

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
 Data File : BN007687.D
 Acq On : 17 Sep 2019 04:50
 Operator : HP/JU
 Sample : K4633-08DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F2D06DL

Manual Integrations
 APPROVED

mohammad
 9/17/2019 4:10:35 PM

Quant Time: Sep 17 05:54:49 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	7.70	152	731551	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	3069209	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1925372	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	3999315	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	3654003	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	4158493	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	7835	0.41	ng/uL	0.01
5) Phenol-d5	6.88	99	173261	2.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	90906	2.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	138548	2.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	134257	2.53	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	61314	2.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	55512	2.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	135917	2.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	78072	1.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	427952	2.79	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	495663	2.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	39768	1.46	ng/ul	0.00
57) Fluorene-d10	15.33	176	377291	2.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	9135	0.42	ng/ul	0.00
70) Anthracene-d10	17.17	188	589934	2.96	ng/ul	0.00
78) Pyrene-d10	19.47	212	645883	3.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	656729	3.04	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.79	163	179356	1.148	ng/ul 100
49) Acenaphthene	14.39	153	179499	1.381	ng/ul 98
69) Phenanthrene	17.12	178	3202207	13.502	ng/ul 99
71) Anthracene	17.21	178	551069	2.321	ng/ul 97
74) Carbazole	17.47	167	527709	2.628	ng/ul 99
76) Fluoranthene	19.14	202	7267729	27.935	ng/ul 99
79) Pyrene	19.50	202	6878919	28.272	ng/ul 99
82) Benzo(a)anthracene	21.26	228	4686835	18.001	ng/ul 96
84) Chrysene	21.30	228	5522921	22.799	ng/ul 96
87) Benzo(b)fluoranthene	22.83	252	7310824	27.185	ng/ul 98
88) Benzo(k)fluoranthene	22.87	252	1801698m	6.894	ng/ul
90) Benzo(a)pyrene	23.40	252	5113384	19.667	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.71	276	3455788	11.313	ng/ul 96
92) Dibenzo(a,h)anthracene	25.71	278	1001004	3.929	ng/ul# 79
93) Benzo(g,h,i)perylene	26.39	276	3136731	12.526	ng/ul 98

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

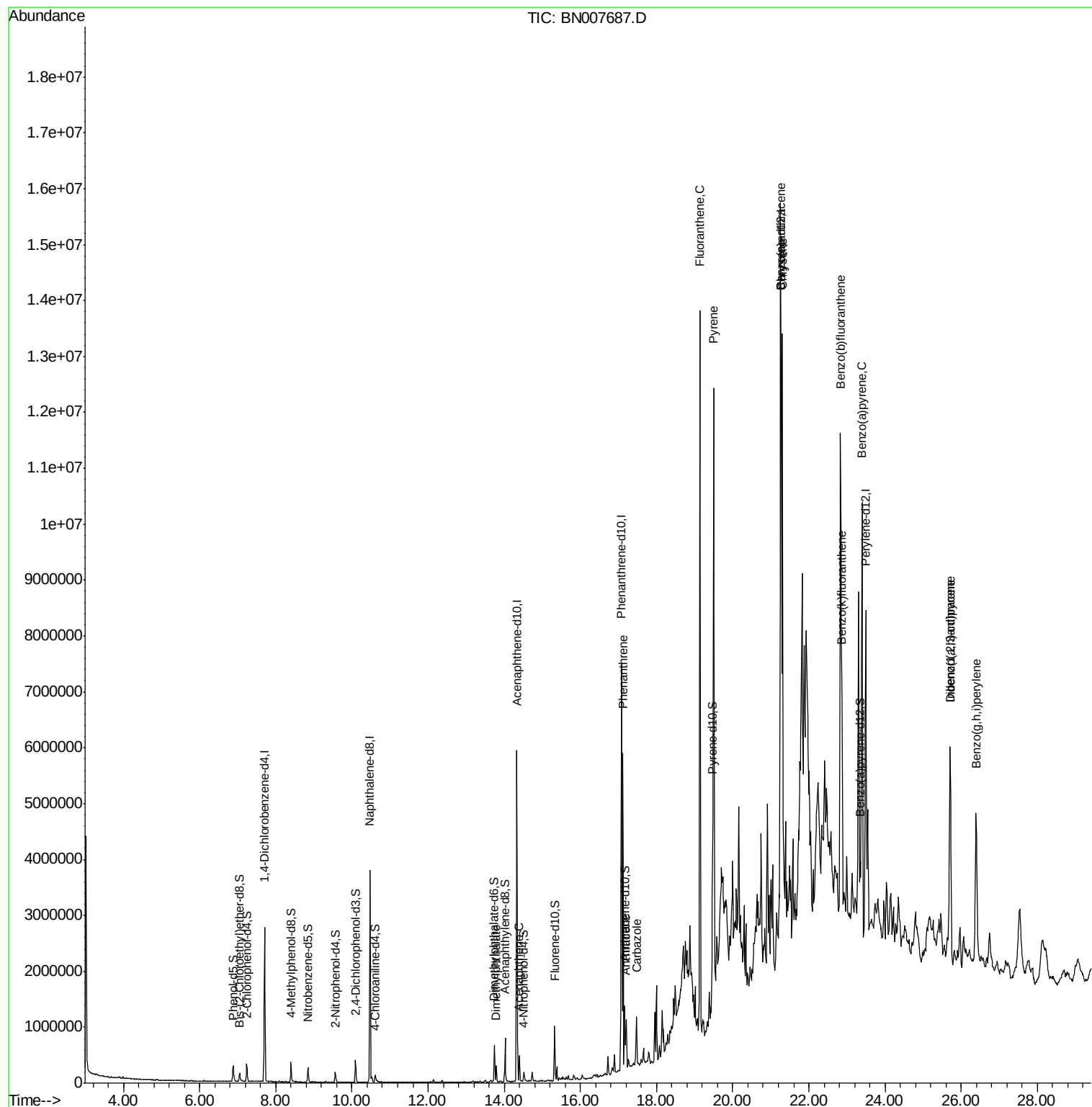
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091619\
Data File : BN007687.D
Acq On : 17 Sep 2019 04:50
Operator : HP/JU
Sample : K4633-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

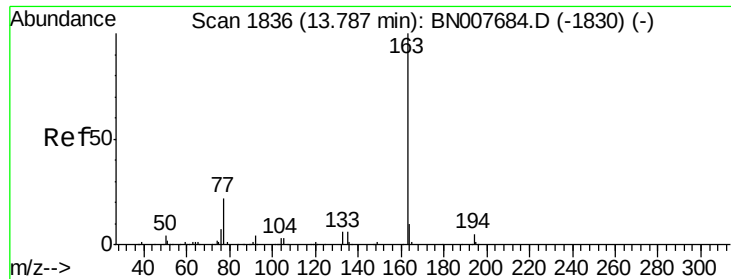
Instrument :
BNA_N
ClientSampleId :
F2D06DL

Manual Integrations
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Quant Time: Sep 17 05:54:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
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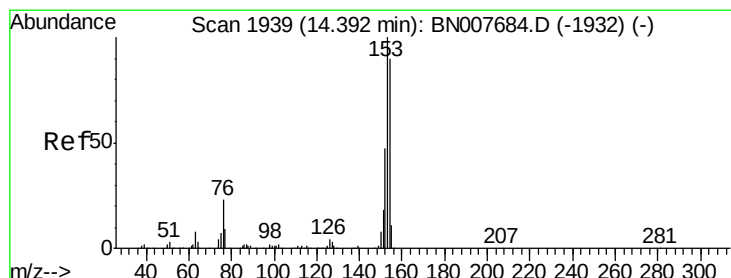
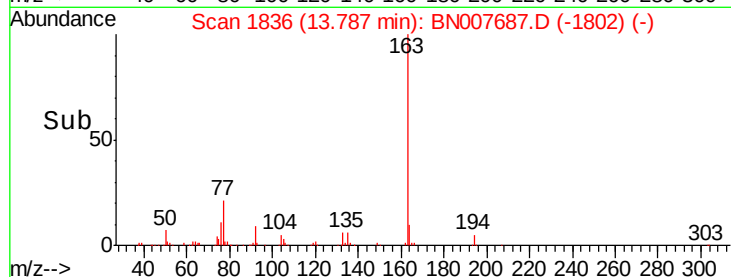
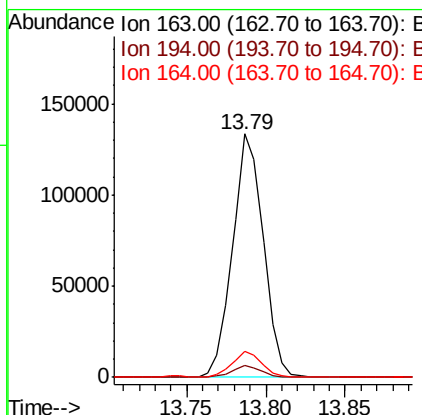
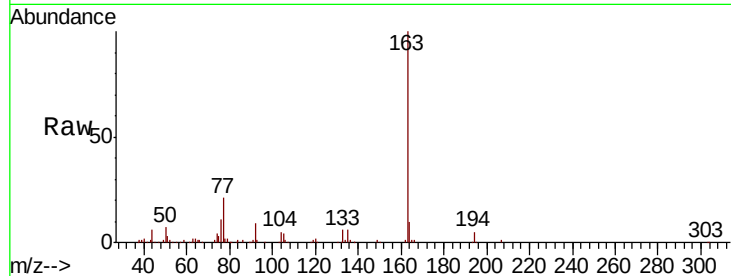
#44
Dimethylphthalate
Concen: 1.148 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BN007687.D
Acq: 17 Sep 2019 04:50

Instrument :
BNA_N
ClientSampleId :
F2D06DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	179356		
194	4.8		3.4	5.2
164	10.5		8.4	12.6

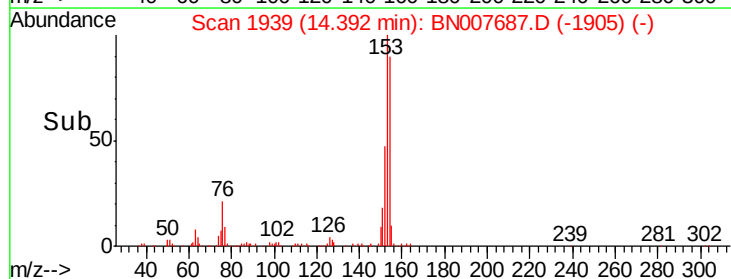
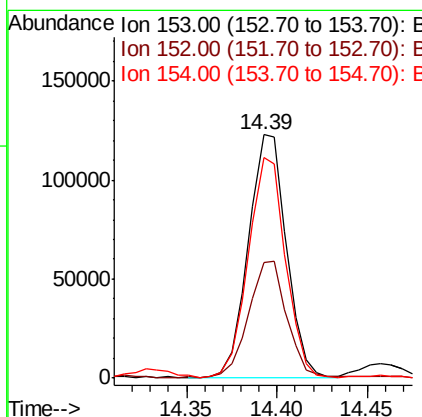
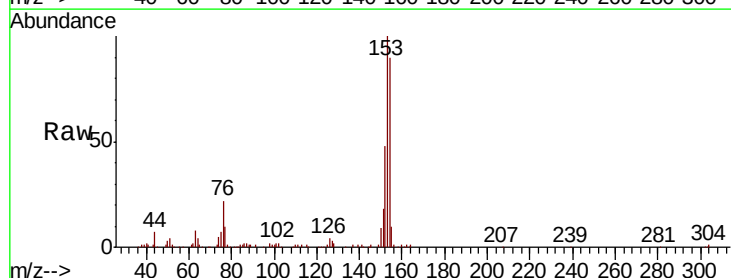
Manual Integrations
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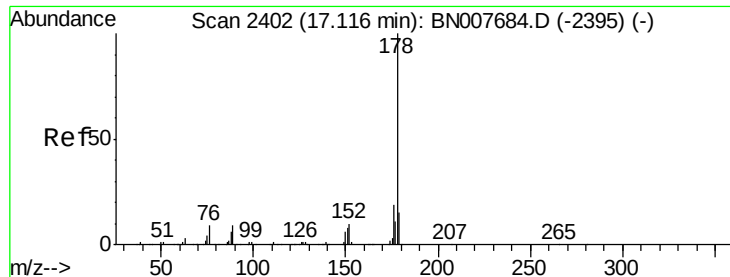
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#49
Acenaphthene
Concen: 1.381 ng/ul
RT: 14.39 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BN007687.D
Acq: 17 Sep 2019 04:50

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	179499		
152	47.7		37.8	56.8
154	90.4		70.3	105.5





#69

Phenanthrene

Concen: 13.502 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. -0.00 min

Lab File: BN007687.D

Acq: 17 Sep 2019 04:50

Instrument :

BNA_N

ClientSampleId :

F2D06DL

Tot Ion:178 Resp: 3202207

Ion Ratio Lower Upper

178 100

179 15.5 11.9 17.9

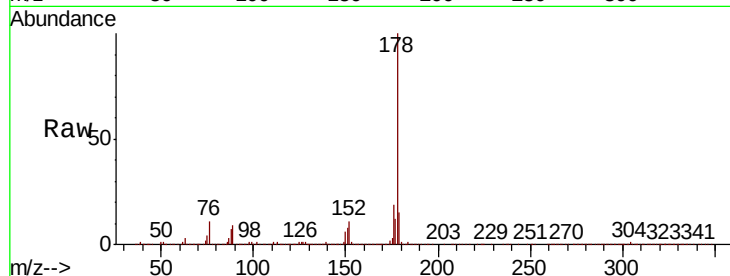
176 19.2 15.2 22.8

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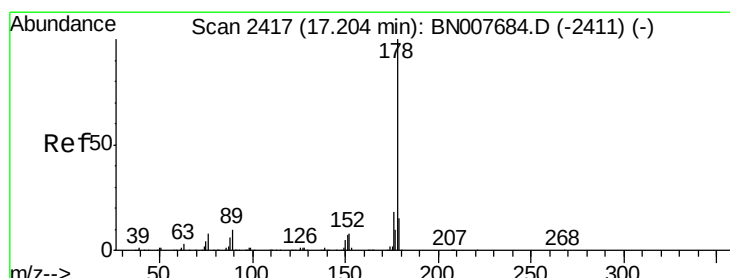
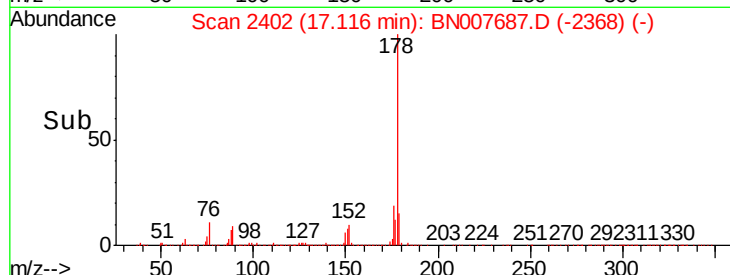
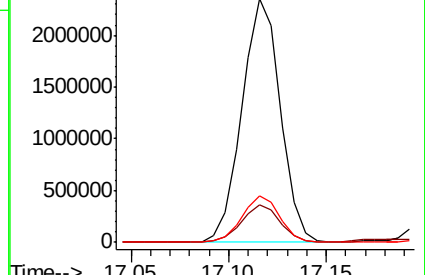
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 2.321 ng/ul

RT: 17.21 min Scan# 2418

Delta R.T. 0.01 min

Lab File: BN007687.D

Acq: 17 Sep 2019 04:50

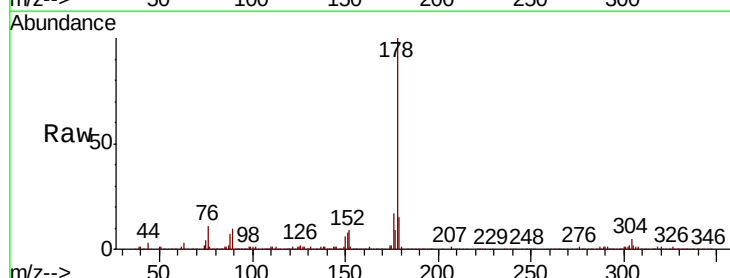
Tgt Ion:178 Resp: 551069

Ion Ratio Lower Upper

178 100

179 15.4 12.7 19.1

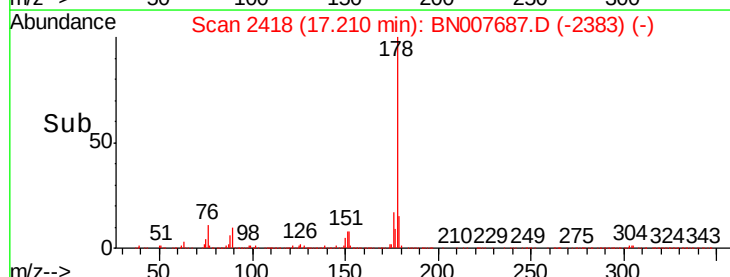
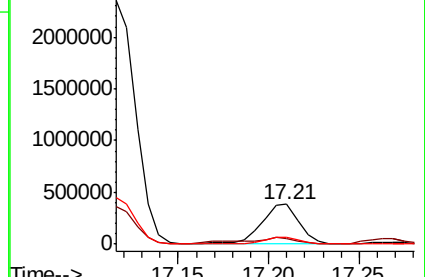
176 17.3 15.1 22.7

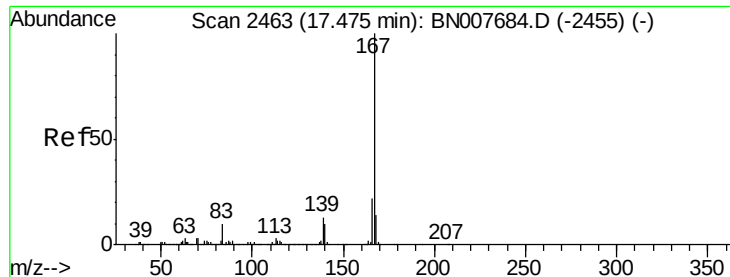


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





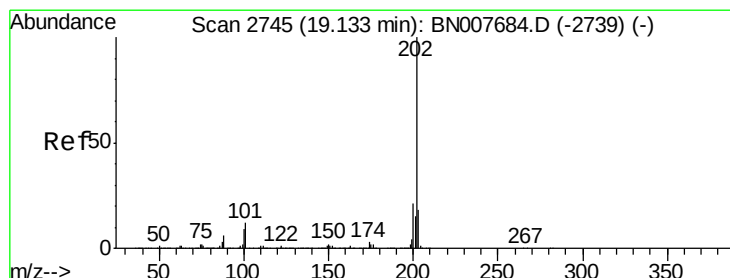
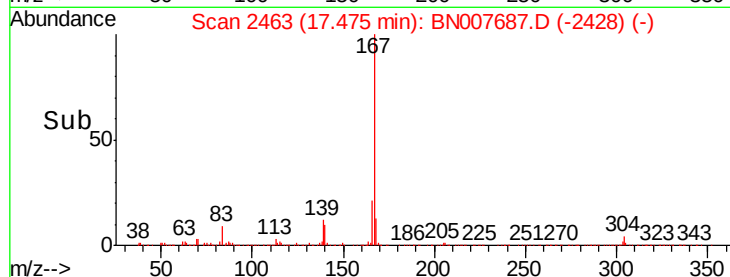
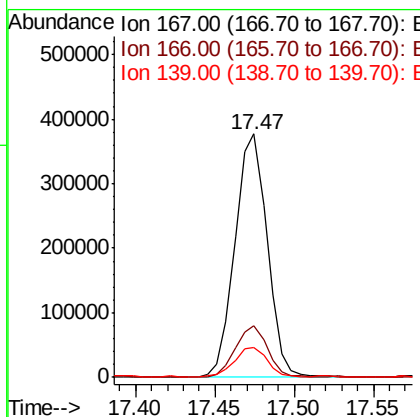
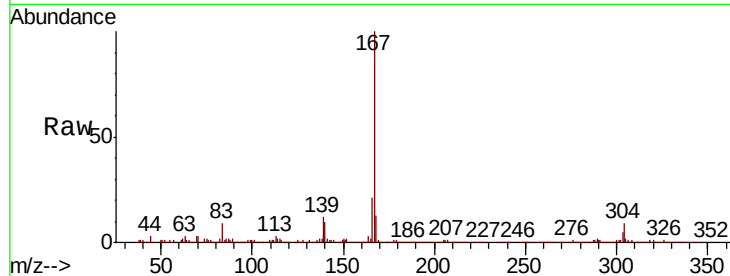
#74
 Carbazole
 Concen: 2.628 ng/ul
 RT: 17.47 min Scan# 2463
 Delta R.T. 0.01 min
 Lab File: BN007687.D
 Acq: 17 Sep 2019 04:50

Instrument :
 BNA_N
 ClientSampleID :
 F2D06DL

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.4
139	12.2	10.1	15.1

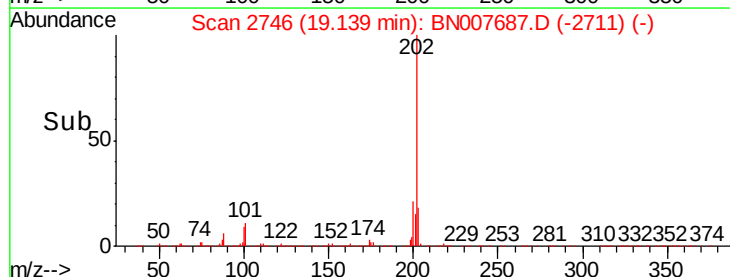
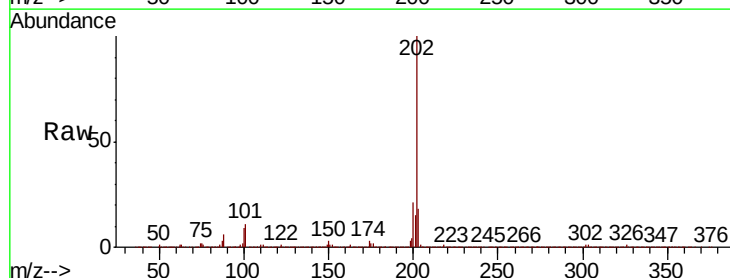
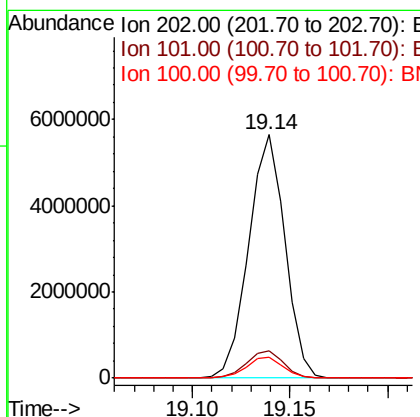
Manual Integrations
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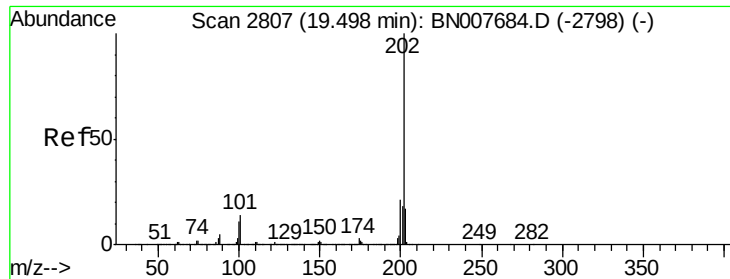
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#76
 Fluoranthene
 Concen: 27.935 ng/ul
 RT: 19.14 min Scan# 2746
 Delta R.T. 0.01 min
 Lab File: BN007687.D
 Acq: 17 Sep 2019 04:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.4	14.2
100	8.8	7.1	10.7





#79

Pvrene

Concen: 28.272 ng/ul

RT: 19.50 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BN007687.D

Acq: 17 Sep 2019 04:50

Instrument :

BNA_N

ClientSampleId :

F2D06DL

Tot Ion:202 Resp: 6878919

Ion Ratio Lower Upper

202 100

101 13.7 11.2 16.8

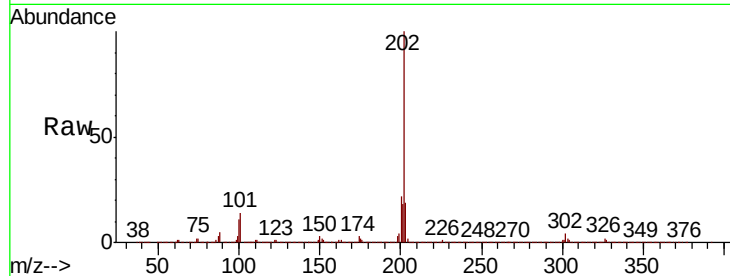
100 11.2 9.4 14.0

Manual Integrations

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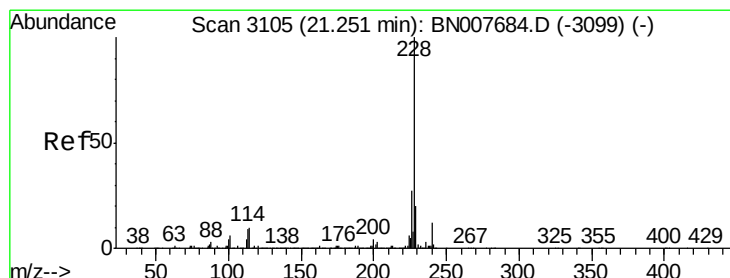
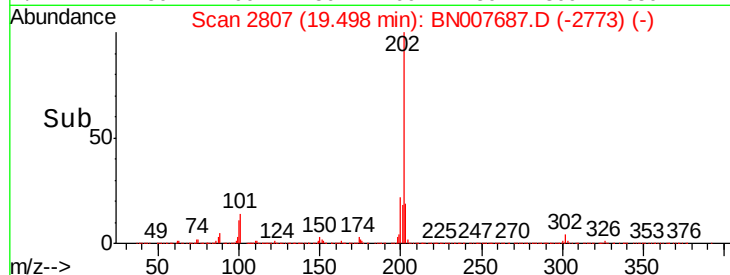
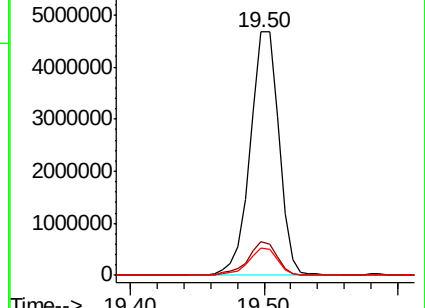
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#82

Benzo(a)anthracene

Concen: 18.001 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BN007687.D

Acq: 17 Sep 2019 04:50

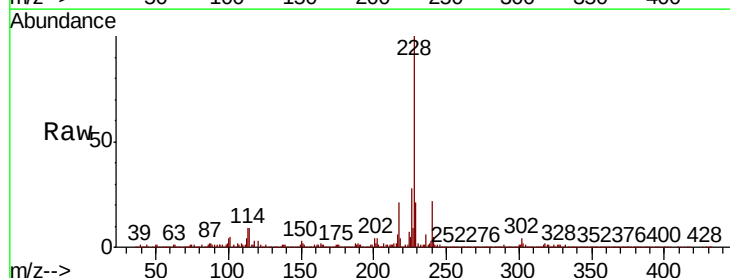
Tgt Ion:228 Resp: 4686835

Ion Ratio Lower Upper

228 100

229 21.2 15.7 23.5

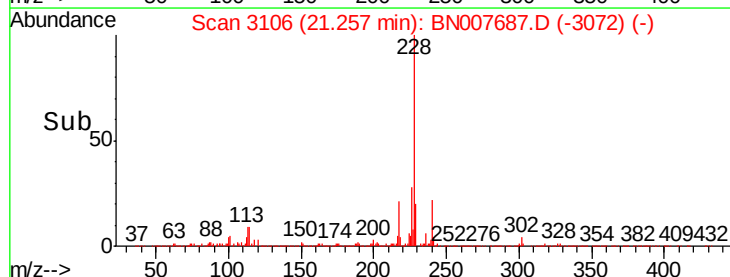
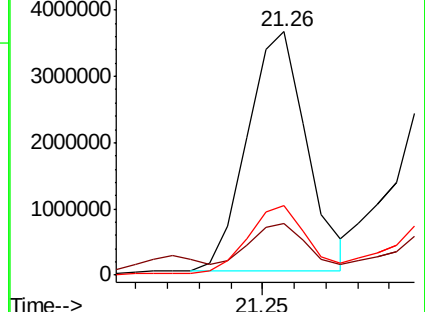
226 28.3 20.9 31.3

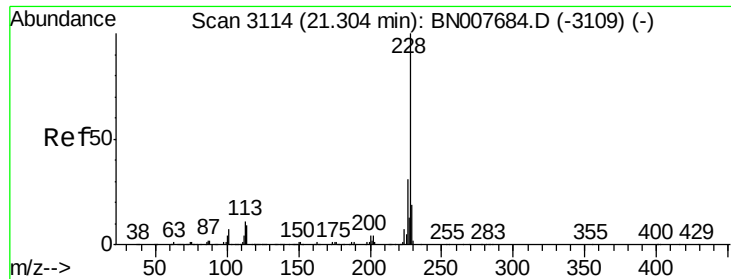


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 22.799 ng/ul

RT: 21.30 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BN007687.D

Acq: 17 Sep 2019 04:50

Instrument :

BNA_N

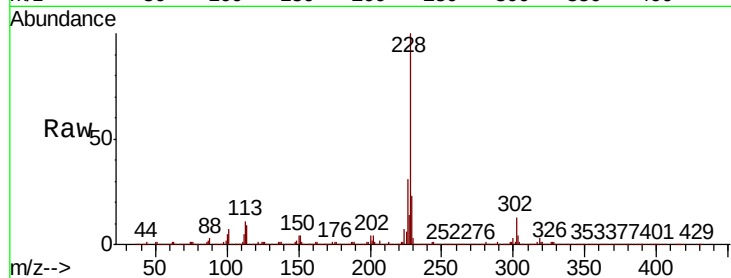
ClientSampleID :

F2D06DL

Tot Ion:	228	Resp:	5522921
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.4
229	22.9	15.5	23.3

Manual Integrations
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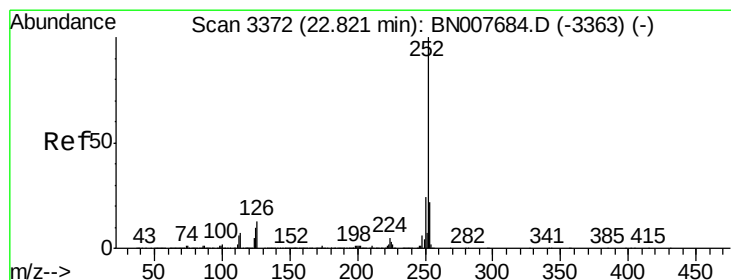
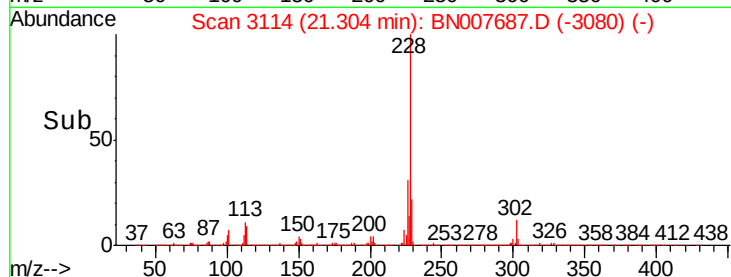
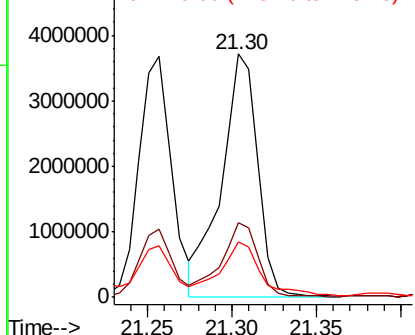


Abundance

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



#87

Benzo(b)fluoranthene

Concen: 27.185 ng/ul

RT: 22.83 min Scan# 3374

Delta R.T. 0.01 min

Lab File: BN007687.D

Acq: 17 Sep 2019 04:50

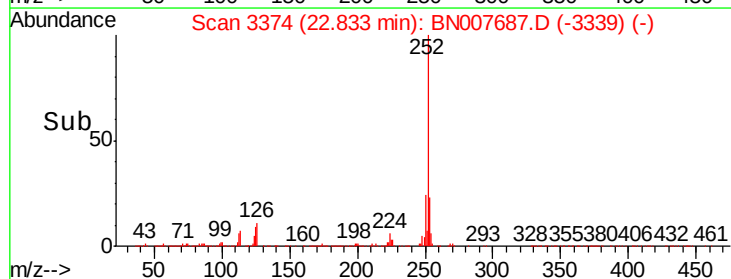
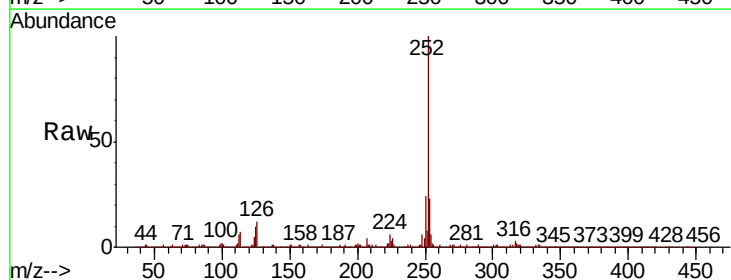
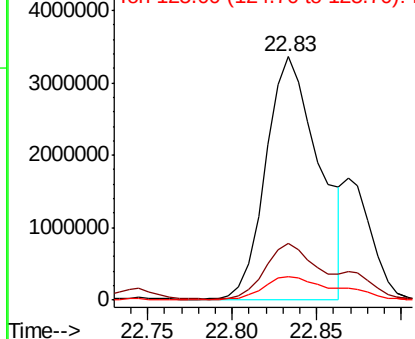
Tgt Ion:	252	Resp:	7310824
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	9.7	8.0	12.0

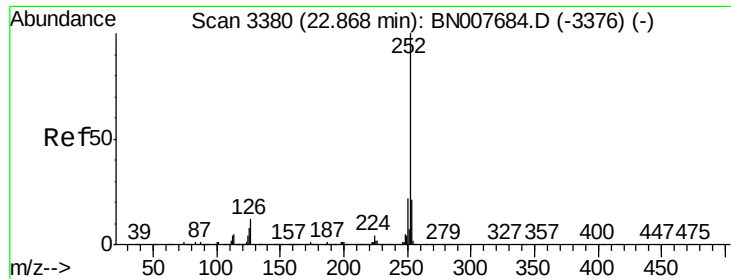
Abundance

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





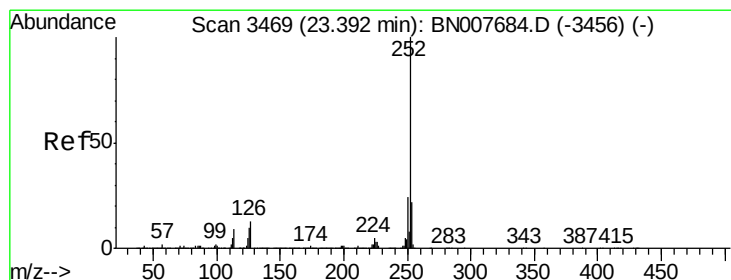
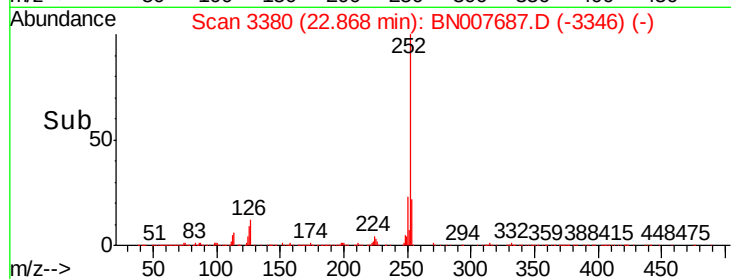
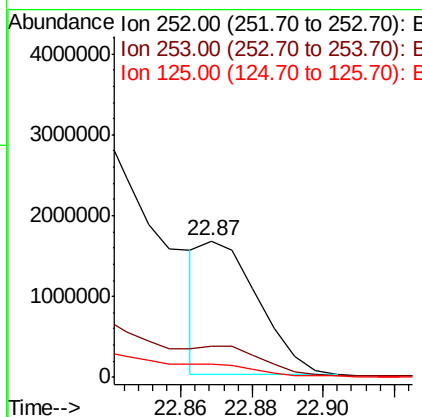
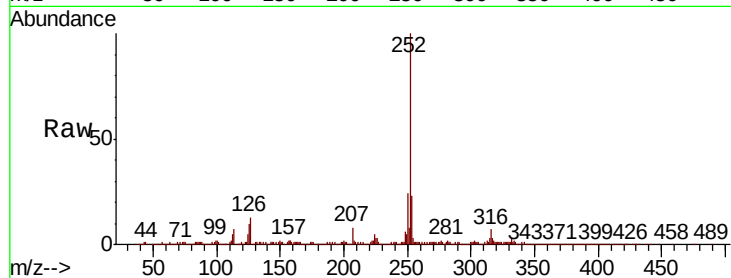
#88
Benzo(k)fluoranthene
Concen: 6.894 ng/ul m
RT: 22.87 min Scan# 3380
Delta R.T. -0.00 min
Lab File: BN007687.D
Acq: 17 Sep 2019 04:50

Instrument :
BNA_N
ClientSampleId :
F2D06DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	9.9	8.2	12.4

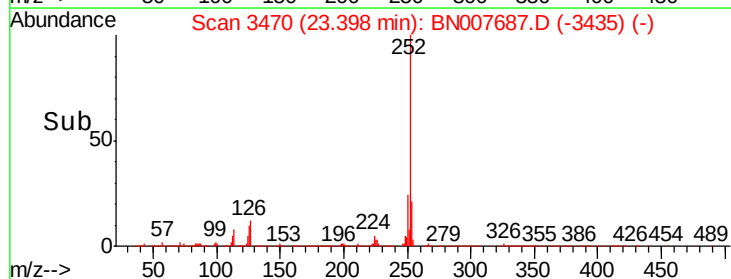
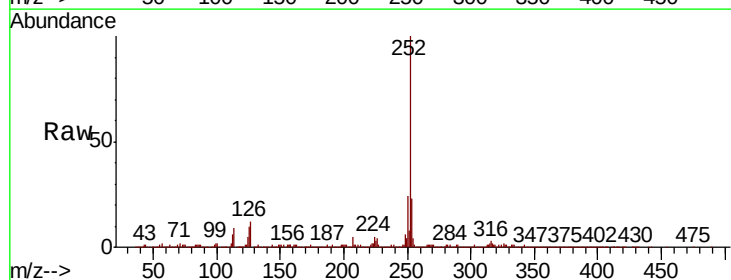
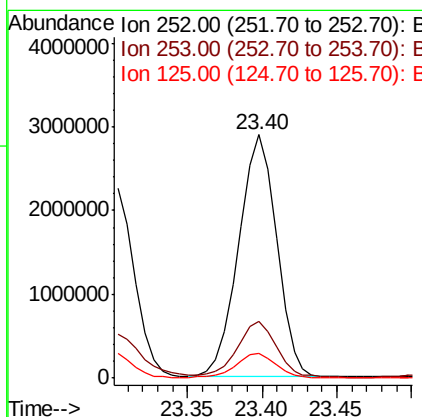
Manual Integrations
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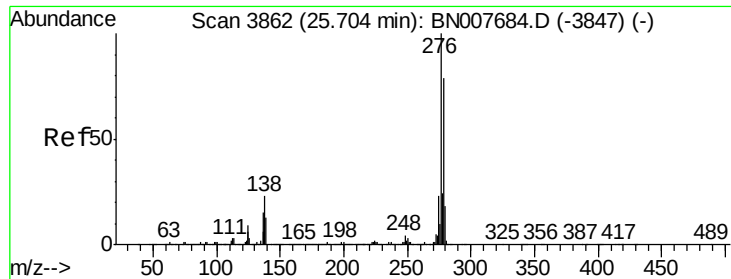
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9/17/2019 4:10:35 PM



#90
Benzo(a)pyrene
Concen: 19.667 ng/ul
RT: 23.40 min Scan# 3470
Delta R.T. 0.01 min
Lab File: BN007687.D
Acq: 17 Sep 2019 04:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	10.1	9.2	13.8





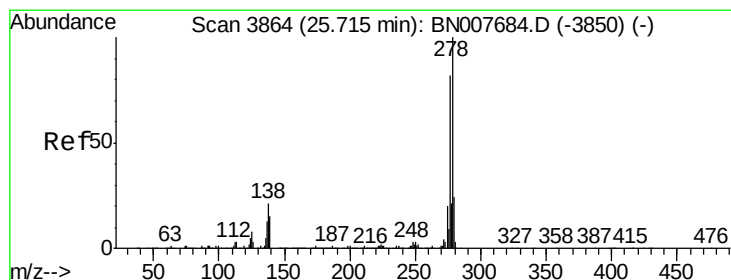
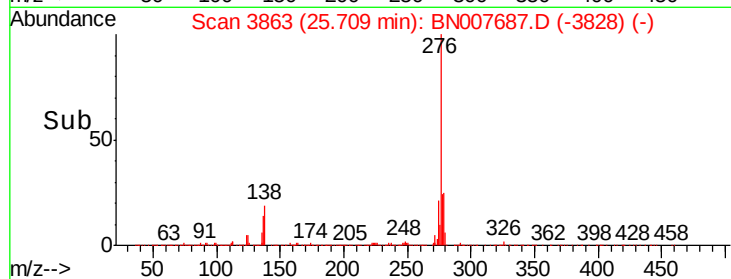
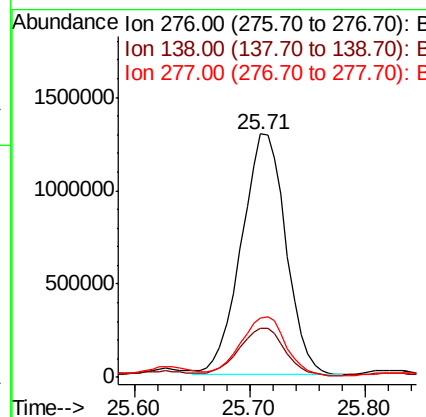
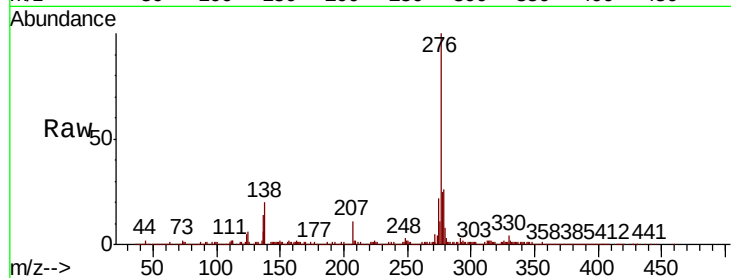
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 11.313 ng/ul
 RT: 25.71 min Scan# 3863
 Delta R.T. 0.01 min
 Lab File: BN007687.D
 Acq: 17 Sep 2019 04:50

Instrument :
 BNA_N
 ClientSampleId :
 F2D06DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.0	19.1	28.7
277	24.6	19.7	29.5

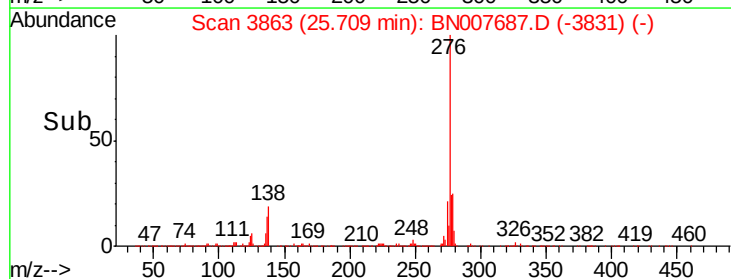
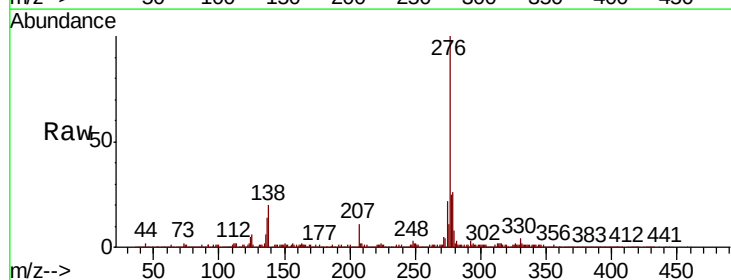
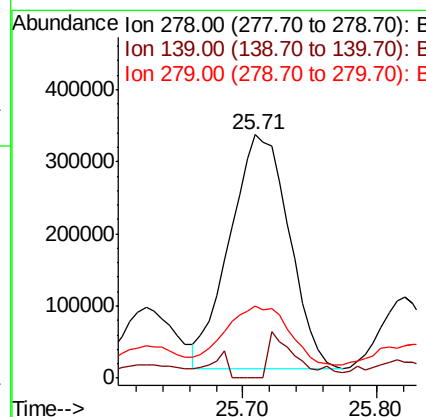
Manual Integrations
 APPROVED

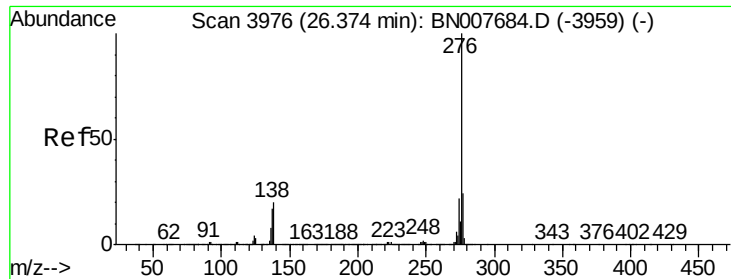
mohammad
 9/17/2019 4:10:35 PM



#92
 Dibenzo(a,h)anthracene
 Concen: 3.929 ng/ul
 RT: 25.71 min Scan# 3863
 Delta R.T. -0.01 min
 Lab File: BN007687.D
 Acq: 17 Sep 2019 04:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.6	19.0#
279	29.5	19.4	29.2#





#93

Benzo(a,h,i)perylene

Concen: 12.526 ng/ul

RT: 26.39 min Scan# 3979

Delta R.T. 0.01 min

Lab File: BN007687.D

Acq: 17 Sep 2019 04:50

Instrument :

BNA_N

ClientSampleId :

F2D06DL

Tot Ion: 276 Resp: 3136731

Ion Ratio Lower Upper

276 100

138 21.0 16.5 24.7

277 24.7 18.7 28.1

Manual Integrations

APPROVED

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