

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090119\
 Data File : BN007527.D
 Acq On : 01 Sep 2019 16:14
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Manual Integrations
 APPROVED

mohammad
 9/4/2019 8:57:28 AM

Quant Time: Sep 02 08:19:14 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 29 12:18:45 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	6147	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	27959	0.40	ng	-0.01
13) Acenaphthene-d10	14.04	164	17239	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	41326	0.40	ng	0.00
27) Chrysene-d12	21.00	240	40158	0.40	ng	-0.01
34) Perylene-d12	23.11	264	39820	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	6803	0.31	ng	-0.02
5) Phenol-d6	6.58	99	8659	0.31	ng	0.00
8) Nitrobenzene-d5	8.53	82	8158	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	18661	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	15.54	330	2681	0.30	ng	-0.02
15) 2-Fluorobiphenyl	12.65	172	26752	0.38	ng	0.00
25) Fluoranthene-d10	18.84	212	50614	0.38	ng	-0.01
29) Terphenyl-d14	19.46	244	40895	0.39	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.00	88	4075	0.399	ng	# 77
3) n-Nitrosodimethylamine	3.33	42	1493m	0.315	ng	
6) bis(2-Chloroethyl)ether	6.83	93	9257	0.417	ng	94
9) Naphthalene	10.19	128	31446	0.394	ng	# 90
10) Hexachlorobutadiene	10.49	225	5843	0.357	ng	# 99
12) 2-Methylnaphthalene	11.82	142	22026	0.405	ng	96
16) Acenaphthylene	13.75	152	34157	0.335	ng	99
17) Acenaphthene	14.10	154	23005	0.385	ng	98
18) Fluorene	15.09	166	30013	0.398	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	2534	0.155	ng	# 85
21) Hexachlorobenzene	16.10	284	11085	0.400	ng	96
22) Pentachlorophenol	16.46	266	1962	0.228	ng	# 66
23) Phenanthrene	16.83	178	50907	0.410	ng	99
24) Anthracene	16.92	178	44500	0.356	ng	99
26) Fluoranthene	18.86	202	61963	0.388	ng	99
28) Pyrene	19.23	202	63842	0.395	ng	99
30) Benzo(a)anthracene	20.99	228	56837	0.360	ng	99
31) Chrysene	21.05	228	61711	0.405	ng	98
32) Bis(2-ethylhexyl)phthalate	20.96	149	29137	0.267	ng	99
33) Indeno(1,2,3-cd)pyrene	25.17	276	60983	0.333	ng	96
35) Benzo(b)fluoranthene	22.49	252	57690m	0.400	ng	
36) Benzo(k)fluoranthene	22.53	252	62215	0.436	ng	97
37) Benzo(a)pyrene	23.02	252	51455	0.375	ng	# 95
38) Dibenzo(a,h)anthracene	25.18	278	48949	0.357	ng	98
39) Benzo(g,h,i)perylene	25.79	276	48993	0.359	ng	99

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

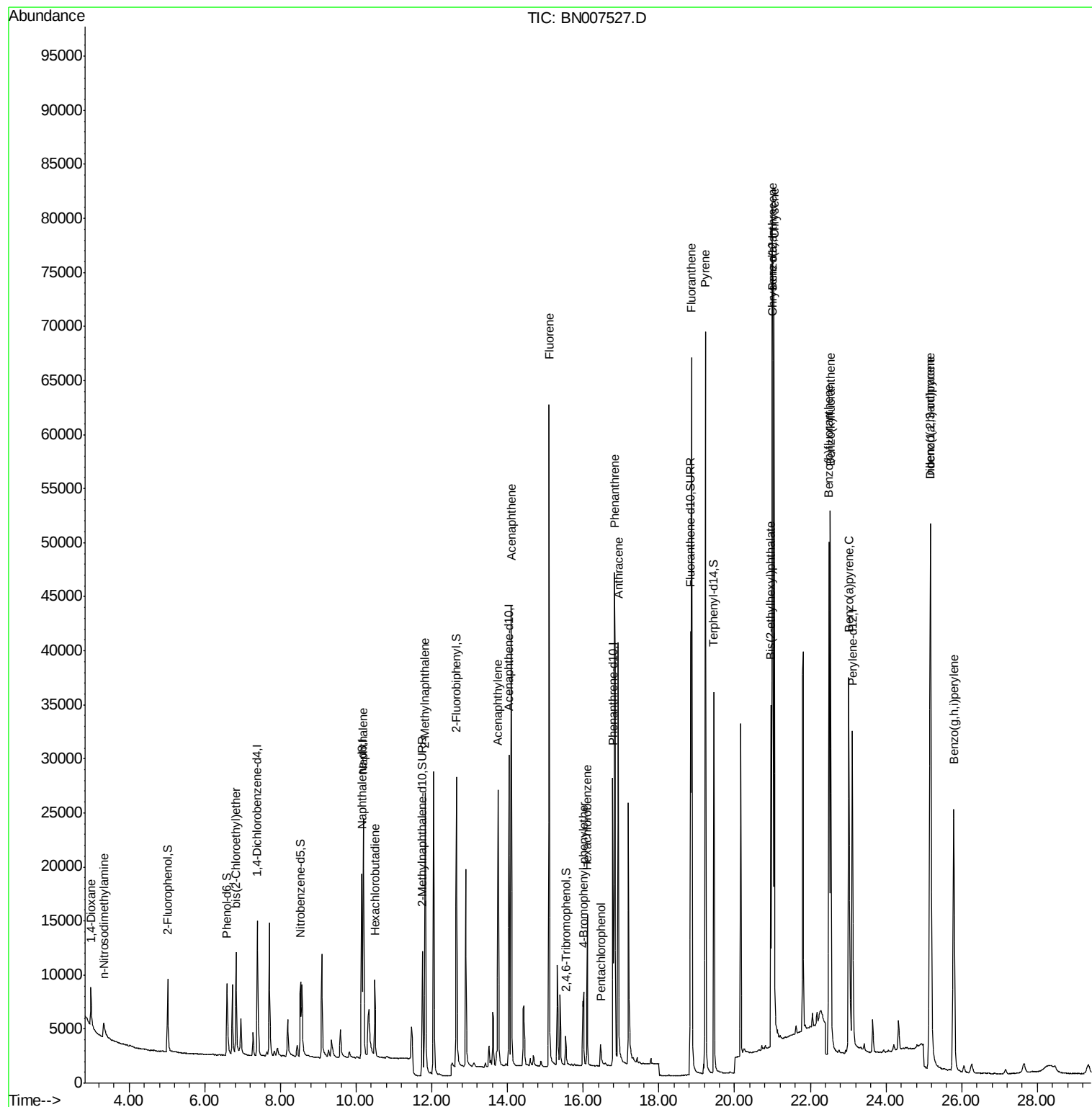
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090119\
Data File : BN007527.D
Acq On : 01 Sep 2019 16:14
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations
APPROVED

mohammad
9/4/2019 8:57:28 AM

Quant Time: Sep 02 08:19:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration





#1

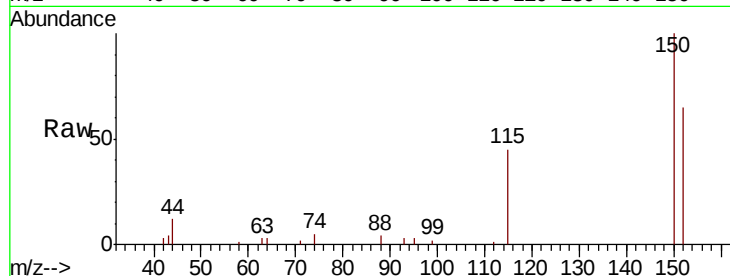
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

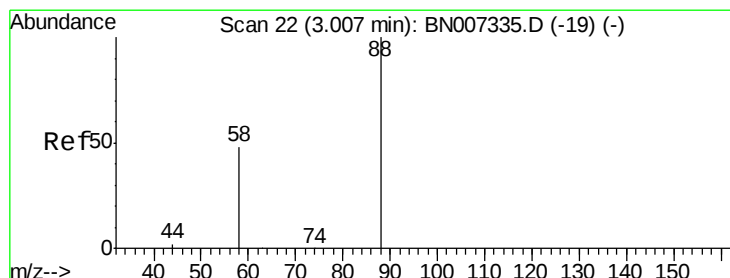
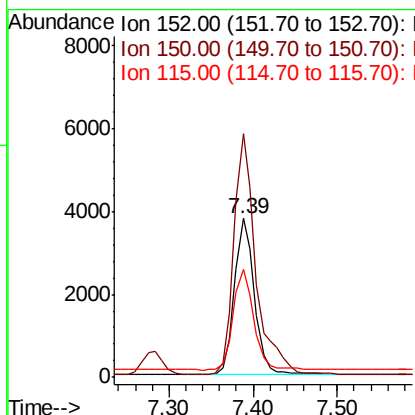
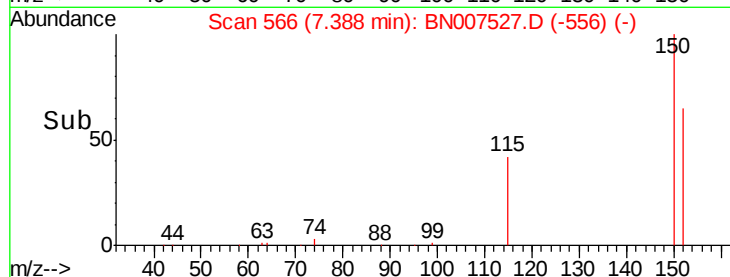
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	109.1	163.7
115	68.4	59.6	89.4

Manual Integrations
APPROVED

mohammad
9/4/2019 8:57:28 AM



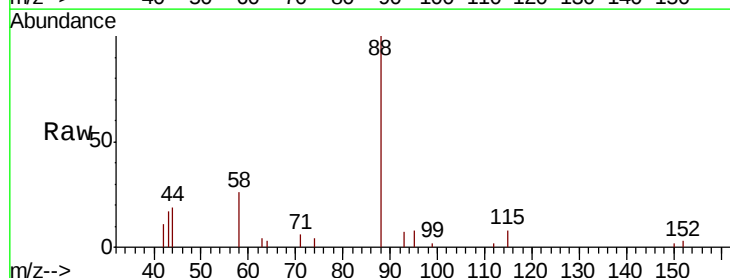
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



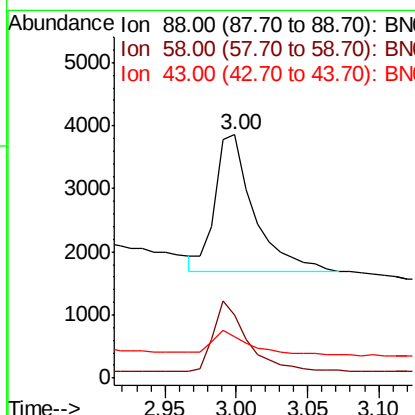
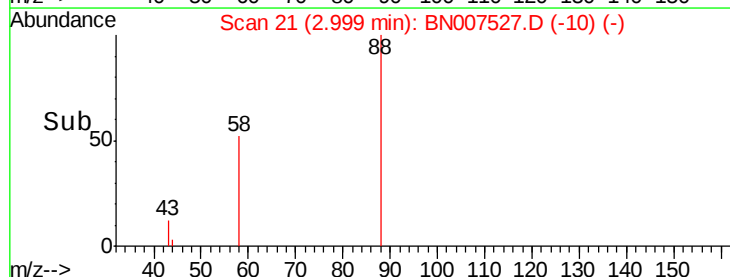
#2

1,4-Dioxane
Concen: 0.399 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	45.2	50.5	75.7#
43	16.3	0.0	0.0#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

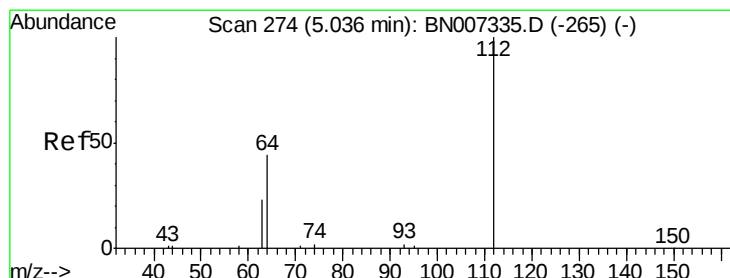
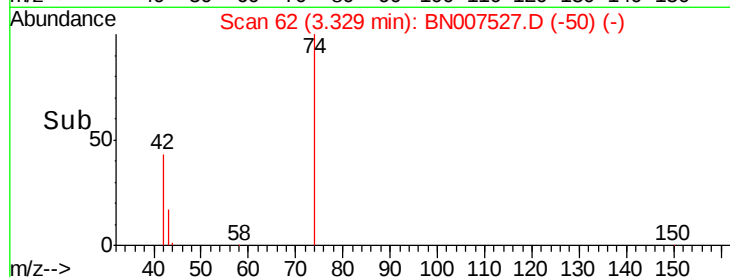
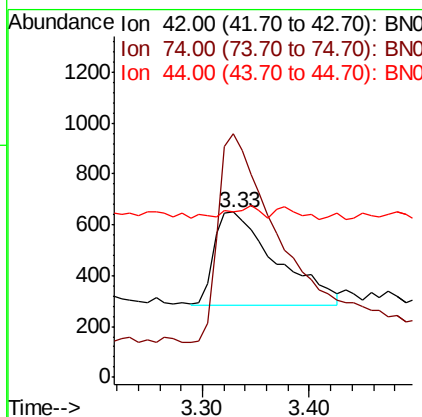
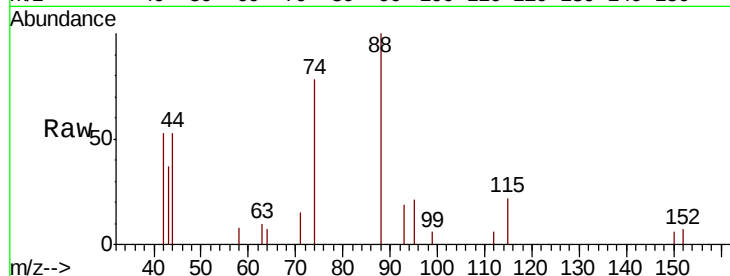
n-Nitrosodimethylamine
 Concen: 0.315 ng/ml
 RT: 3.33 min Scan# 62
 Delta R.T. -0.00 min
 Lab File: BN007527.D
 Acq: 01 Sep 2019 16:14

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
42	100		
74	184.9	144.7	217.1
44	5.8	3.2	4.8

Manual Integrations
 APPROVED

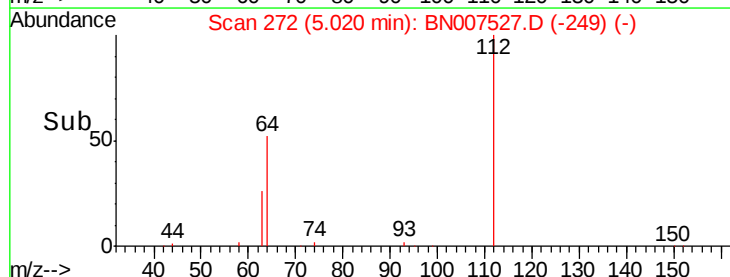
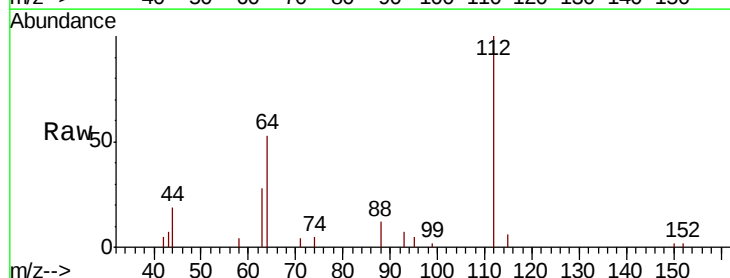
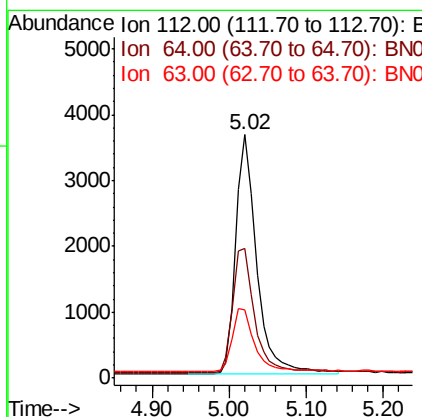
mohammad
 9/4/2019 8:57:28 AM

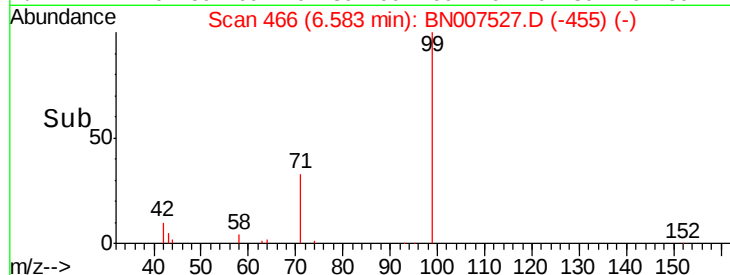
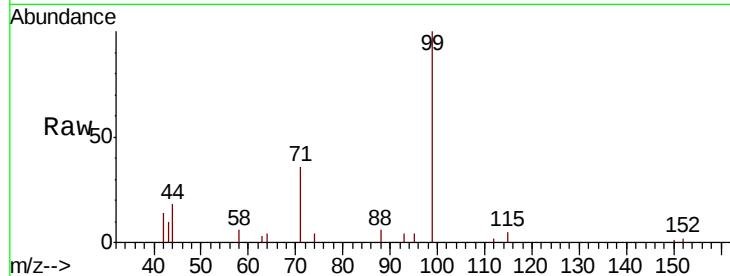
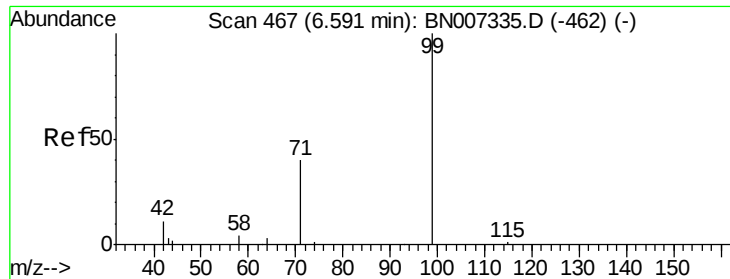


#4

2-Fluorophenol
 Concen: 0.313 ng/ml
 RT: 5.02 min Scan# 272
 Delta R.T. -0.02 min
 Lab File: BN007527.D
 Acq: 01 Sep 2019 16:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	42.3	63.5
63	28.1	23.6	35.4





#5

Phenol-d6

Concen: 0.313 ng

RT: 6.58 min Scan# 466

Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Tot Ion:	99	Resp:	8659
Ion	Ratio	Lower	Upper
99	100		
42	12.5	11.2	16.8
71	32.3	31.8	47.8

Instrument :

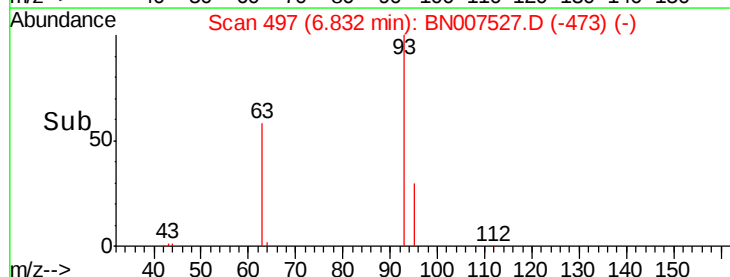
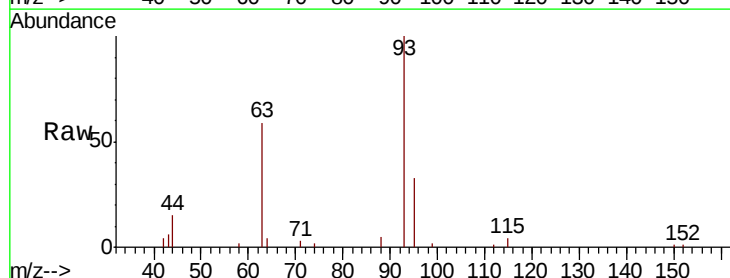
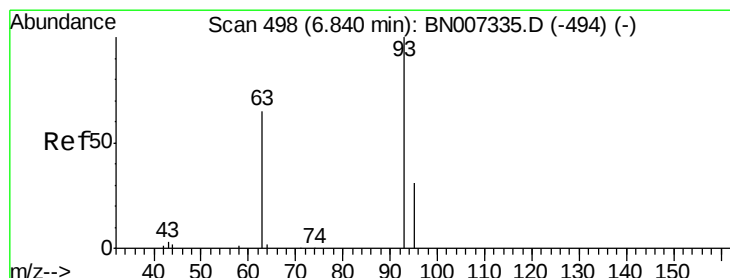
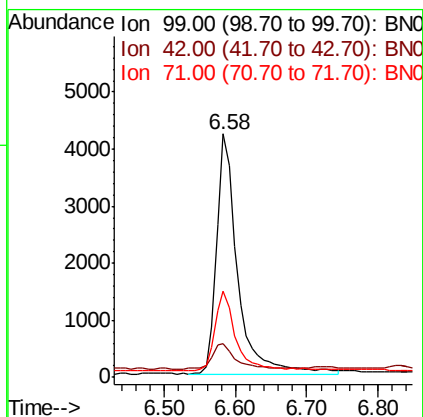
BNA_N

ClientSampleId :

SSTDCCC0.4

Manual Integrations
APPROVED

mohammad
9/4/2019 8:57:28 AM



#6

bis(2-Chloroethyl)ether

Concen: 0.417 ng

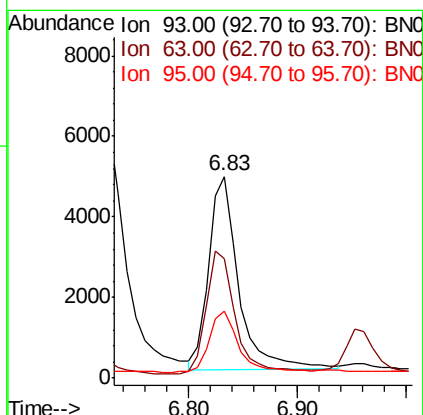
RT: 6.83 min Scan# 497

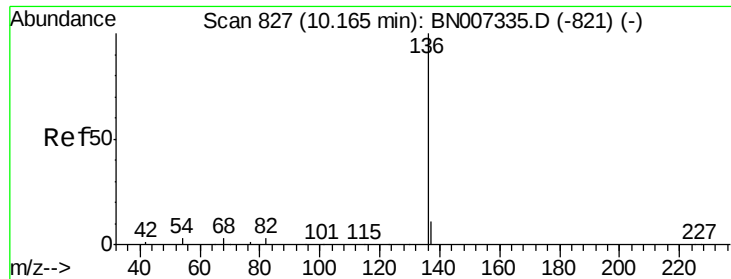
Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Tgt Ion:	93	Resp:	9257
Ion	Ratio	Lower	Upper
93	100		
63	61.0	51.9	77.9
95	30.6	27.7	41.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Instrument :

BNA_N

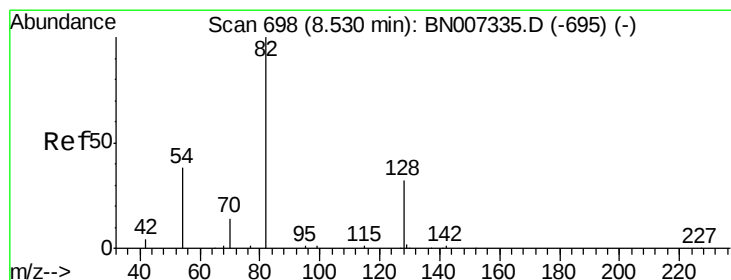
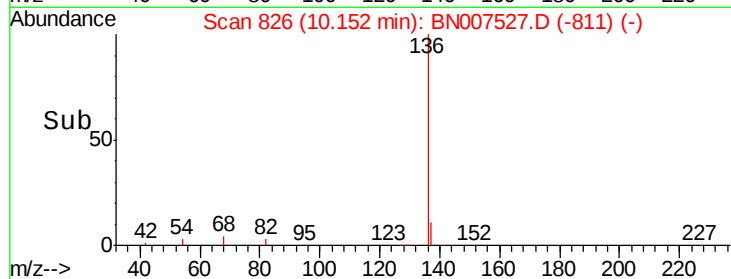
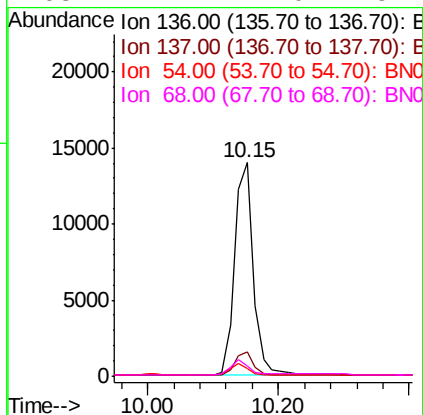
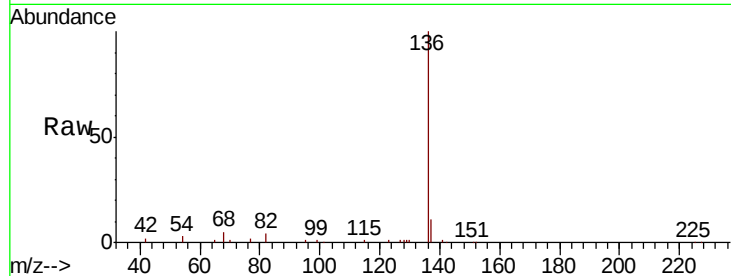
ClientSampleId :

SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	12.9	19.3#
54	3.4	8.6	12.8#
68	4.7	17.0	25.4#

Manual Integrations
APPROVED

mohammad
9/4/2019 8:57:28 AM



#8

Nitrobenzene-d5

Concen: 0.335 ng

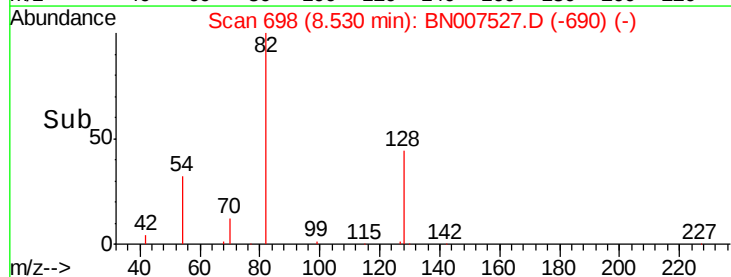
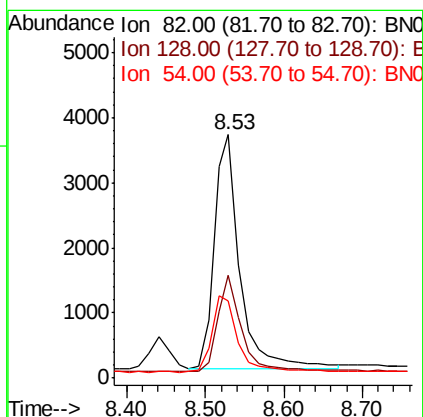
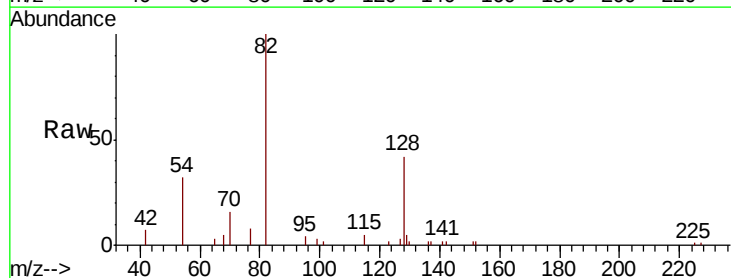
RT: 8.53 min Scan# 698

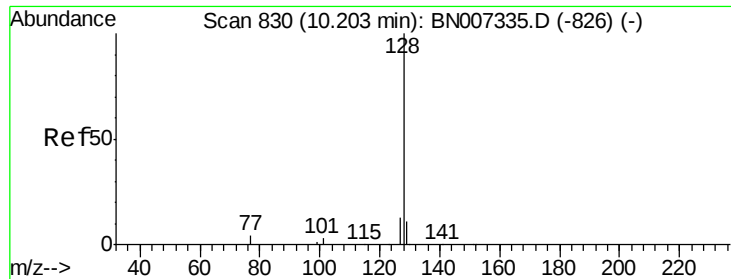
Delta R.T. 0.00 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	19.7	29.5#
54	31.8	25.8	38.6





#9

Naphthalene

Concen: 0.394 ng

RT: 10.19 min Scan# 829

Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Instrument :

BNA_N

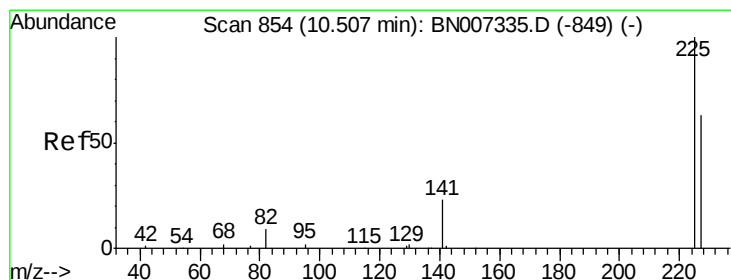
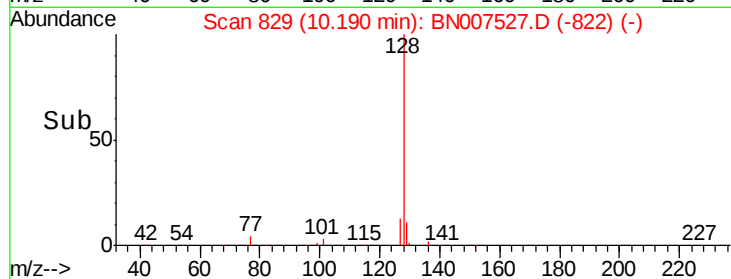
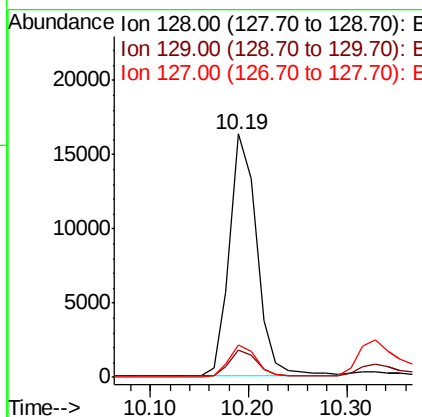
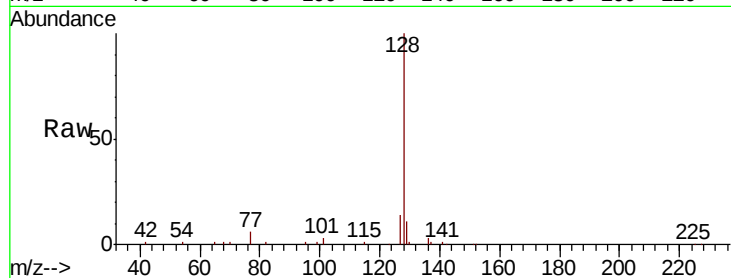
ClientSampleId :

SSTDCCC0.4

Tot Ion:	128	Resp:	31446
Ion Ratio	Lower	Upper	
128	100		
129	11.2	11.1	16.7
127	13.6	15.5	23.3#

Manual Integrations
APPROVED

mohammad
9/4/2019 8:57:28 AM



#10

Hexachlorobutadiene

Concen: 0.357 ng

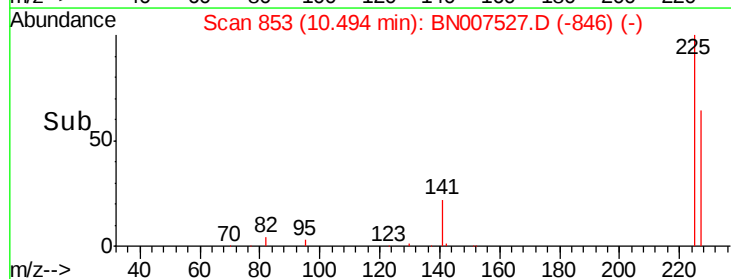
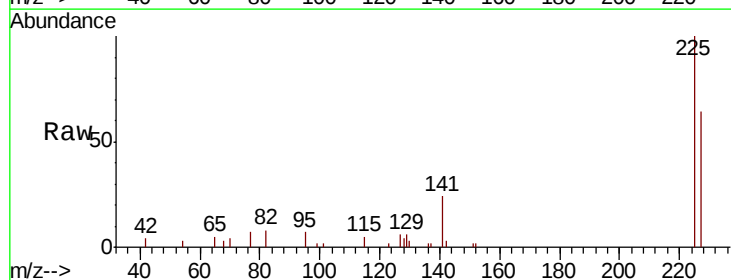
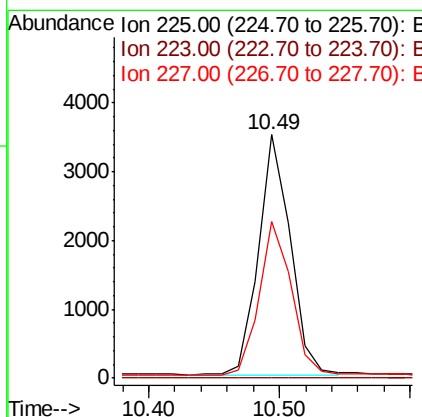
RT: 10.49 min Scan# 853

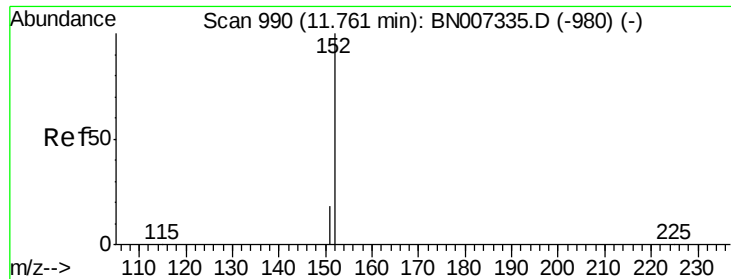
Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Tgt Ion:	225	Resp:	5843
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	64.5	50.7	76.1





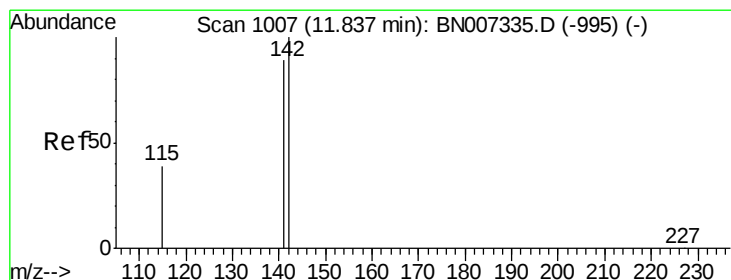
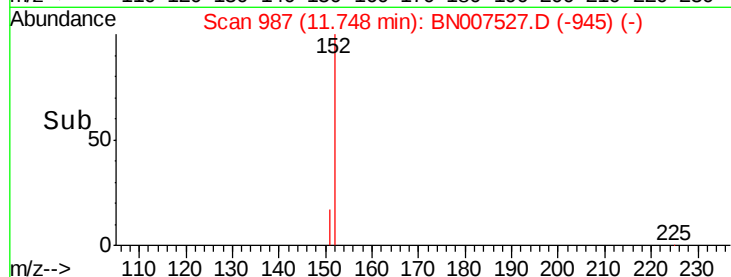
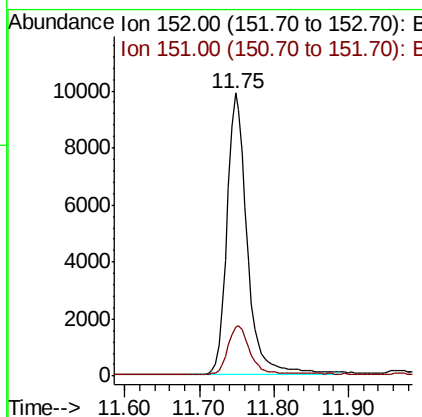
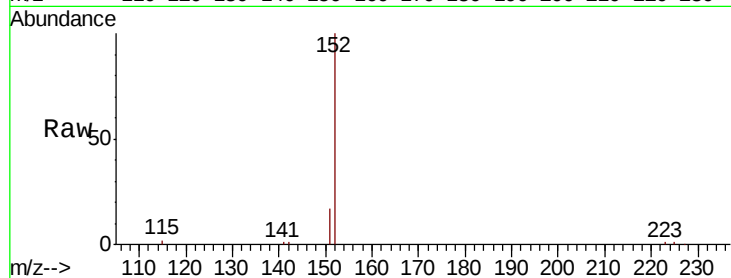
#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 11.75 min Scan# 987
Delta R.T. -0.01 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.2

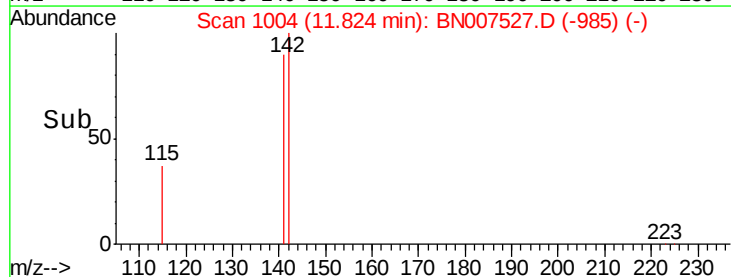
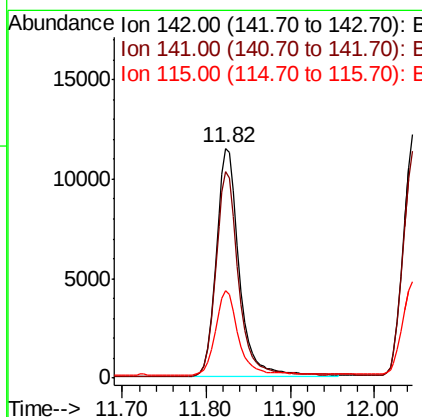
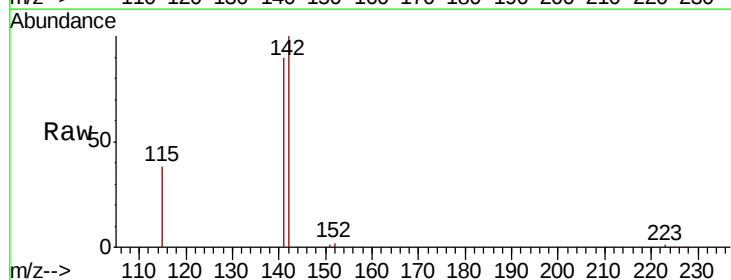
Manual Integrations
APPROVED

mohammad
9/4/2019 8:57:28 AM



#12
2-Methylnaphthalene
Concen: 0.405 ng
RT: 11.82 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.8	109.2
115	38.1	35.2	52.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Instrument :

BNA_N

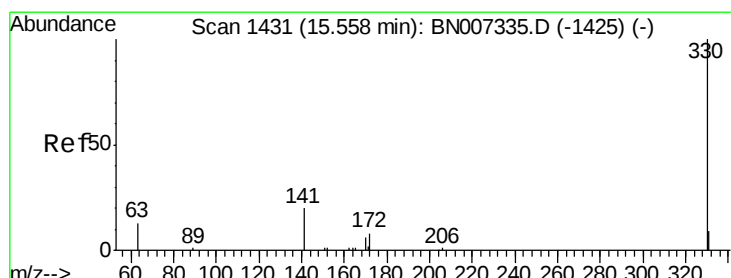
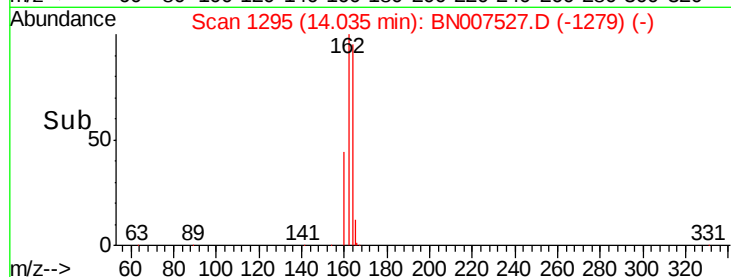
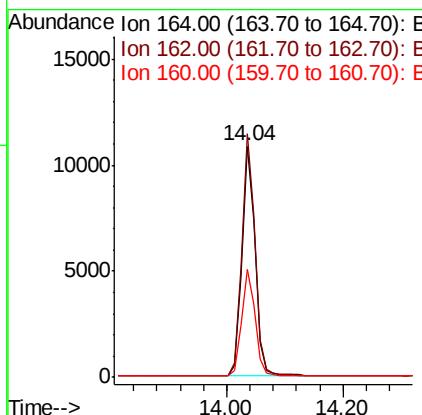
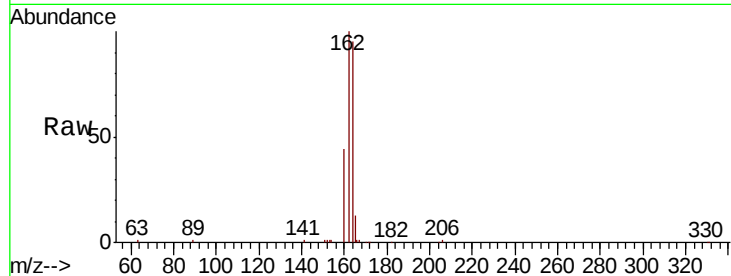
ClientSampleId :

SSTDCCC0.4

Tot Ion:	164	Resp:	17239
Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.5	125.3
160	46.9	38.2	57.4

Manual Integrations
APPROVED

mohammad
9/4/2019 8:57:28 AM



#14

2,4,6-Tribromophenol

Concen: 0.297 ng

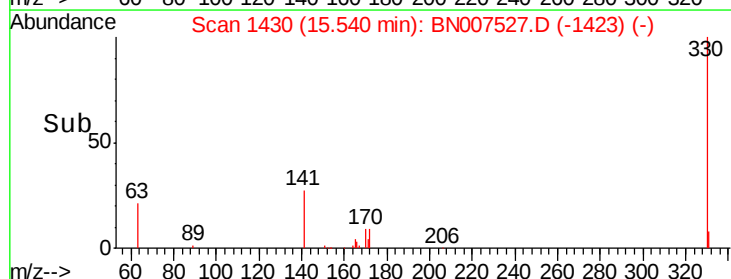
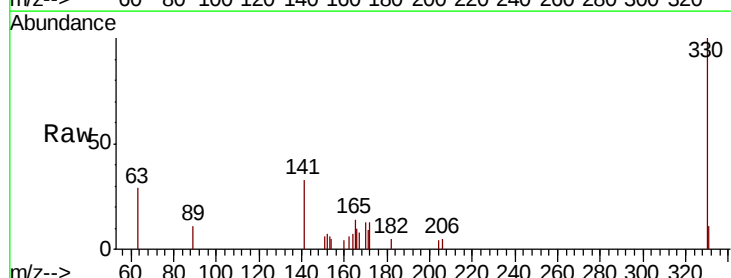
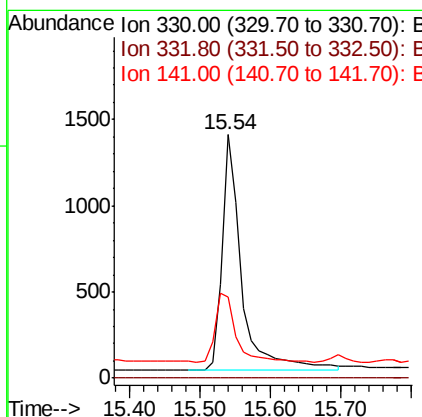
RT: 15.54 min Scan# 1430

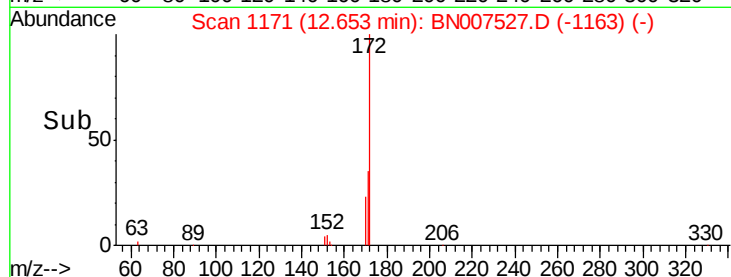
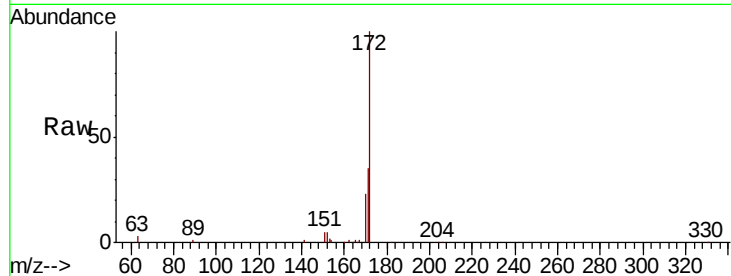
Delta R.T. -0.02 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Tgt Ion:	330	Resp:	2681
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.0	26.9	40.3





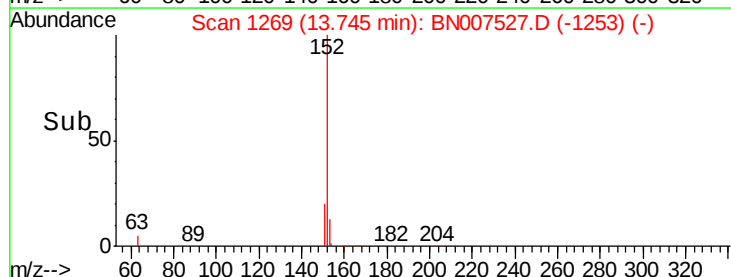
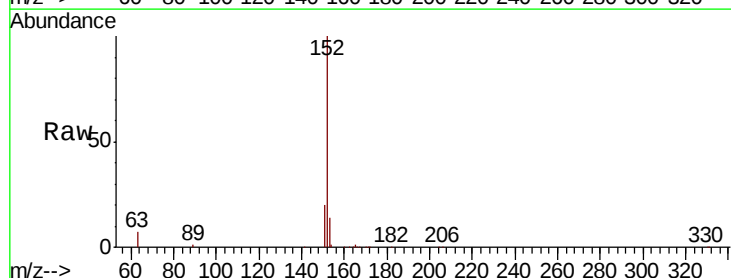
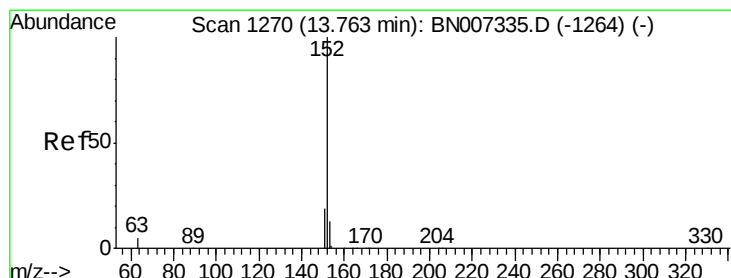
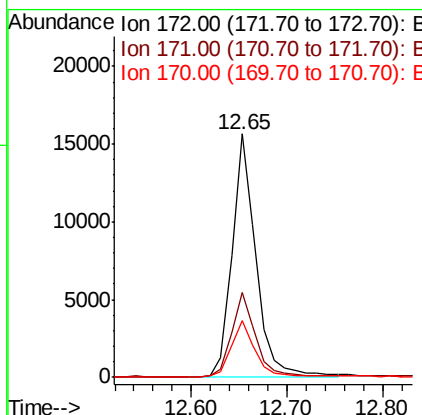
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.3	45.5
170	23.4	20.7	31.1

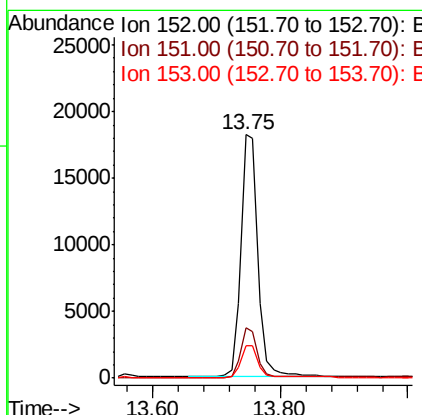
Manual Integrations
APPROVED

mohammad
9/4/2019 8:57:28 AM



#16
Acenaphthylene
Concen: 0.335 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.1	24.1
153	13.2	10.6	15.8





#17

Acenaphthene

Concen: 0.385 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Instrument :

BNA_N

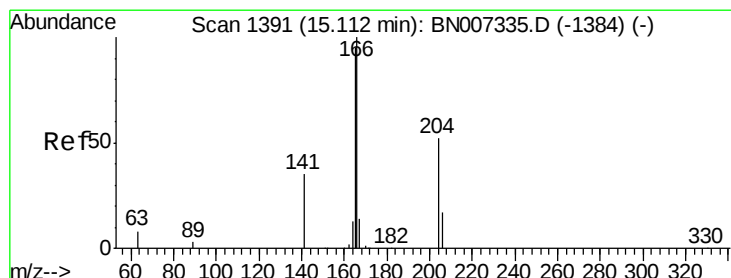
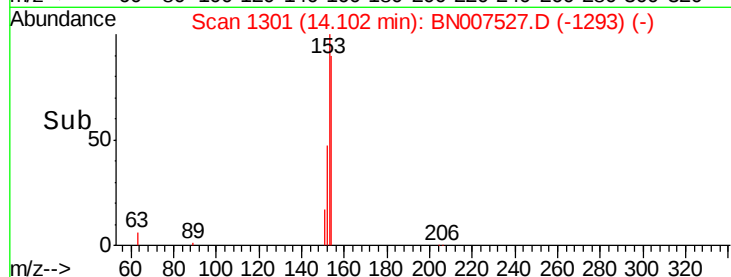
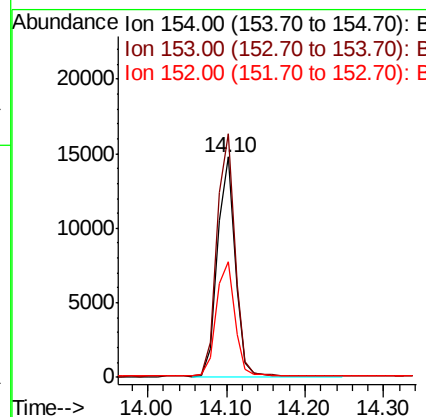
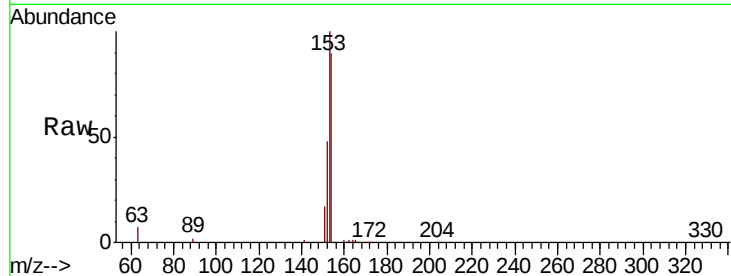
ClientSampleId :

SSTDCCC0.4

Tot Ion:	154	Resp:	23005
Ion Ratio	Lower	Upper	
154	100		
153	112.5	92.8	139.2
152	54.5	43.8	65.8

Manual Integrations
APPROVED

mohammad
9/4/2019 8:57:28 AM



#18

Fluorene

Concen: 0.398 ng

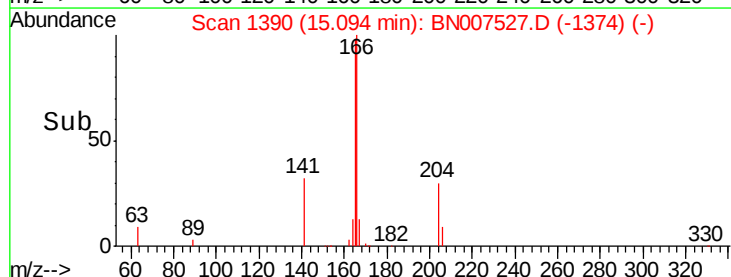
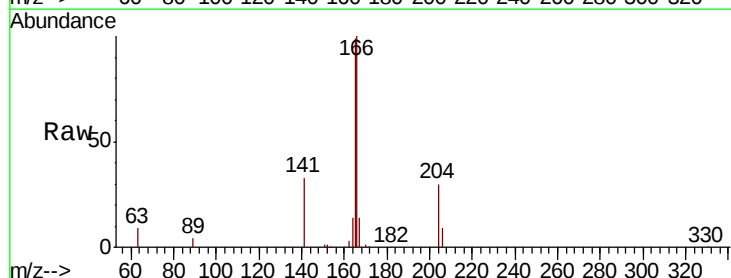
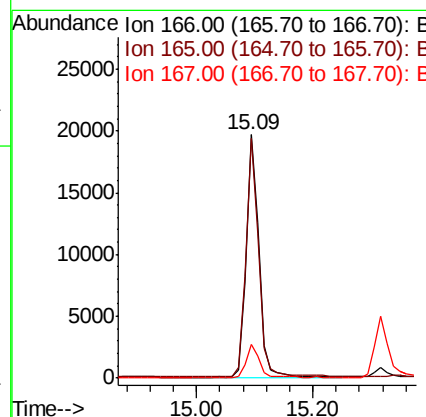
RT: 15.09 min Scan# 1390

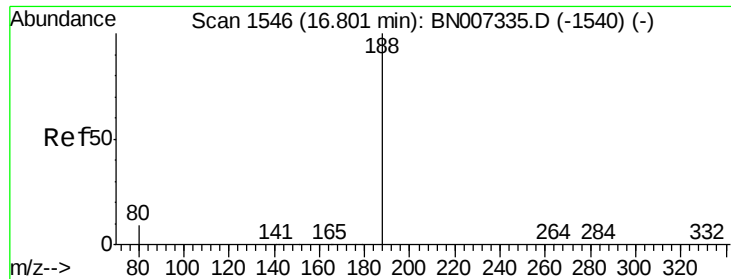
Delta R.T. -0.02 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Tgt Ion:	166	Resp:	30013
Ion Ratio	Lower	Upper	
166	100		
165	97.6	79.0	118.4
167	13.6	10.6	15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Instrument :

BNA_N

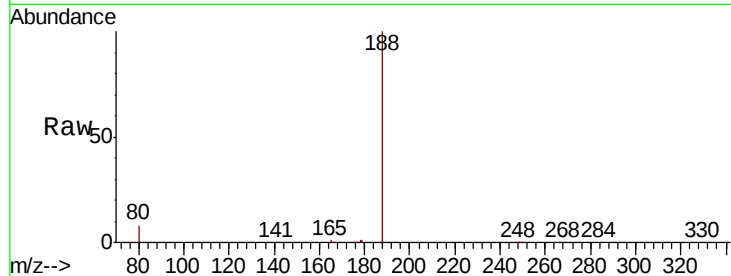
ClientSampleId :

SSTDCCC0.4

Tot Ion:188	Resp:	41326
Ion Ratio	Lower	Upper
188 100		
94 0.0	0.0	0.0
80 7.7	11.8	17.8#

Manual Integrations
APPROVED

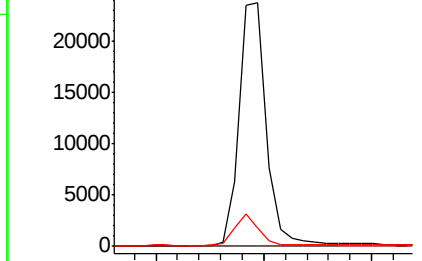
mohammad
9/4/2019 8:57:28 AM



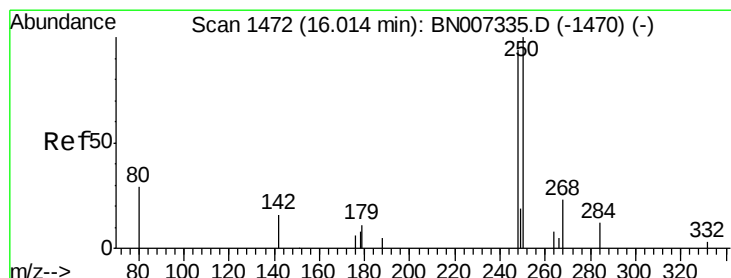
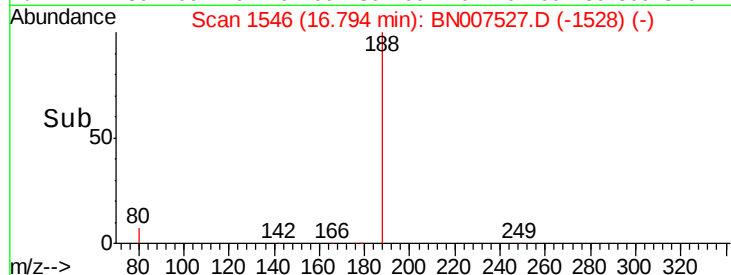
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.155 ng

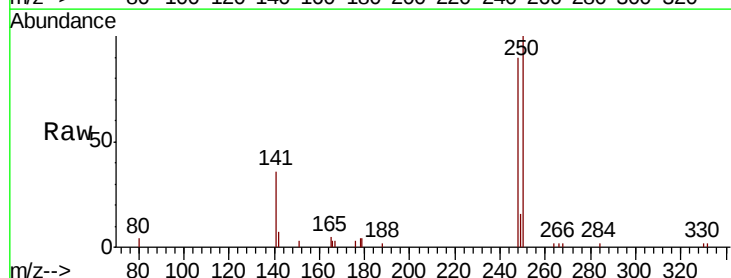
RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

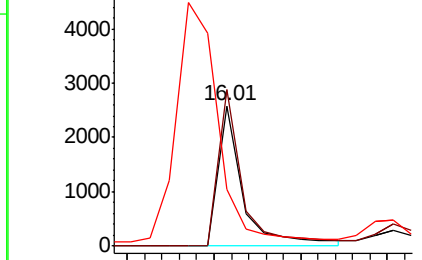
Tgt Ion:248	Resp:	2534
Ion Ratio	Lower	Upper
248 100		
250 111.6	85.0	127.6
141 40.2	51.7	77.5#



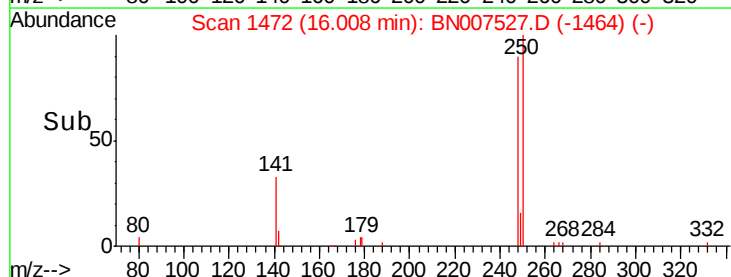
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#21

Hexachlorobenzene

Concen: 0.400 ng

RT: 16.10 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Instrument :

BNA_N

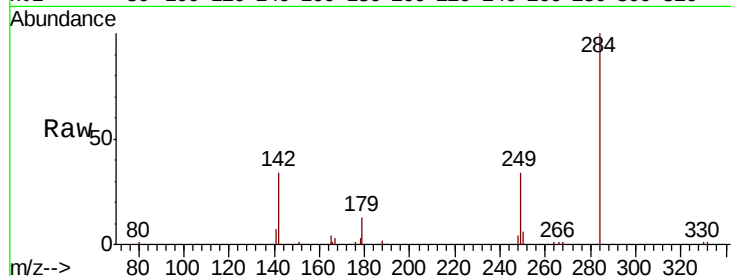
ClientSampleId :

SSTDCCC0.4

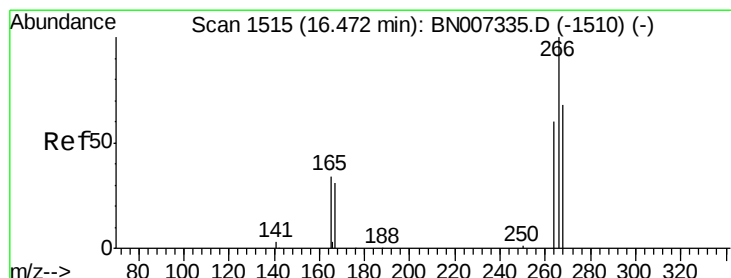
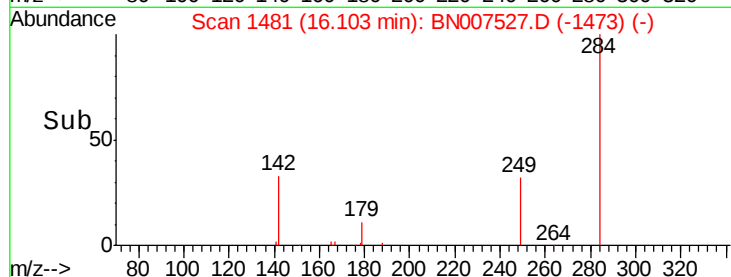
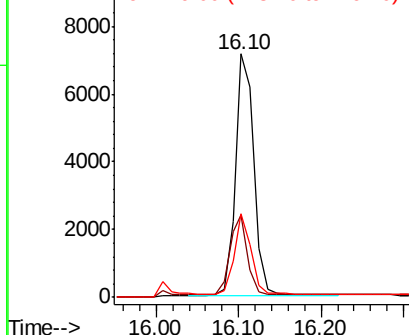
Tot Ion:	284	Resp:	11085
Ion Ratio	Lower	Upper	
284	100		
142	32.0	29.0	43.6
249	30.4	24.9	37.3

Manual Integrations
APPROVED

mohammad
9/4/2019 8:57:28 AM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.228 ng

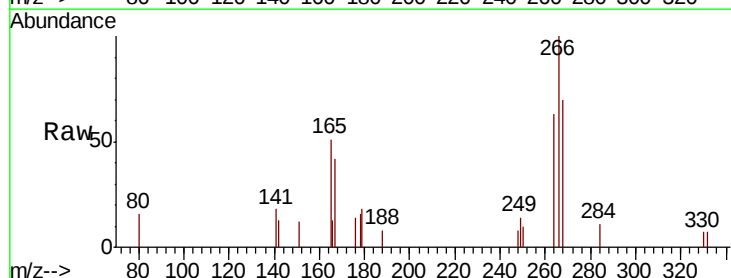
RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

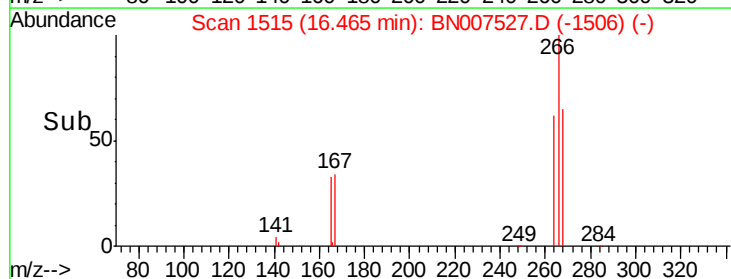
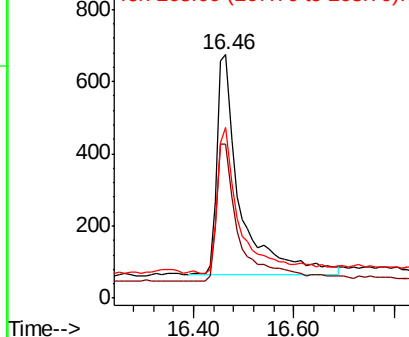
Lab File: BN007527.D

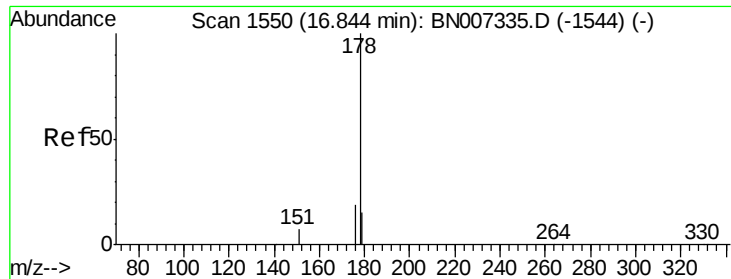
Acq: 01 Sep 2019 16:14

Tgt Ion:	266	Resp:	1962
Ion Ratio	Lower	Upper	
266	100		
264	63.4	57.8	86.8
268	70.2	99.7	149.5#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





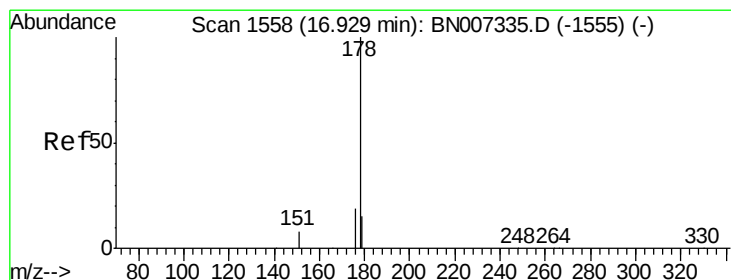
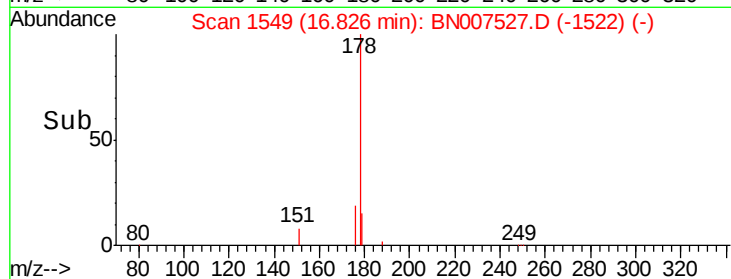
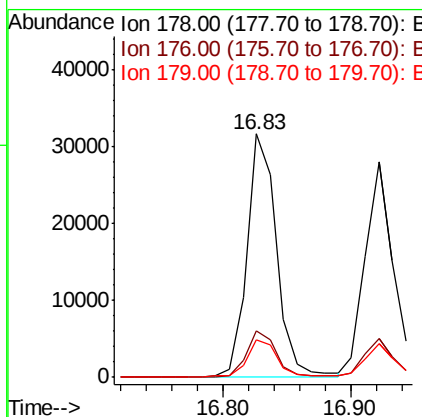
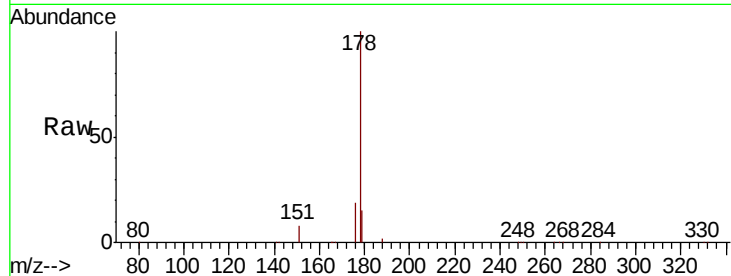
#23
Phenanthrene
Concen: 0.410 ng
RT: 16.83 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.5	12.6	19.0

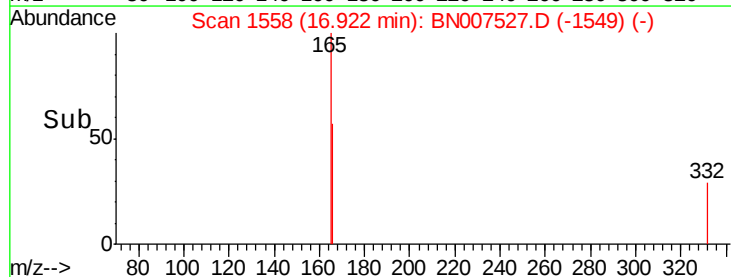
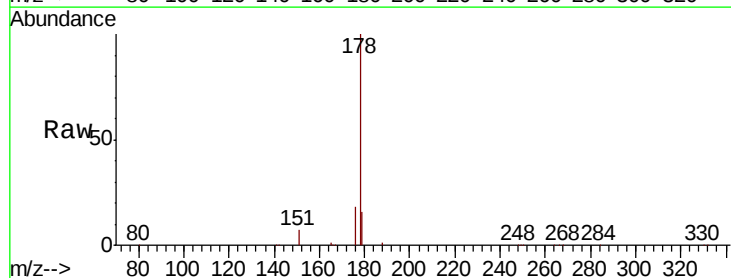
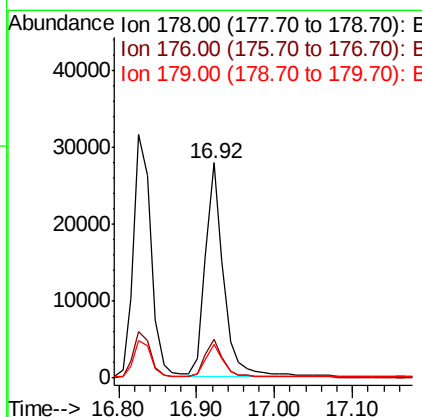
Manual Integrations
APPROVED

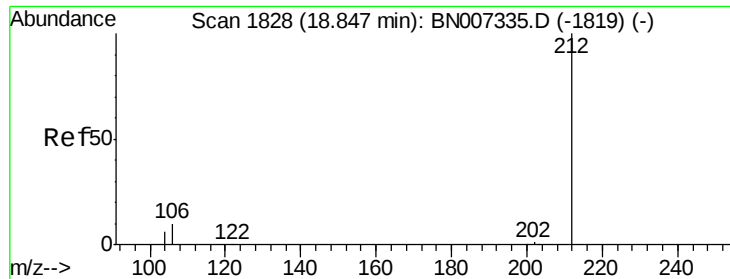
mohammad
9/4/2019 8:57:28 AM



#24
Anthracene
Concen: 0.356 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.9	22.3
179	15.2	12.4	18.6





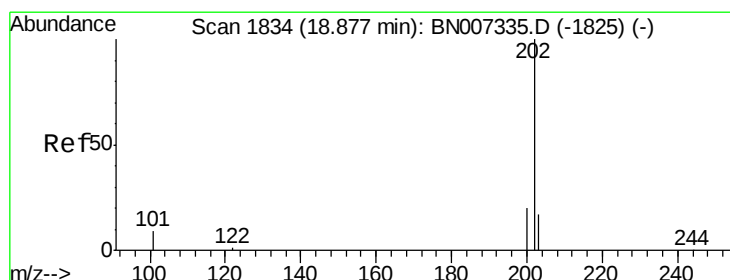
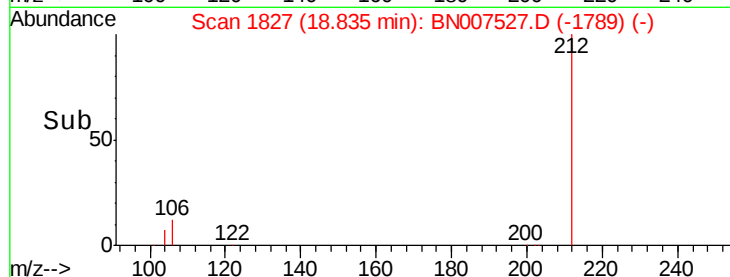
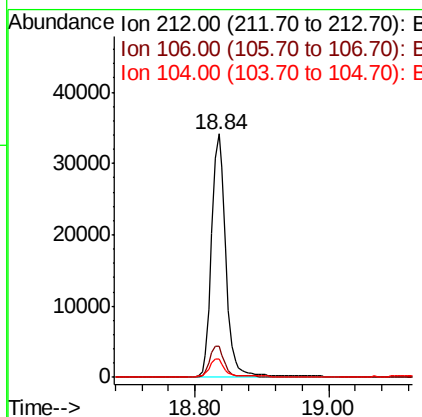
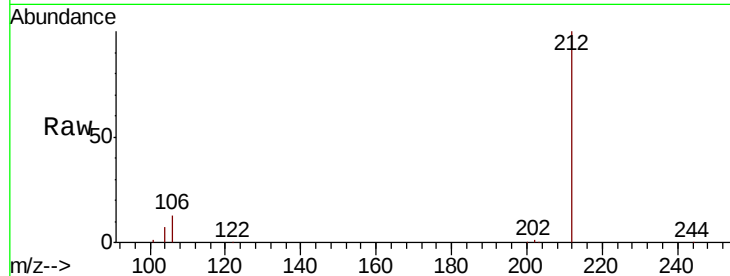
#25
Fluoranthene-d10
Concen: 0.380 ng
RT: 18.84 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
212	100		
106	12.8	9.0	13.4
104	7.0	5.4	8.2

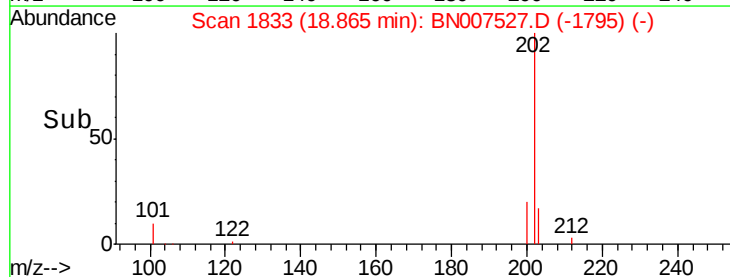
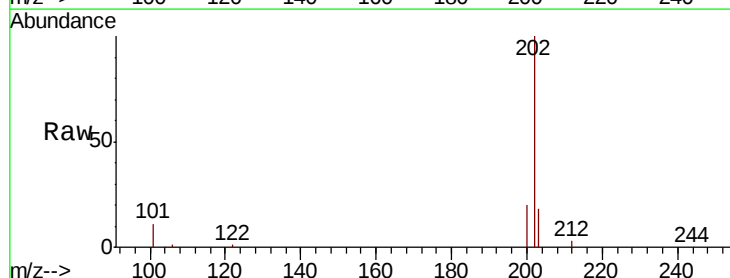
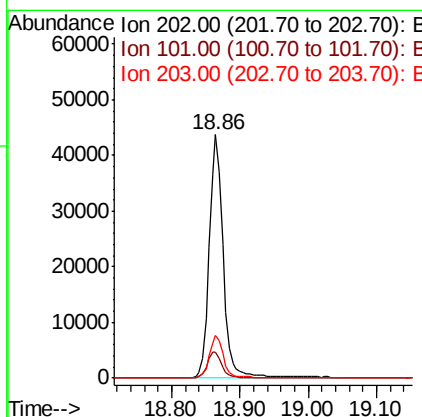
Manual Integrations
APPROVED

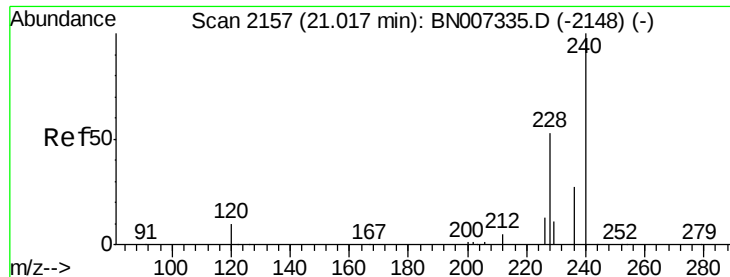
mohammad
9/4/2019 8:57:28 AM



#26
Fluoranthene
Concen: 0.388 ng
RT: 18.86 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	7.7	11.5
203	17.0	13.7	20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:240 Resp: 40158

Ion Ratio Lower Upper

240 100

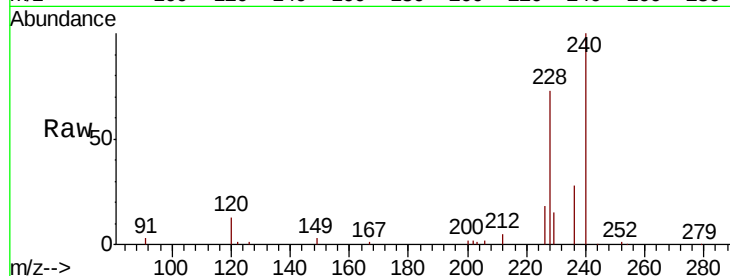
120 13.2 9.6 14.4

236 27.6 22.2 33.2

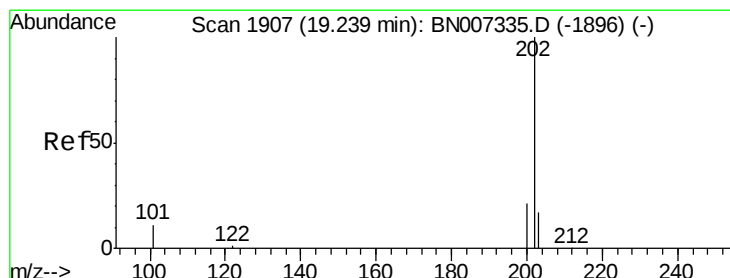
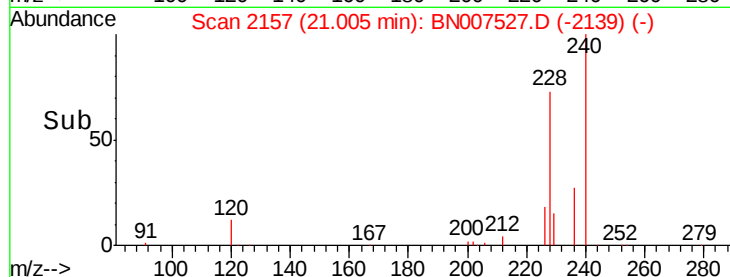
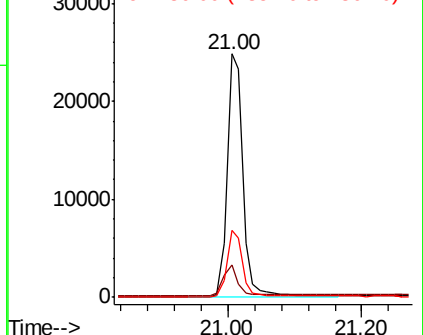
Manual Integrations
APPROVED

mohammad

9/4/2019 8:57:28 AM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.395 ng

RT: 19.23 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

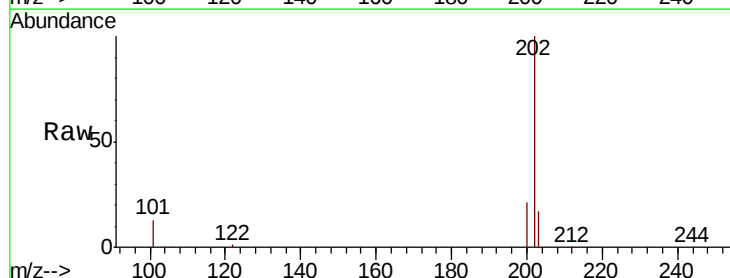
Tgt Ion:202 Resp: 63842

Ion Ratio Lower Upper

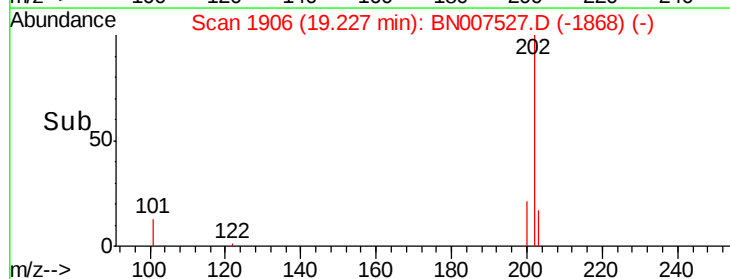
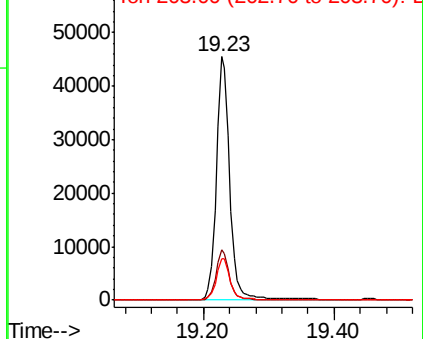
202 100

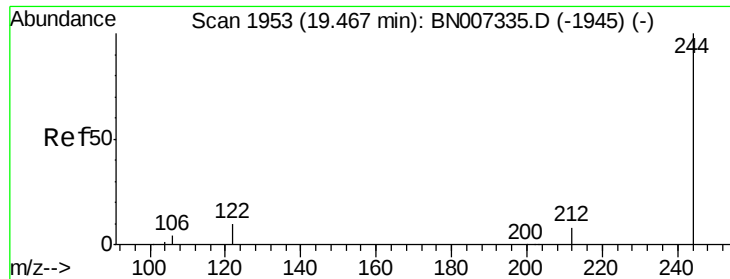
200 20.1 16.6 25.0

203 17.4 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





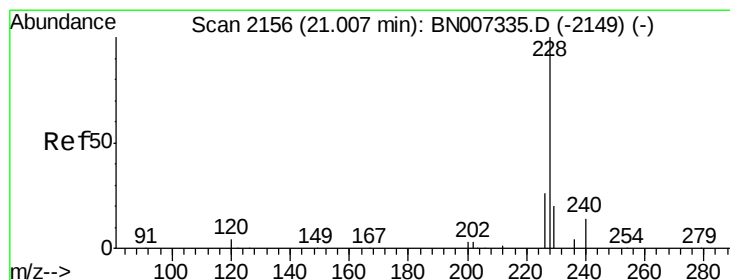
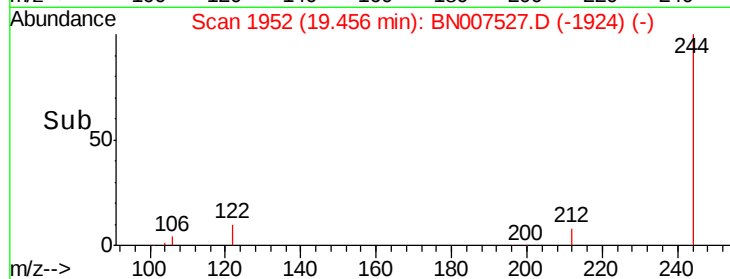
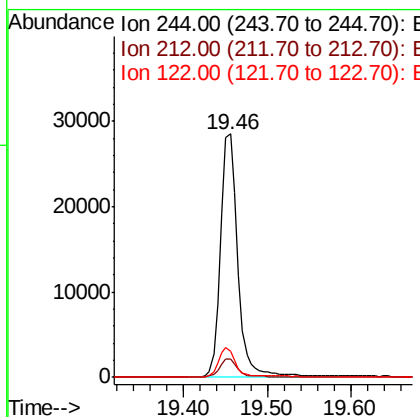
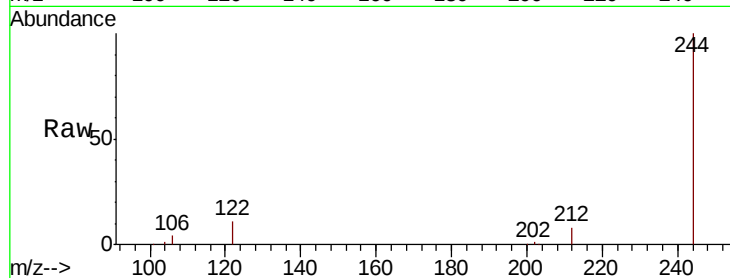
#29
 Terphenyl-d14
 Concen: 0.389 ng
 RT: 19.46 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BN007527.D
 Acq: 01 Sep 2019 16:14

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.0	10.6
122	10.8	9.6	14.4

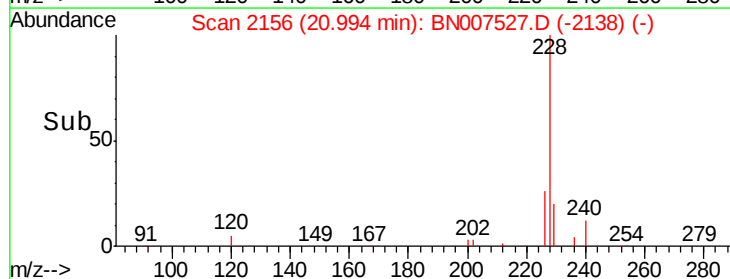
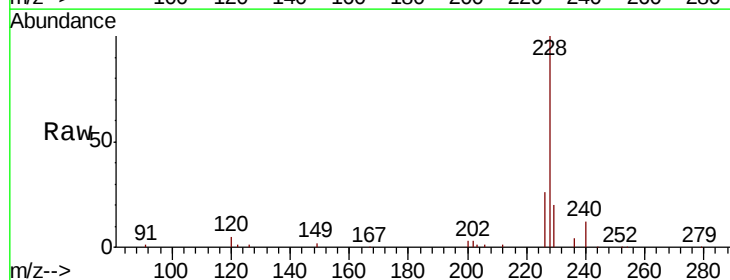
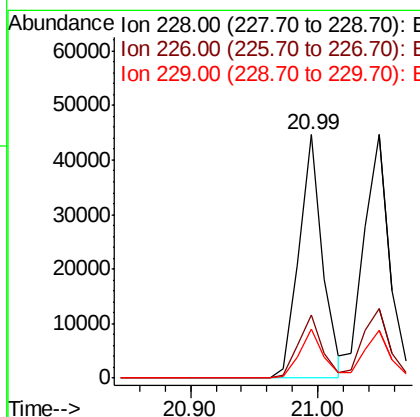
Manual Integrations
 APPROVED

mohammad
 9/4/2019 8:57:28 AM



#30
 Benzo(a)anthracene
 Concen: 0.360 ng
 RT: 20.99 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BN007527.D
 Acq: 01 Sep 2019 16:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.3	31.9
229	20.1	16.1	24.1





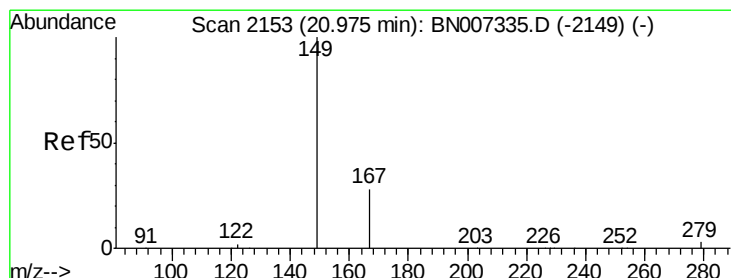
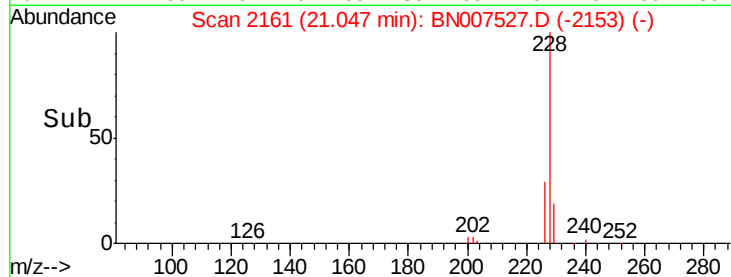
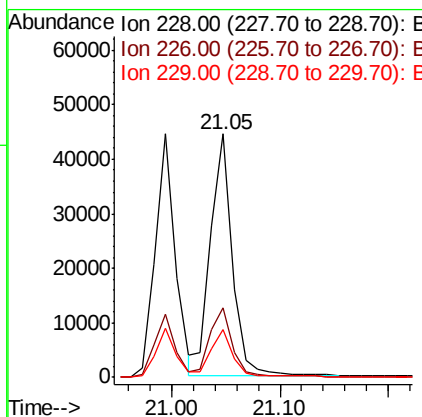
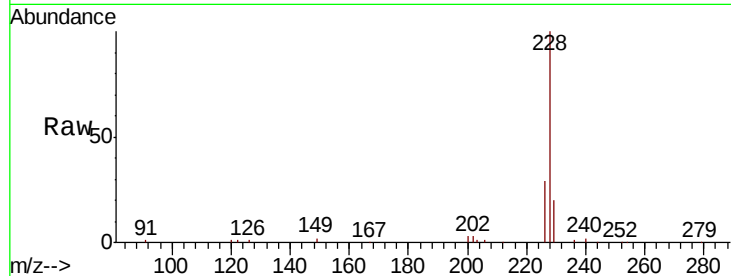
#31
 Chrysene
 Concen: 0.405 ng
 RT: 21.05 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BN007527.D
 Acq: 01 Sep 2019 16:14

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.5	35.3
229	19.6	16.6	24.8

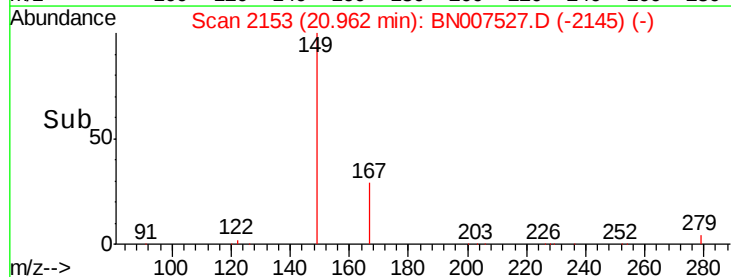
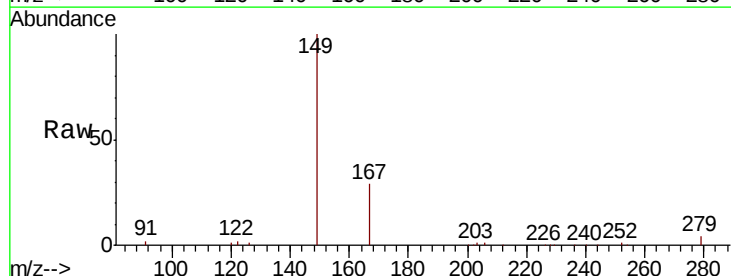
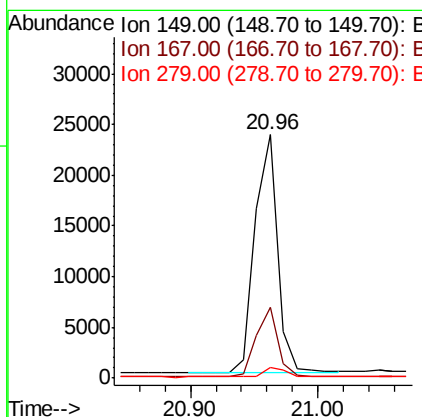
Manual Integrations
 APPROVED

mohammad
 9/4/2019 8:57:28 AM



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.267 ng
 RT: 20.96 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BN007527.D
 Acq: 01 Sep 2019 16:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.8	34.2
279	4.1	3.5	5.3





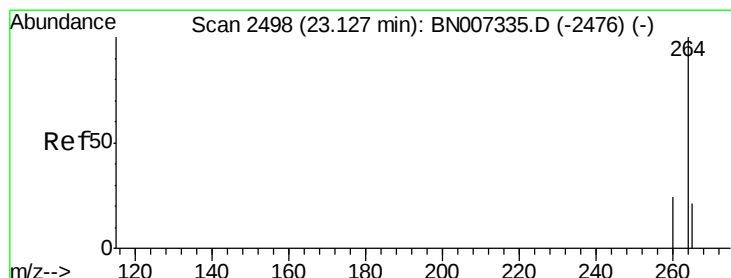
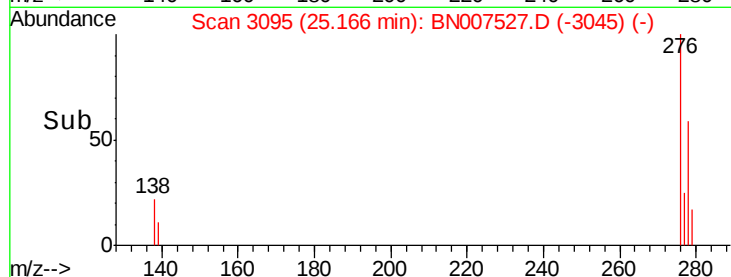
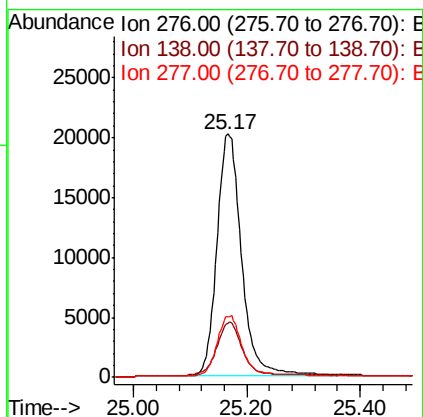
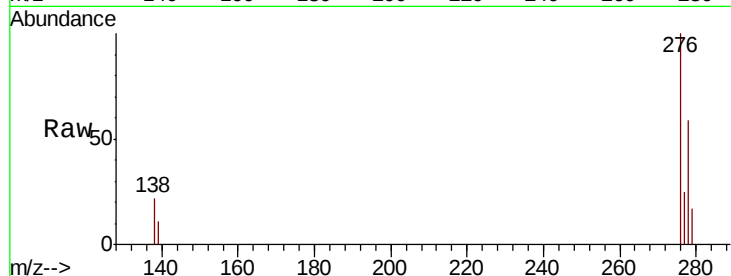
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.333 ng
RT: 25.17 min Scan# 3095
Delta R.T. -0.03 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	15.1	22.7
277	24.0	19.7	29.5

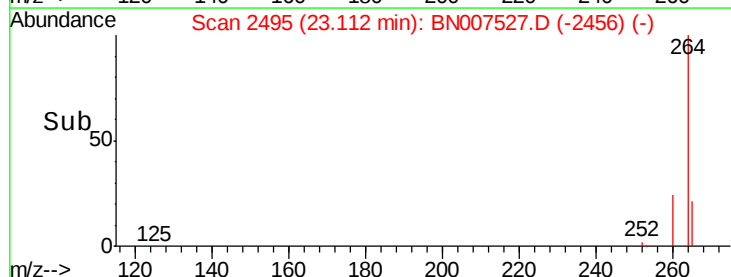
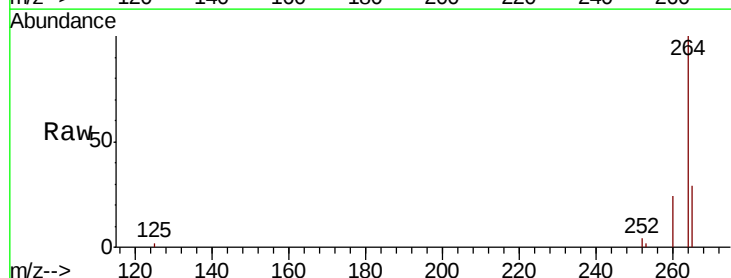
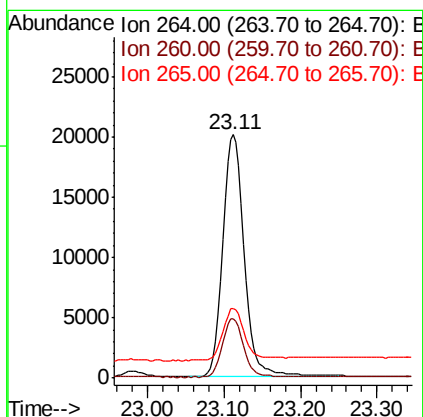
Manual Integrations
APPROVED

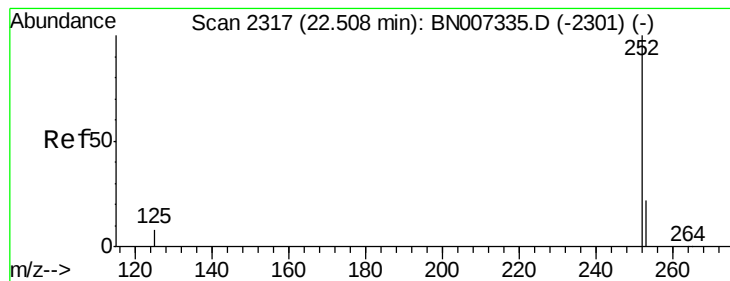
mohammad
9/4/2019 8:57:28 AM



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.11 min Scan# 2495
Delta R.T. -0.02 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	28.7	29.9	44.9#





#35

Benzo(b)fluoranthene

Concen: 0.400 ng/mL

RT: 22.49 min Scan# 2314

Delta R.T. -0.02 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Instrument :

BNA_N

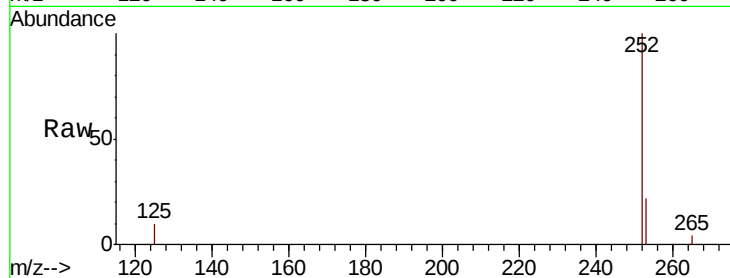
ClientSampleId :

SSTDCCC0.4

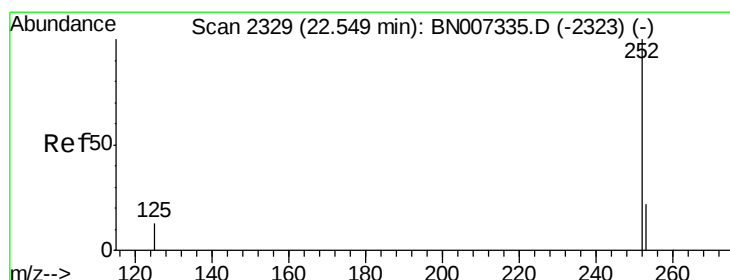
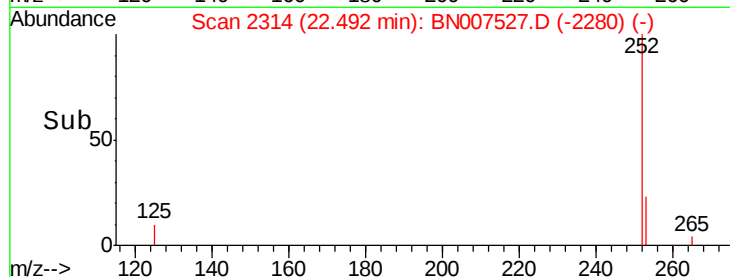
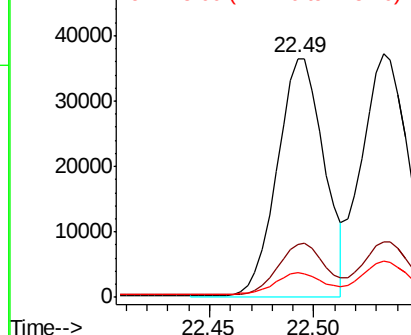
Tot Ion:	252	Resp:	57690
Ion Ratio	Lower	Upper	
252	100		
253	22.4	19.2	28.8
125	10.1	10.6	16.0

Manual Integrations
APPROVED

mohammad
9/4/2019 8:57:28 AM



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



#36

Benzo(k)fluoranthene

Concen: 0.436 ng/mL

RT: 22.53 min Scan# 2326

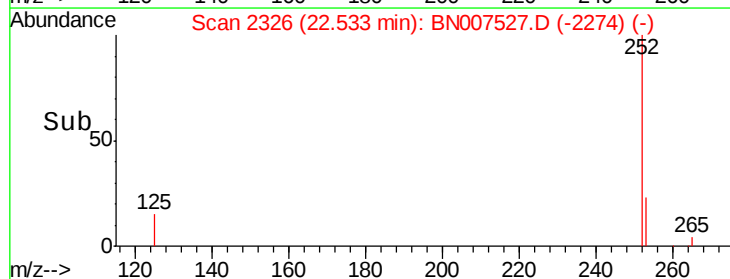
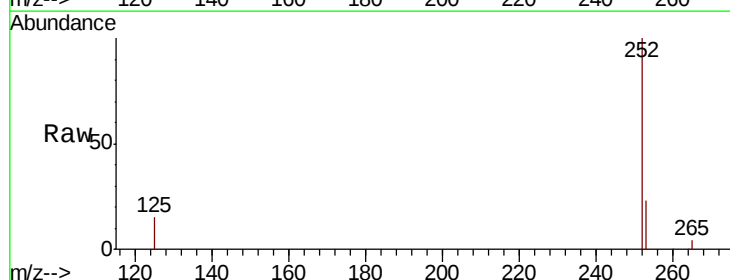
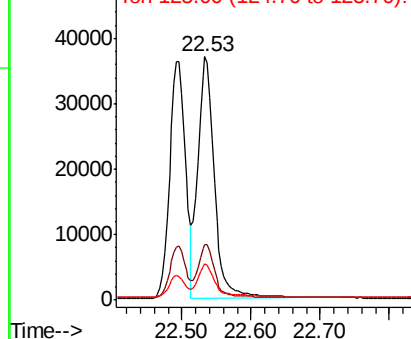
Delta R.T. -0.02 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Tgt Ion:	252	Resp:	62215
Ion Ratio	Lower	Upper	
252	100		
253	23.0	19.4	29.2
125	14.9	13.1	19.7

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





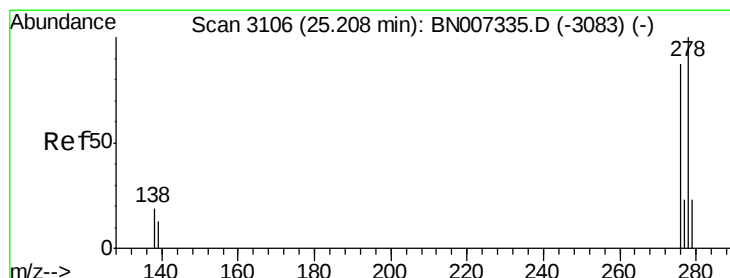
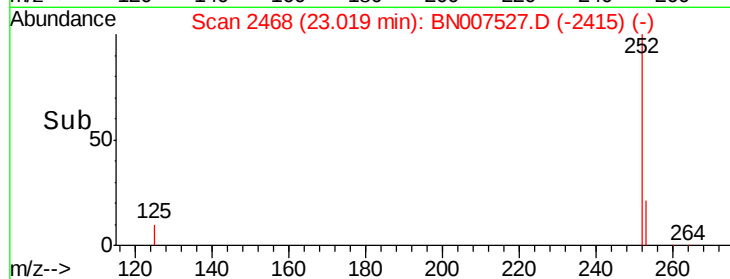
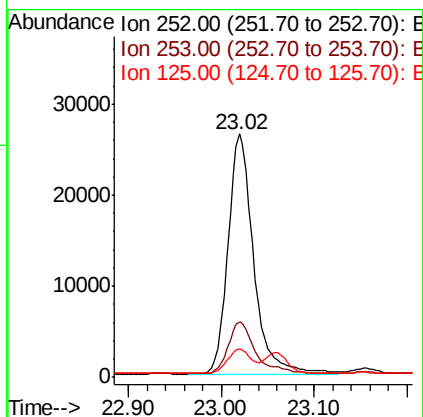
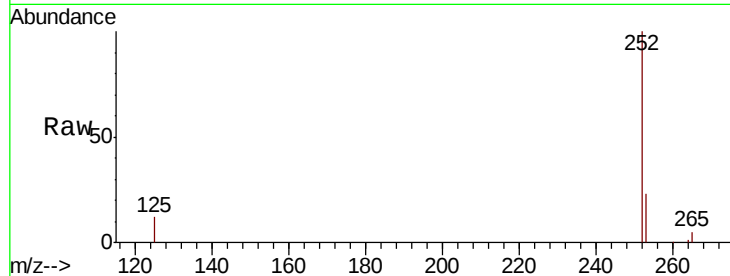
#37
Benzo(a)pyrene
Concen: 0.375 ng
RT: 23.02 min Scan# 2468
Delta R.T. -0.02 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.5	29.3
125	11.6	12.1	18.1

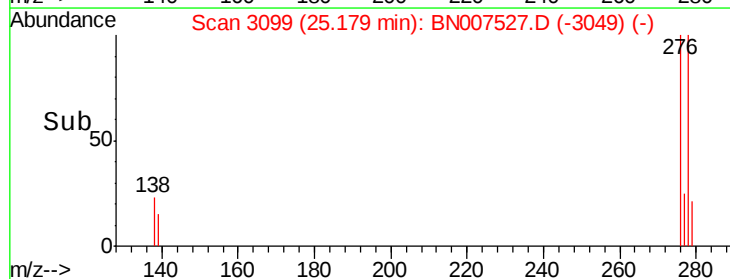
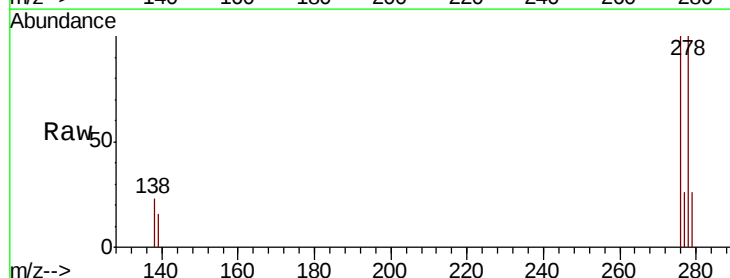
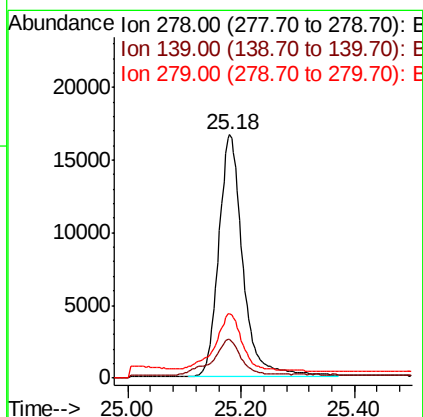
Manual Integrations
APPROVED

mohammad
9/4/2019 8:57:28 AM



#38
Dibenzo(a,h)anthracene
Concen: 0.357 ng
RT: 25.18 min Scan# 3099
Delta R.T. -0.03 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.7	20.5
279	26.3	20.2	30.4





#39

Benzo(a,h,i)perylene

Concen: 0.359 ng

RT: 25.79 min Scan# 3278

Delta R.T. -0.03 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Instrument :

BNA_N

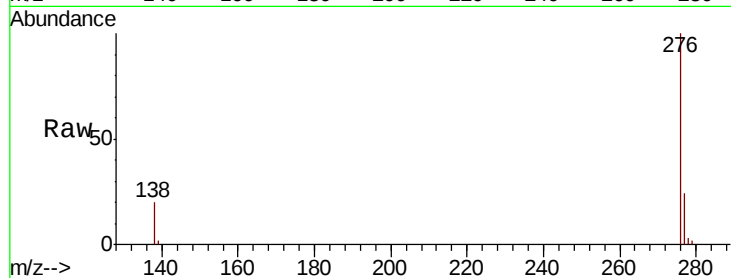
ClientSampleId :

SSTDCCC0.4

Tot Ion:	276	Resp:	48993
Ion Ratio	Lower	Upper	
276	100		
277	24.2	19.6	29.4
138	19.8	16.3	24.5

Manual Integrations
APPROVED

mohammad
9/4/2019 8:57:28 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

