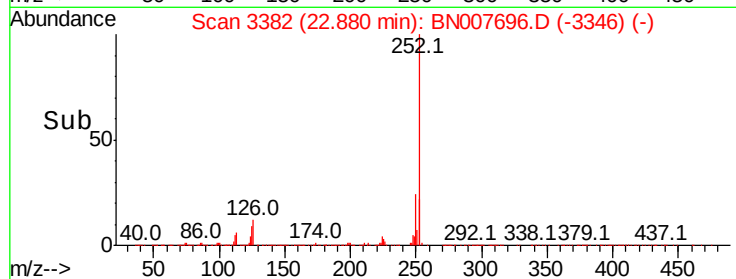
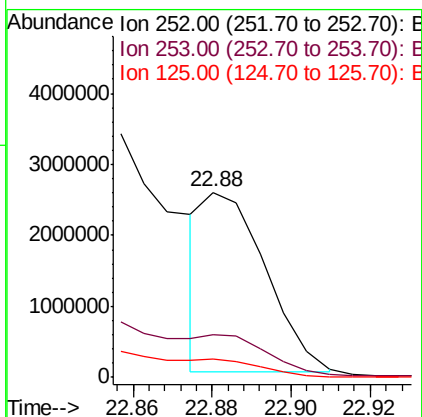
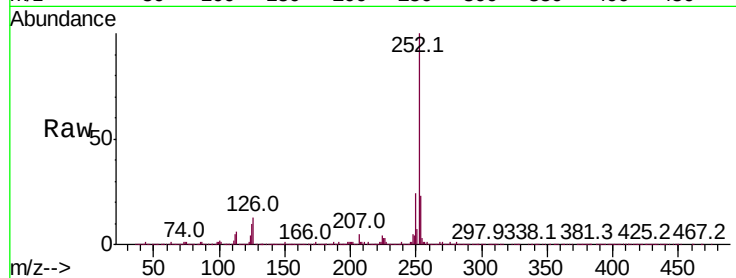
#88
Benzo(k)fluoranthene
Concen: 13.644 ng/ul m
RT: 22.88 min Scan# 3382
Delta R.T. 0.01 min
Lab File: BN007696.D
Acq: 17 Sep 2019 14:43

Instrument :
BNA_N
ClientSampleId :
F2D27MEDL2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	9.6	8.2	12.4

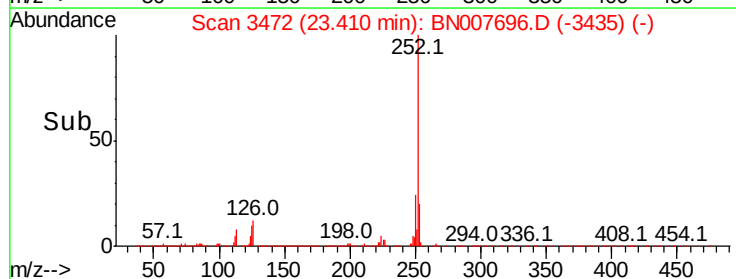
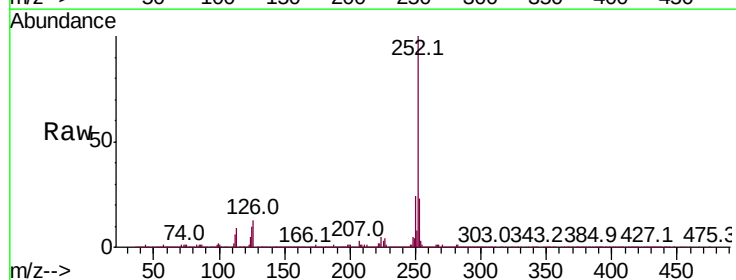
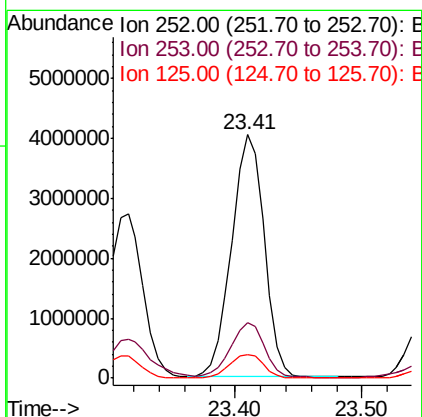
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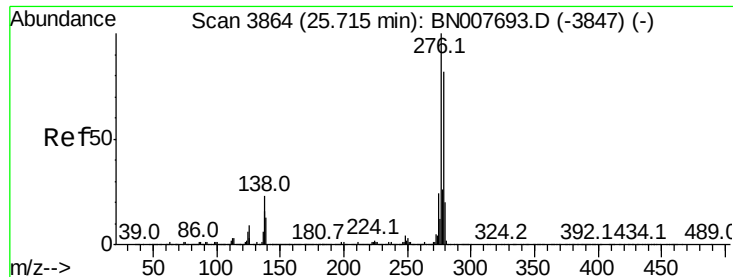
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#90
Benzo(a)pyrene
Concen: 36.091 ng/ul
RT: 23.41 min Scan# 3472
Delta R.T. 0.02 min
Lab File: BN007696.D
Acq: 17 Sep 2019 14:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	9.8	9.2	13.8





#91

Indeno(1,2,3-cd)pyrene

Concen: 20.381 ng/ul

RT: 25.73 min Scan# 3866

Delta R.T. 0.02 min

Lab File: BN007696.D

Acq: 17 Sep 2019 14:43

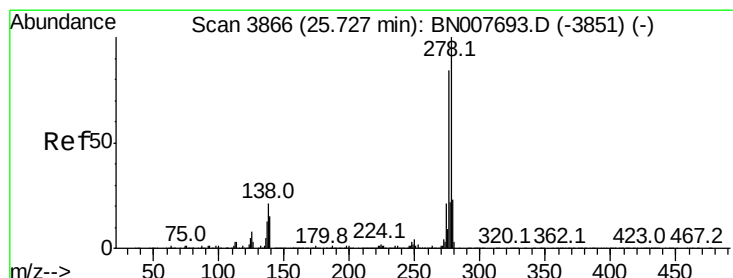
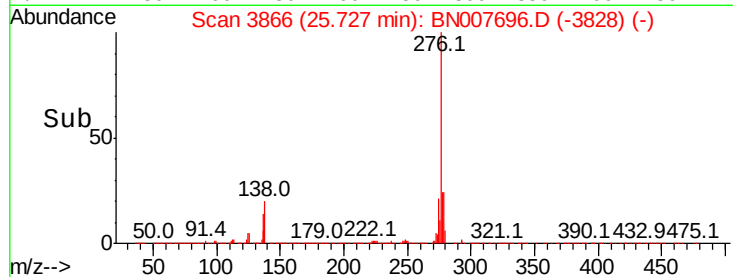
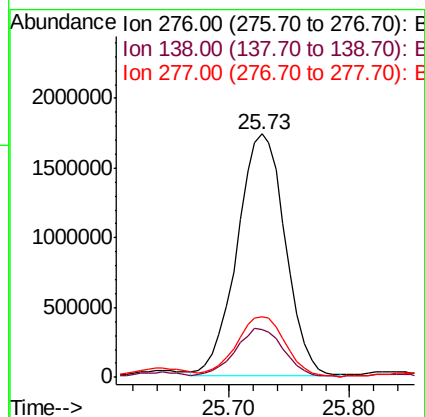
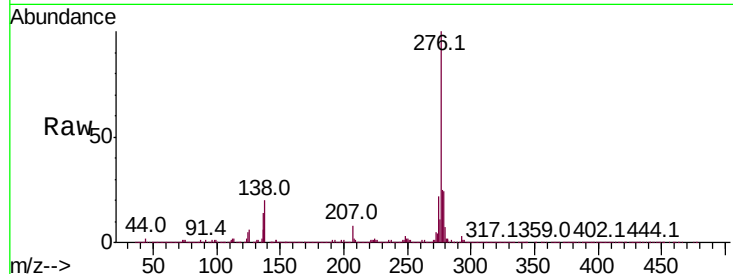
Instrument :
BNA_N

ClientSampleId :
F2D27MEDL2

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	19.1	28.7
277	25.0	19.7	29.5

Manual Integrations
APPROVED

mohammad
9/18/2019 8:34:19 AM



#92

Dibenzo(a,h)anthracene

Concen: 6.646 ng/ul

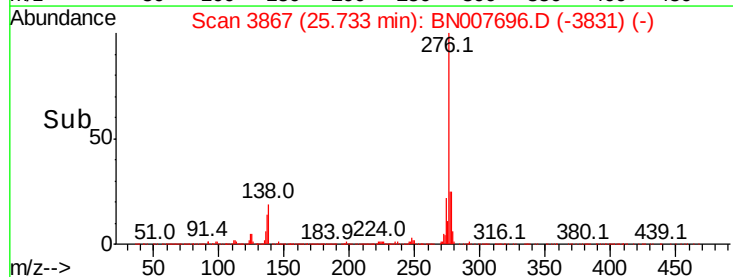
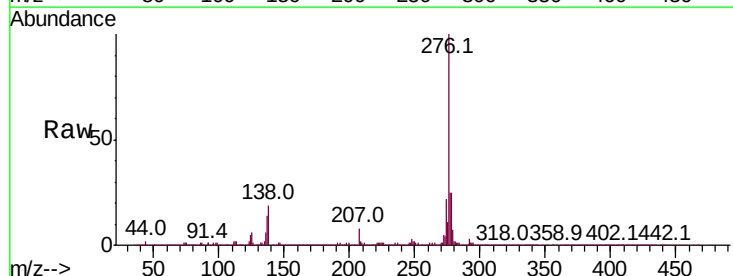
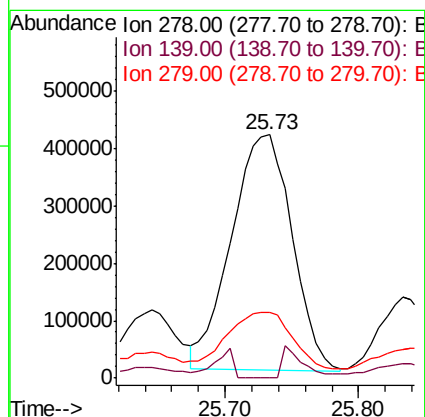
RT: 25.73 min Scan# 3867

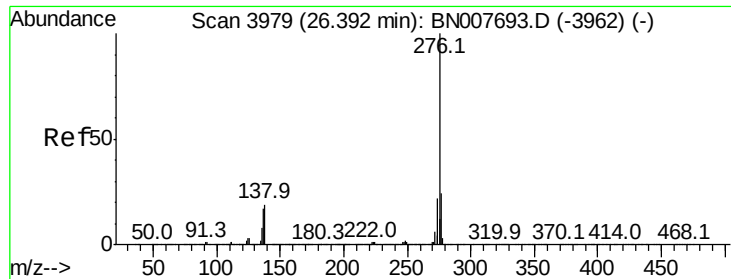
Delta R.T. 0.01 min

Lab File: BN007696.D

Acq: 17 Sep 2019 14:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.6	19.0#
279	26.7	19.4	29.2





#93

Benzo(a,h,i)perylene

Concen: 24.311 ng/ul

RT: 26.41 min Scan# 3982

Delta R.T. 0.03 min

Lab File: BN007696.D

Acq: 17 Sep 2019 14:43

Instrument :

BNA_N

ClientSampleId :

F2D27MEDL2

Tot Ion: 276 Resp: 4685372

Ion Ratio Lower Upper

276 100

138 19.6 16.5 24.7

277 24.9 18.7 28.1

Manual Integrations

APPROVED

mohammad

9/18/2019 8:34:19 AM

