

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121418\
 Data File : BE098454.D
 Acq On : 15 Dec 2018 3:41
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:10:16 PM

Quant Time: Dec 15 04:15:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	1574	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	6647	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	4225	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	11302	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	13599	0.40	ng	-0.01
34) Perylene-d12	24.00	264	13237	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	1582	0.43	ng	0.00
5) Phenol-d6	7.04	99	2241	0.43	ng	-0.01
8) Nitrobenzene-d5	9.02	82	2270	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	4098	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	715	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6660	0.37	ng	0.00
25) Fluoranthene-d10	19.30	212	55317	0.38	ng	0.00
29) Terphenyl-d14	19.90	244	10450	0.32	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	907m	0.333	ng	
3) n-Nitrosodimethylamine	3.70	42	712	0.291	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1649	0.333	ng	95
9) Naphthalene	10.70	128	26395	0.395	ng	100
10) Hexachlorobutadiene	10.99	225	1732	0.407	ng	97
12) 2-Methylnaphthalene	12.32	142	4060	0.374	ng	94
16) Acenaphthylene	14.24	152	7730	0.391	ng	98
17) Acenaphthene	14.59	154	4500	0.378	ng	95
18) Fluorene	15.57	166	6111	0.384	ng	97
20) 4-Bromophenyl-phenylether	16.46	248	2255	0.371	ng	# 81
21) Hexachlorobenzene	16.58	284	2542	0.389	ng	96
22) Pentachlorophenol	16.94	266	614	0.553	ng	97
23) Phenanthrene	17.31	178	10331	0.376	ng	99
24) Anthracene	17.41	178	8708	0.356	ng	100
26) Fluoranthene	19.33	202	14090	0.388	ng	99
28) Pyrene	19.69	202	14762	0.346	ng	99
30) Benzo(a)anthracene	21.44	228	14062	0.363	ng	99
31) Chrysene	21.50	228	15472	0.381	ng	100
32) Bis(2-ethylhexyl)phthalate	21.35	149	28899	0.367	ng	99
33) Indeno(1,2,3-cd)pyrene	26.68	276	16143	0.400	ng	97
35) Benzo(b)fluoranthene	23.22	252	14020	0.387	ng	# 93
36) Benzo(k)fluoranthene	23.27	252	16581	0.393	ng	97
37) Benzo(a)pyrene	23.88	252	14506	0.388	ng	97
38) Dibenzo(a,h)anthracene	26.70	278	13309	0.378	ng	# 87
39) Benzo(g,h,i)perylene	27.50	276	13376	0.377	ng	98

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

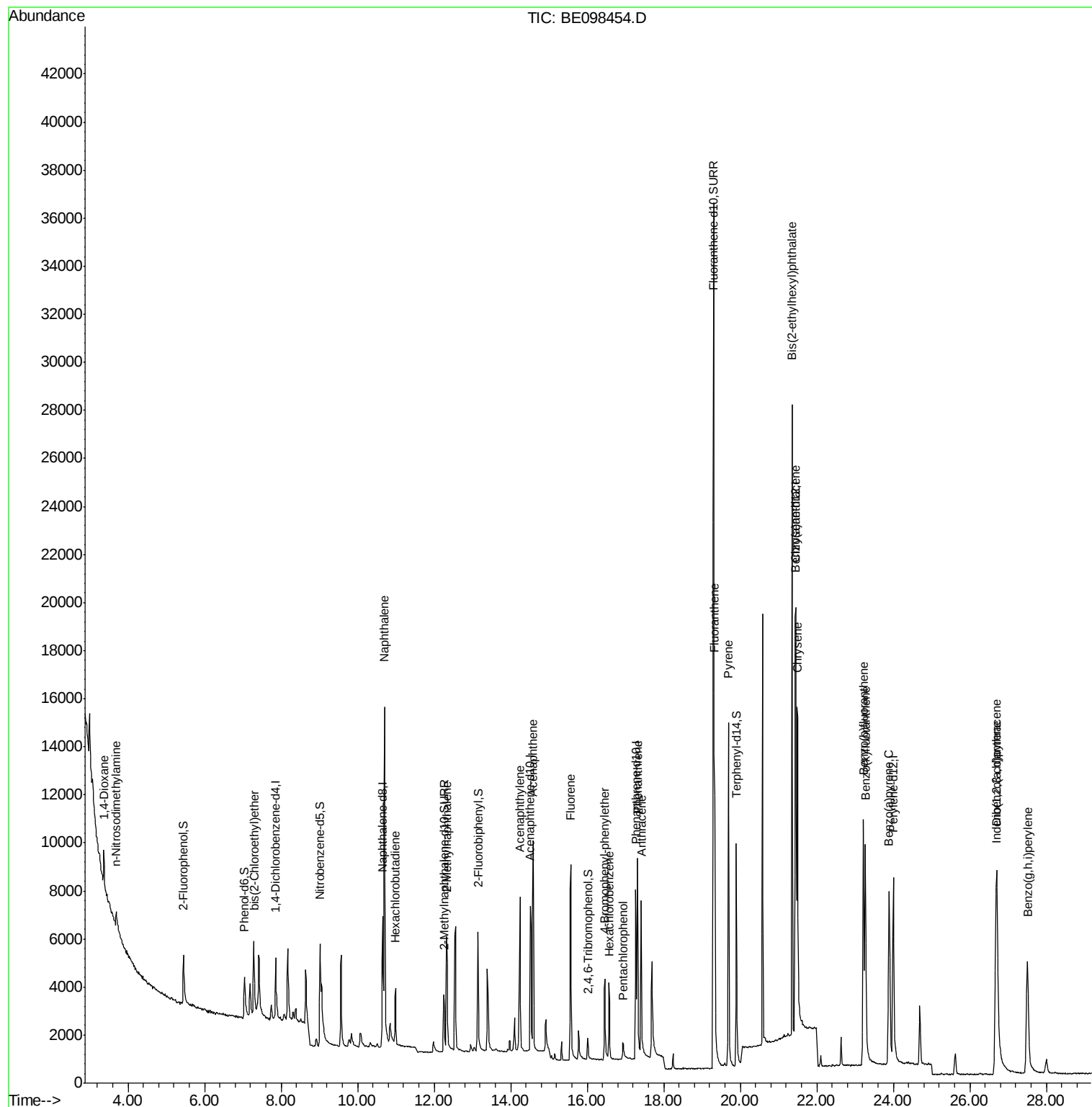
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121418\
Data File : BE098454.D
Acq On : 15 Dec 2018 3:41
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations
APPROVED

Sohil
12/17/2018 4:10:16 PM

Quant Time: Dec 15 04:15:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. -0.01 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

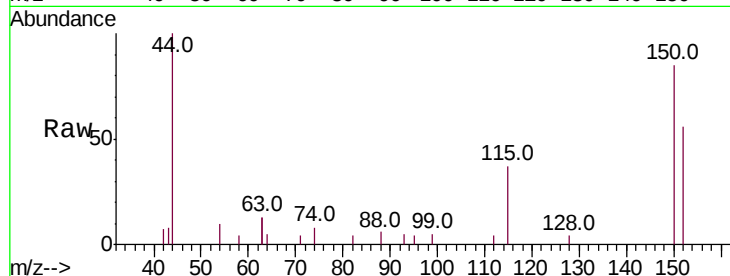
ClientSampleId :

SSTDCCC0.4

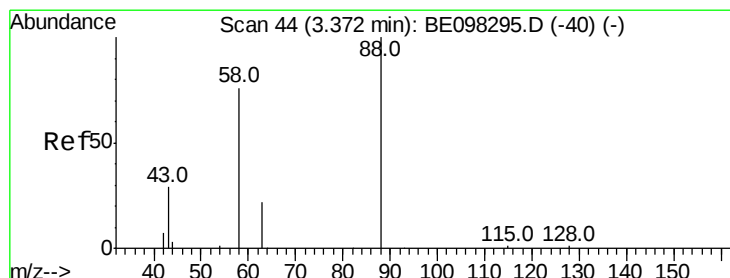
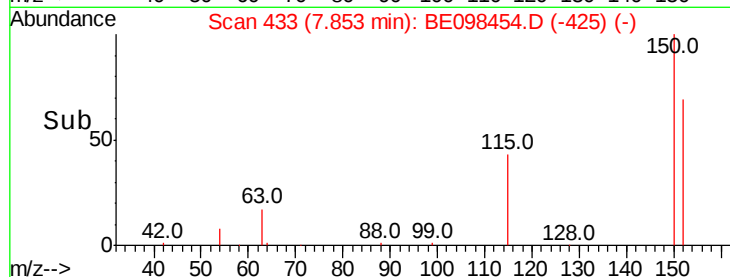
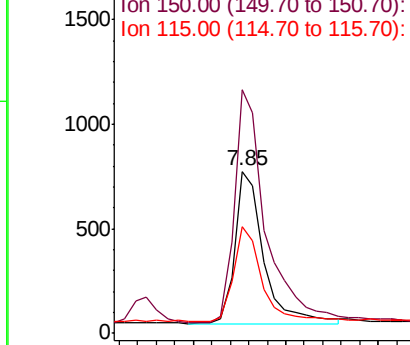
Tot Ion:	152	Resp:	1574
Ion	Ratio	Lower	Upper
152	100		
150	150.3	124.2	186.4
115	65.9	53.9	80.9

Manual Integrations
APPROVED

Sohil
12/17/2018 4:10:16 PM



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: 0.333 ng m

RT: 3.37 min Scan# 44

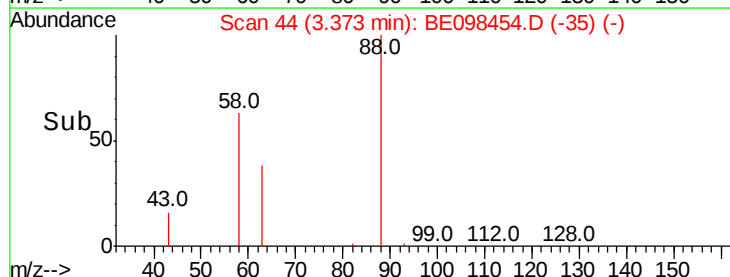
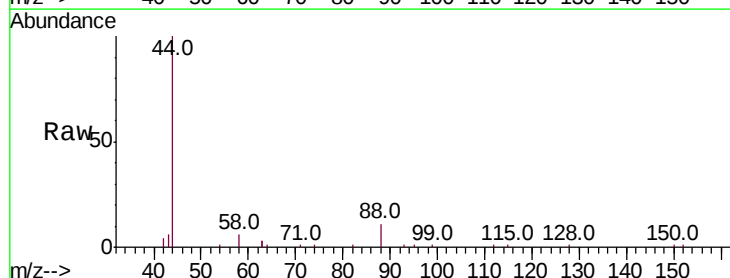
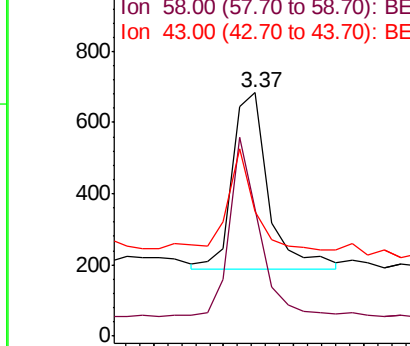
Delta R.T. 0.00 min

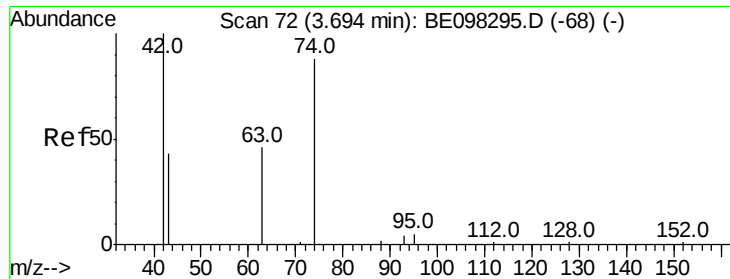
Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Tgt Ion:	88	Resp:	907
Ion	Ratio	Lower	Upper
88	100		
58	81.3	75.0	112.6
43	43.7	38.3	57.5

Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.291 ng

RT: 3.70 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

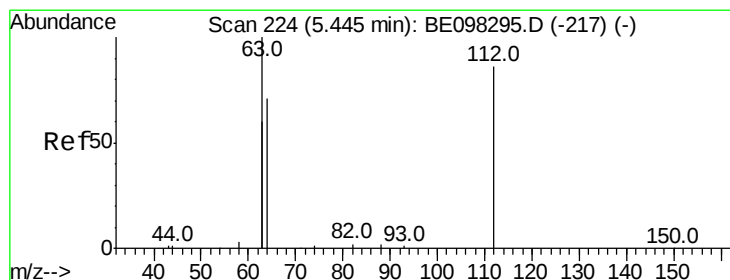
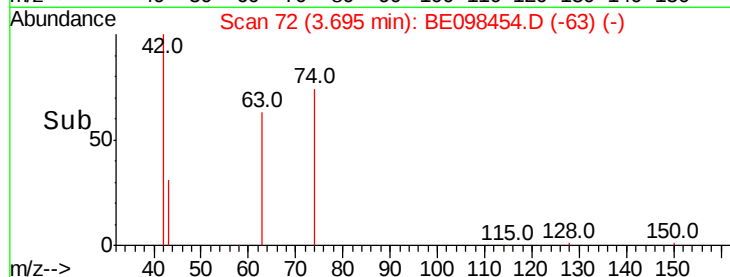
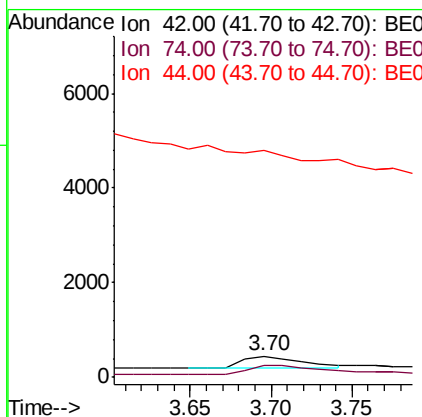
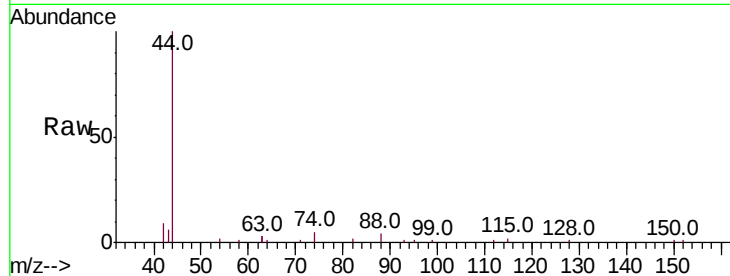
ClientSampleId :

SSTDCCC0.4

Tot Ion:	42	Resp:	712
Ion	Ratio	Lower	Upper
42	100		
74	79.5	0.0	0.0#
44	0.0	0.0	0.0

Manual Integrations
APPROVED

Sohil
12/17/2018 4:10:16 PM



#4

2-Fluorophenol

Concen: 0.429 ng

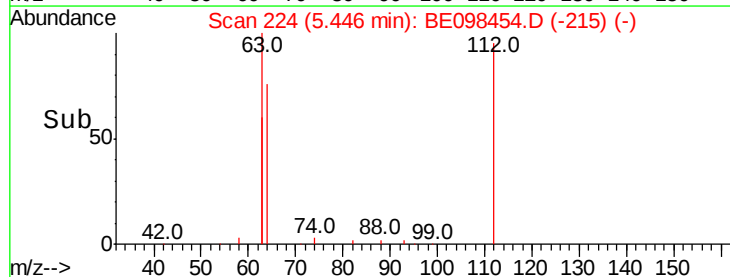
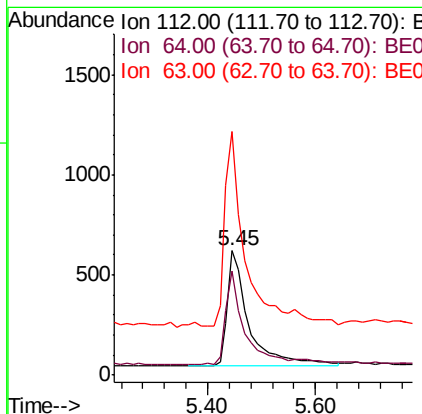
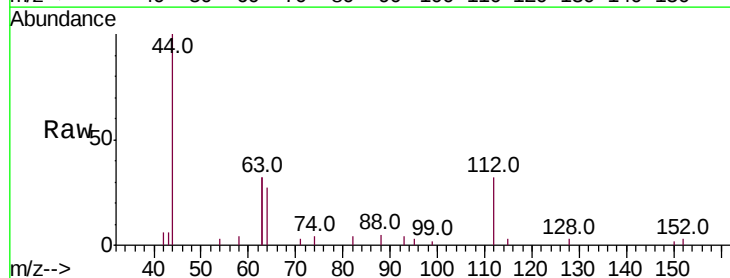
RT: 5.45 min Scan# 224

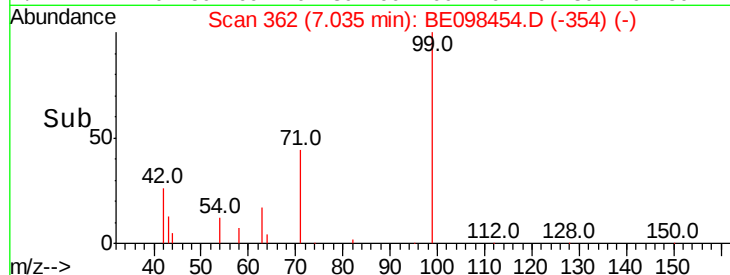
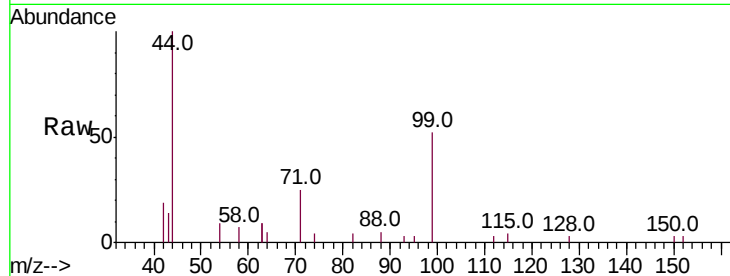
Delta R.T. 0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Tgt Ion:	112	Resp:	1582
Ion	Ratio	Lower	Upper
112	100		
64	71.6	59.8	89.8
63	168.0	133.7	200.5





#5

Phenol-d6

Concen: 0.429 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Tot Ion:	99	Resp:	2241
Ion	Ratio	Lower	Upper
99	100		
42	28.5	26.3	39.5
71	45.2	33.6	50.4

Instrument :

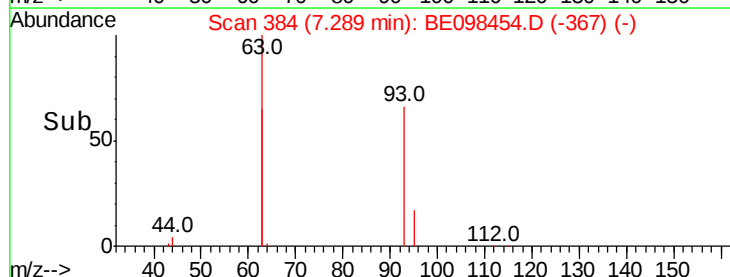
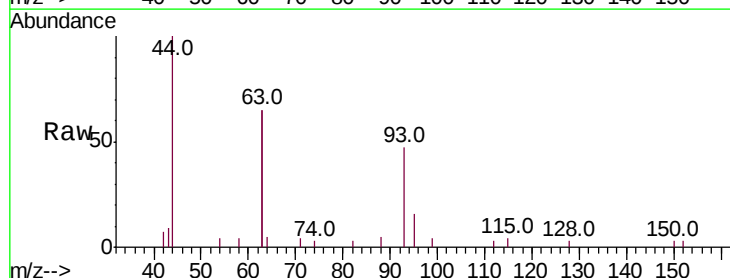
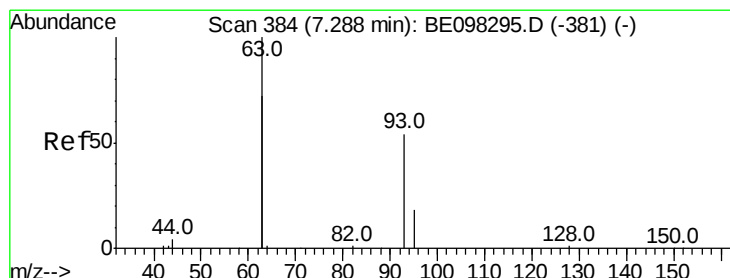
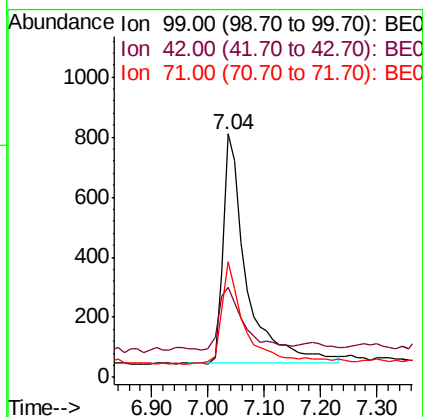
BNA_E

ClientSampled :

SSTDCCC0.4

Manual Integrations
APPROVED

Sohil
12/17/2018 4:10:16 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.333 ng

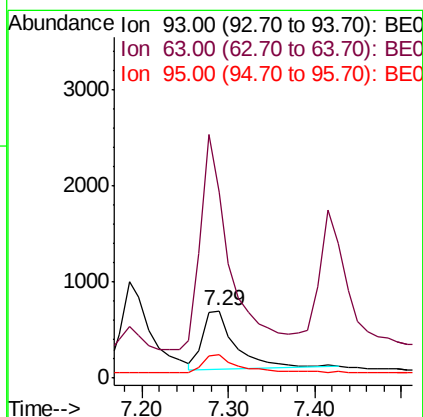
RT: 7.29 min Scan# 384

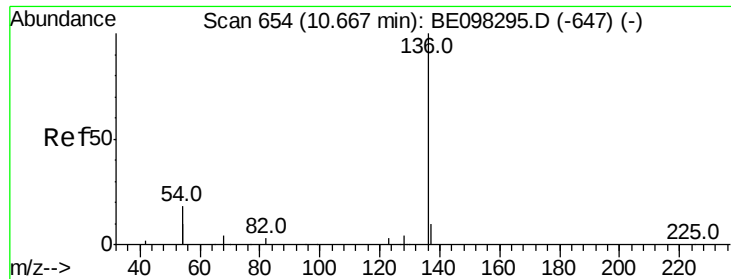
Delta R.T. 0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Tgt Ion:	93	Resp:	1649
Ion	Ratio	Lower	Upper
93	100		
63	319.2	264.4	396.6
95	31.9	26.6	40.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

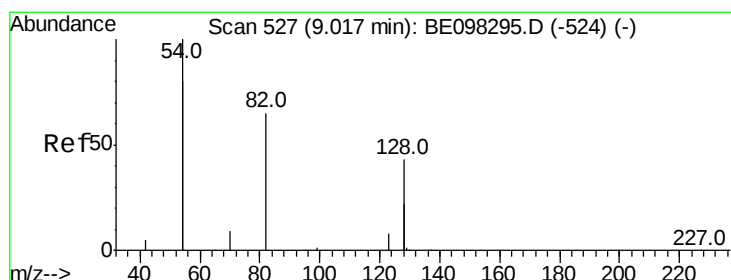
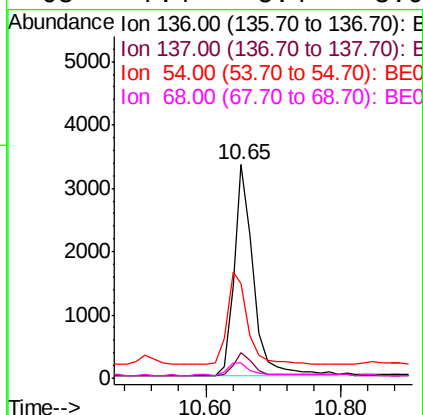
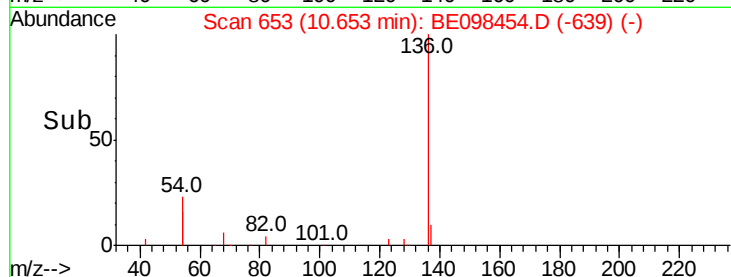
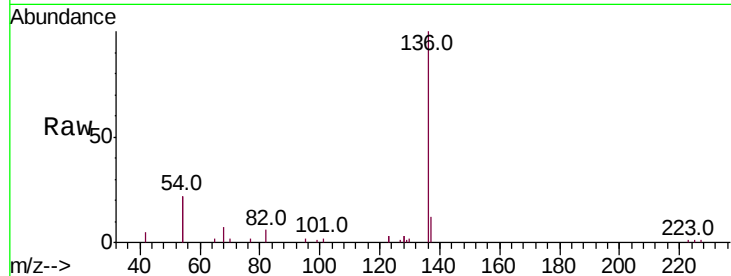
ClientSampleId :

SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	44.4	28.4	42.6
68	7.4	5.4	8.0

Manual Integrations
APPROVED

Sohil
12/17/2018 4:10:16 PM



#8

Nitrobenzene-d5

Concen: 0.375 ng

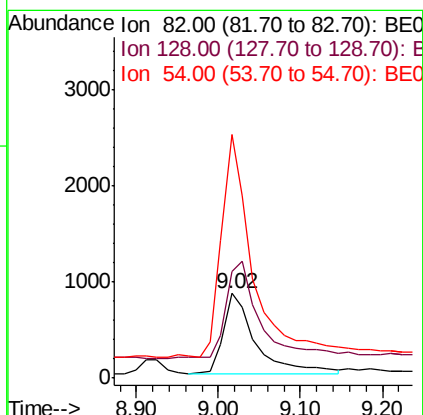
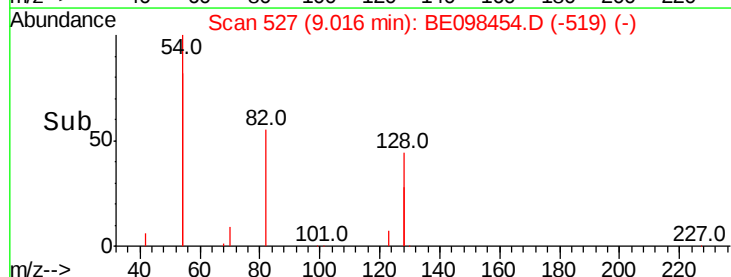
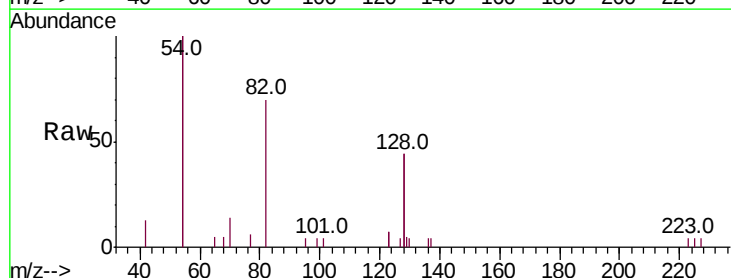
RT: 9.02 min Scan# 527

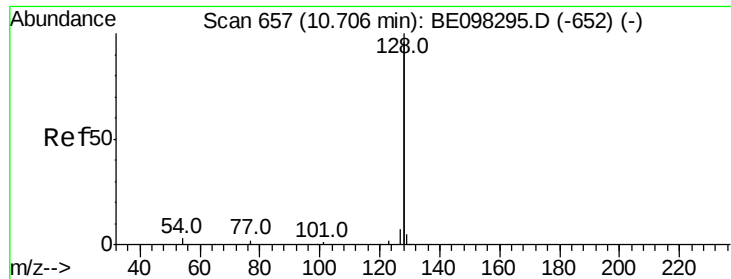
Delta R.T. -0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Tgt Ion	Ratio	Lower	Upper
82	100		
128	125.9	102.4	153.6
54	287.5	221.8	332.8





#9

Naphthalene

Concen: 0.395 ng

RT: 10.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

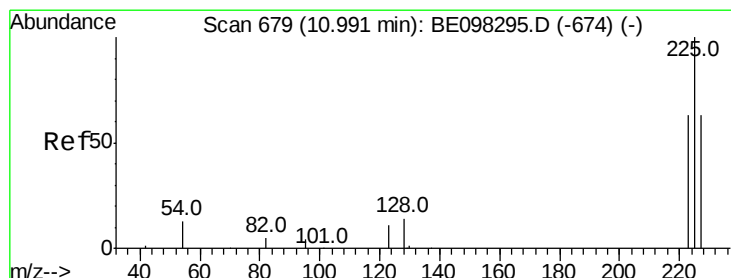
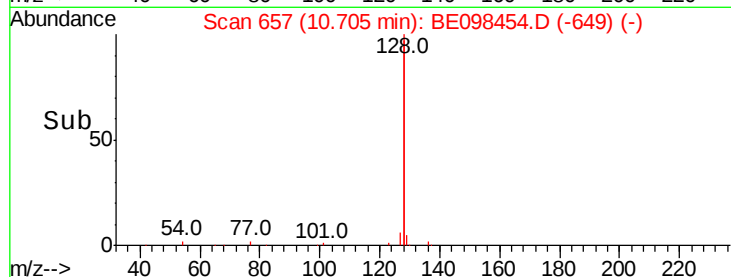
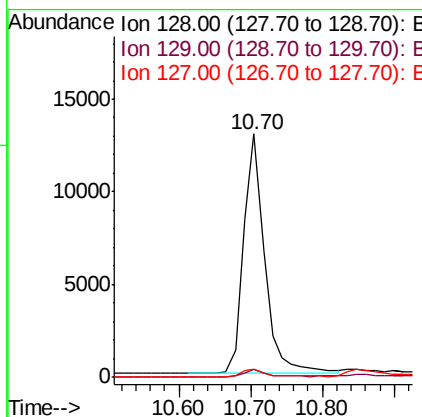
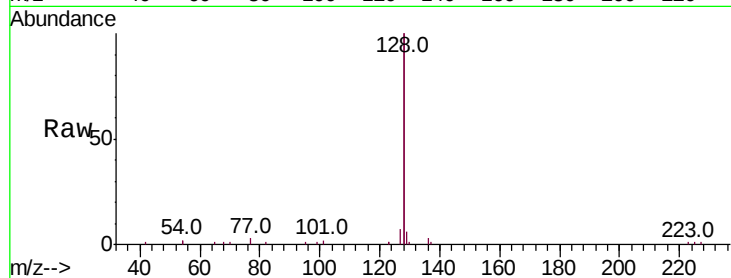
ClientSampleId :

SSTDCCC0.4

Tot Ion:	128	Resp:	26395
Ion Ratio	Lower	Upper	
128	100		
129	3.1	2.5	3.7
127	3.4	2.7	4.1

Manual Integrations
APPROVED

Sohil
12/17/2018 4:10:16 PM



#10

Hexachlorobutadiene

Concen: 0.407 ng

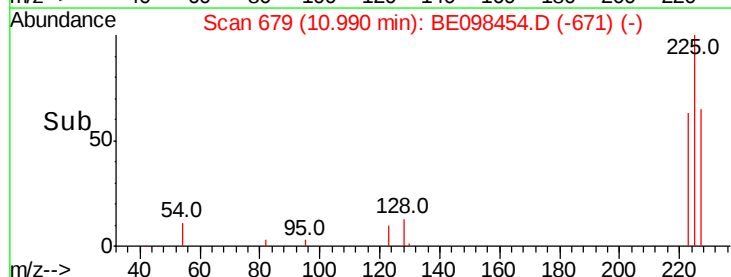
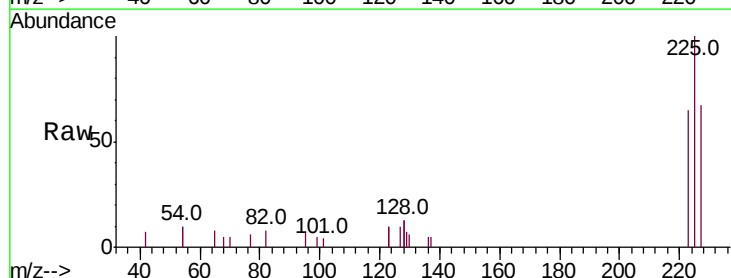
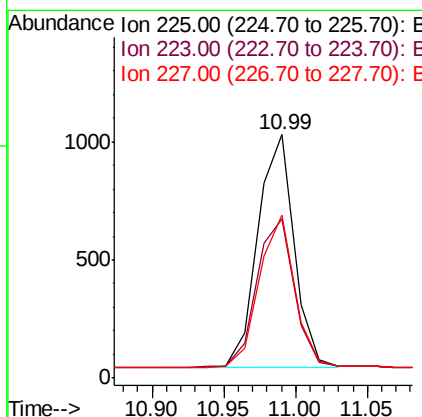
RT: 10.99 min Scan# 679

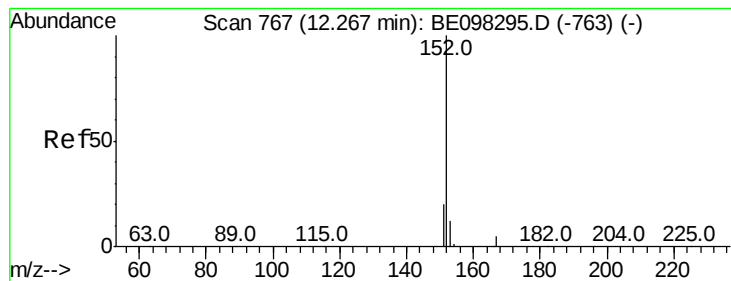
Delta R.T. -0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Tgt Ion:	225	Resp:	1732
Ion Ratio	Lower	Upper	
225	100		
223	65.8	49.4	74.0
227	64.0	52.0	78.0





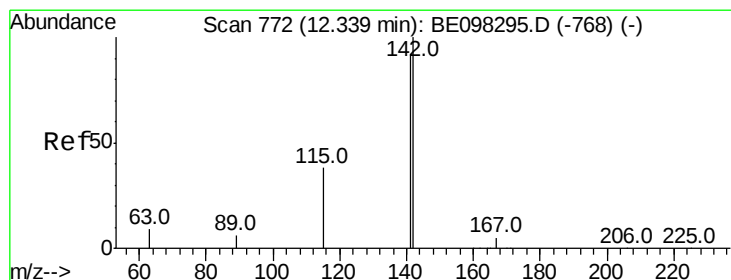
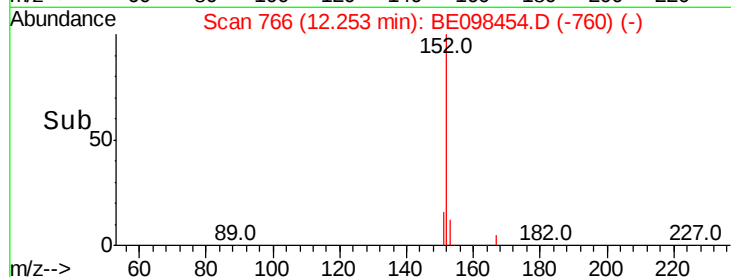
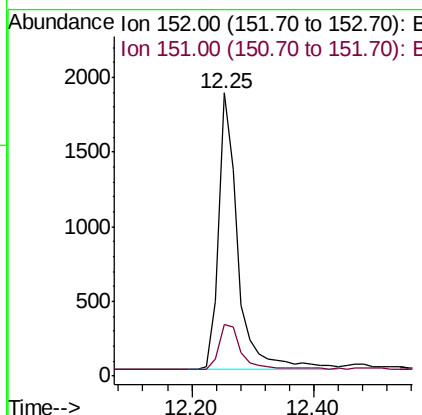
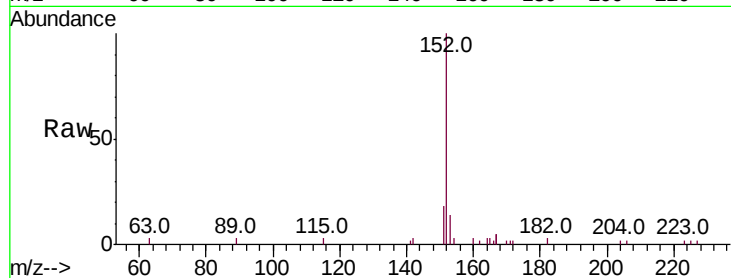
#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.4

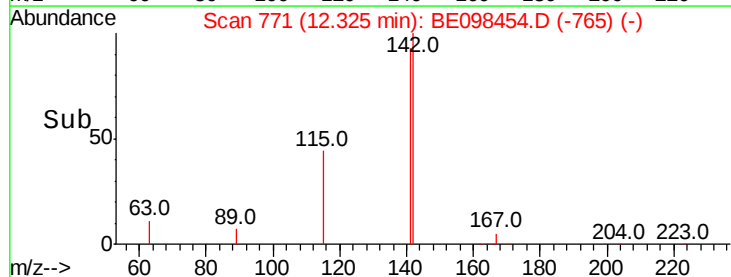
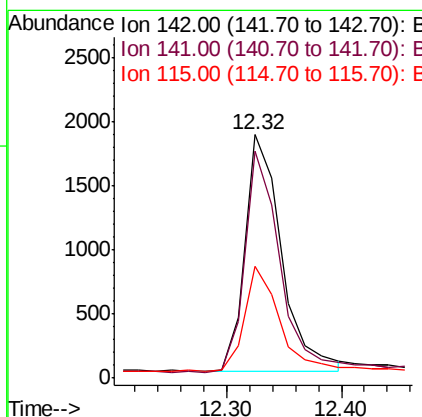
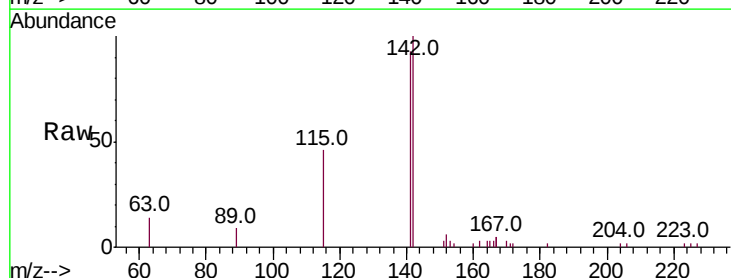
Manual Integrations
APPROVED

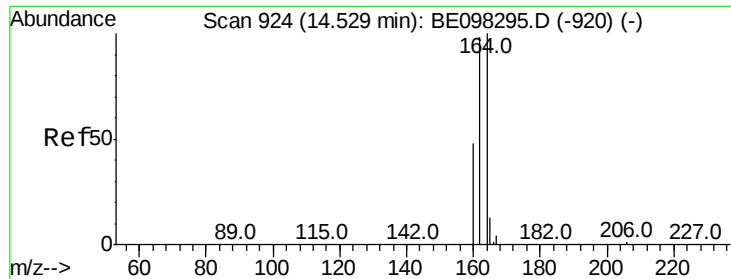
Sohil
12/17/2018 4:10:16 PM



#12
2-Methylnaphthalene
Concen: 0.374 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.01 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	71.0	106.6
115	45.7	32.2	48.2





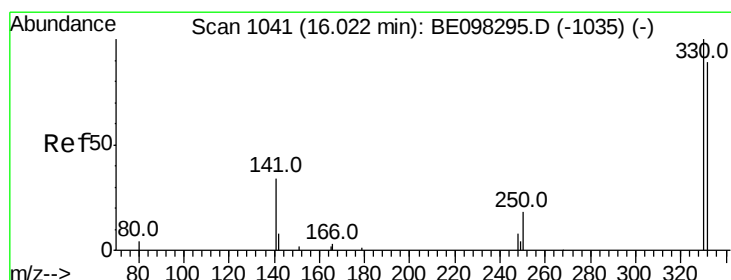
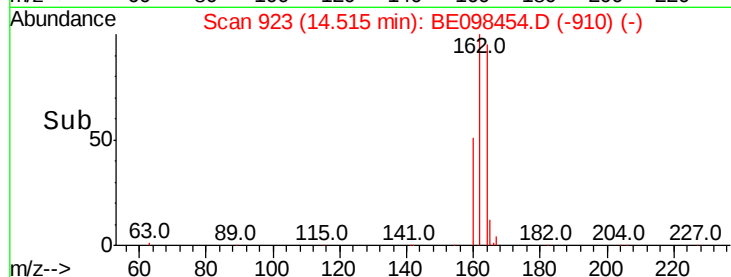
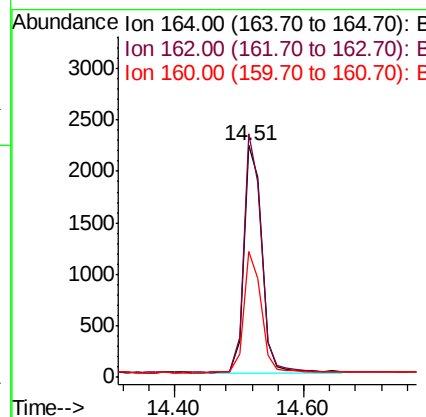
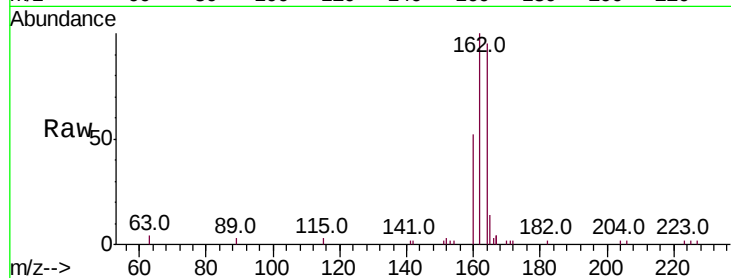
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.1	77.6	116.4
160	54.4	36.0	54.0#

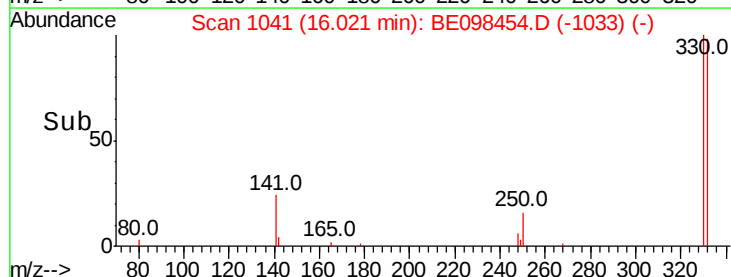
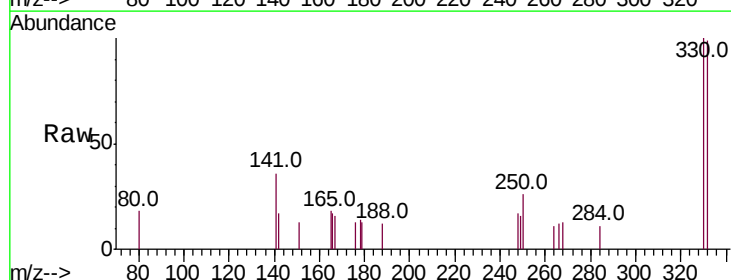
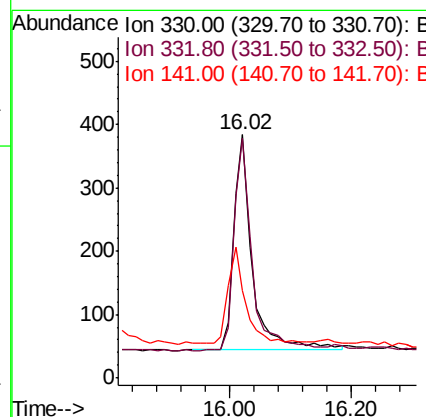
Manual Integrations
APPROVED

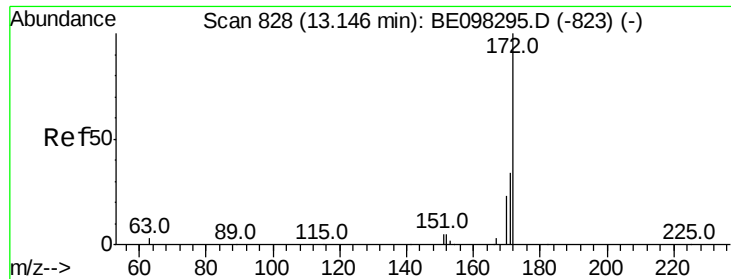
Sohil
12/17/2018 4:10:16 PM



#14
2,4,6-Tribromophenol
Concen: 0.461 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.2	114.4
141	42.5	39.0	58.4





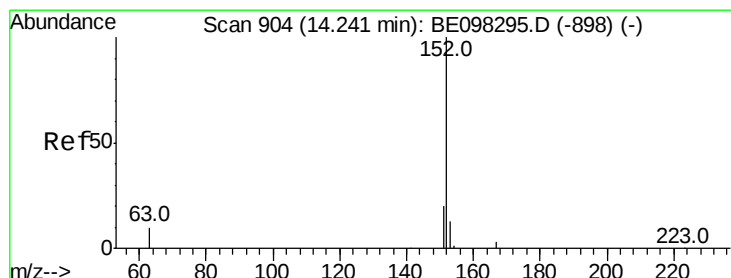
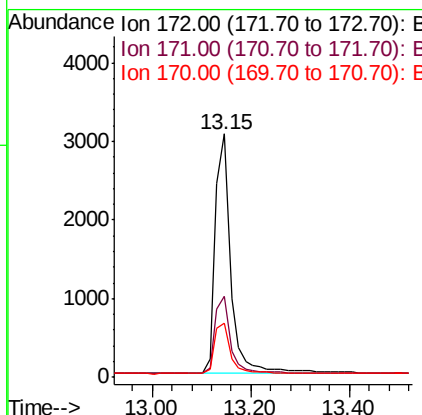
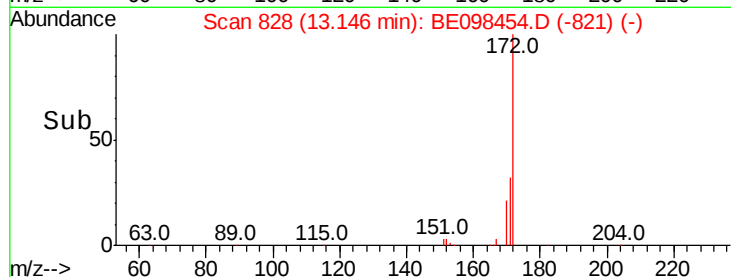
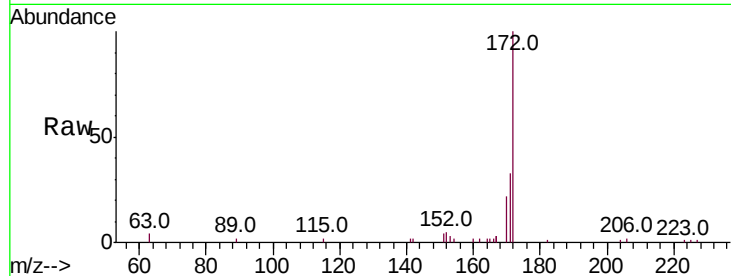
#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.0	27.5	41.3
170	22.4	19.6	29.4

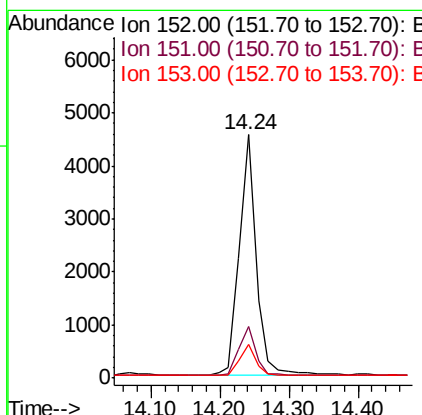
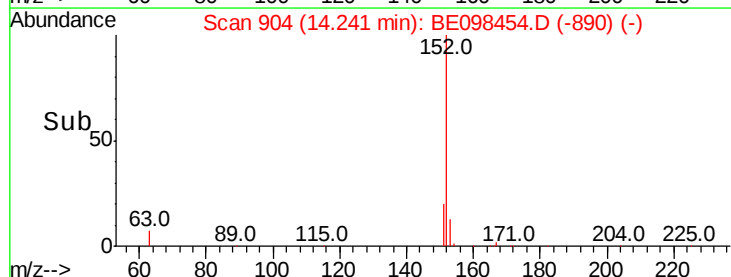
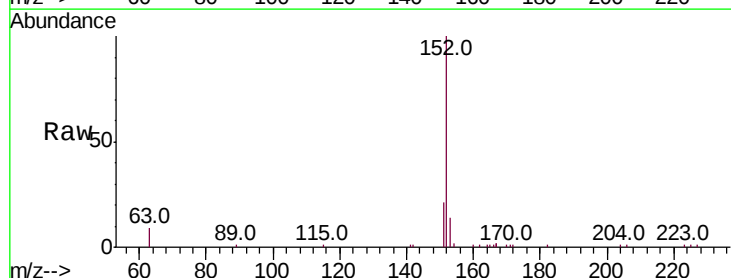
Manual Integrations
APPROVED

Sohil
12/17/2018 4:10:16 PM



#16
Acenaphthylene
Concen: 0.391 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.5	23.3
153	13.2	10.6	16.0





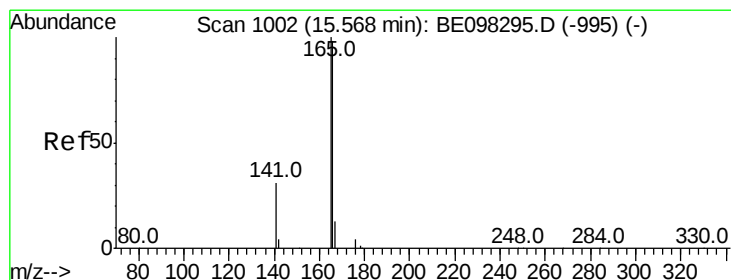
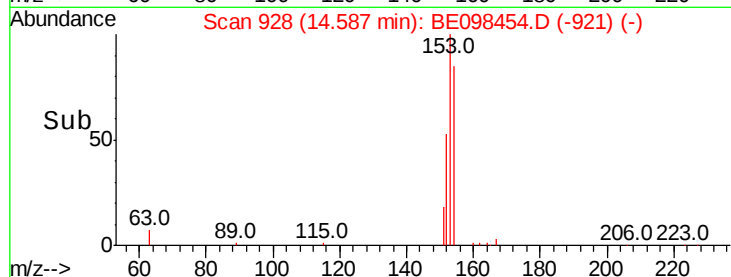
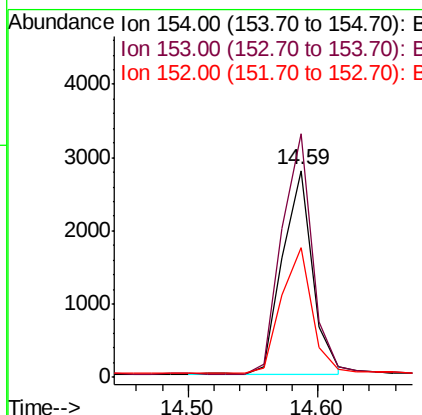
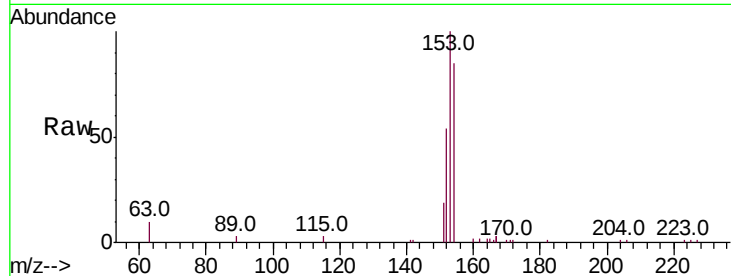
#17
Acenaphthene
Concen: 0.378 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
154	100		
153	119.2	91.8	137.6
152	62.5	45.5	68.3

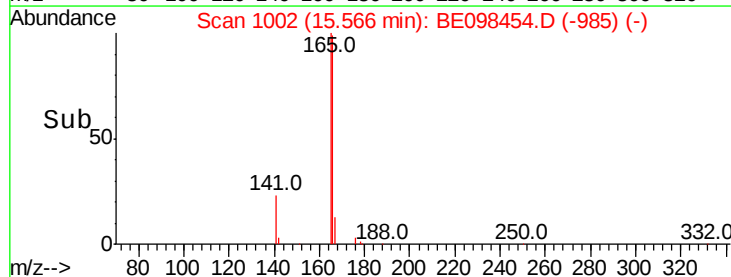
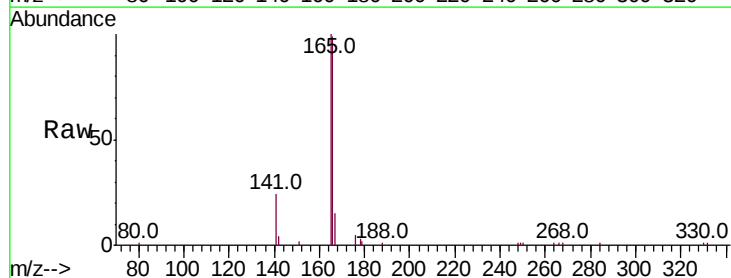
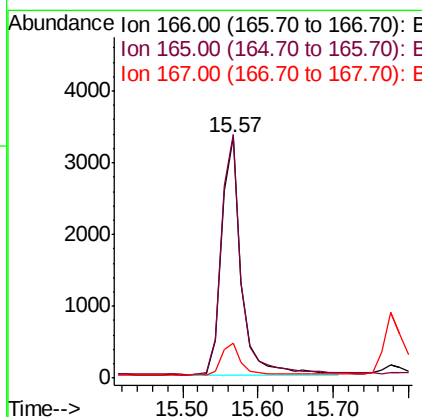
Manual Integrations
APPROVED

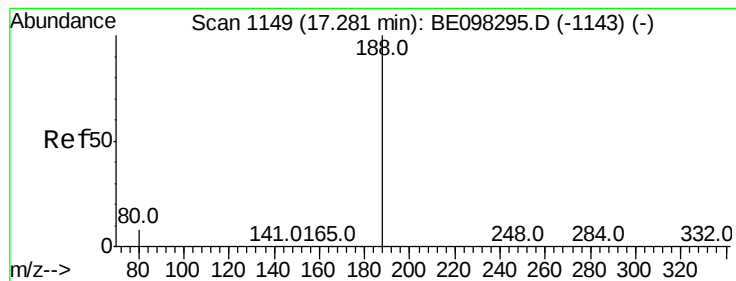
Sohil
12/17/2018 4:10:16 PM



#18
Fluorene
Concen: 0.384 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.8	79.3	118.9
167	13.4	11.3	16.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

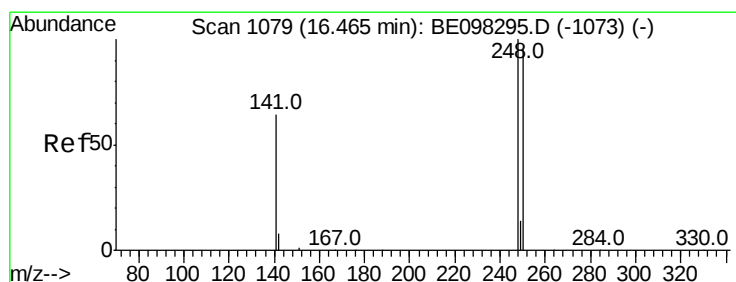
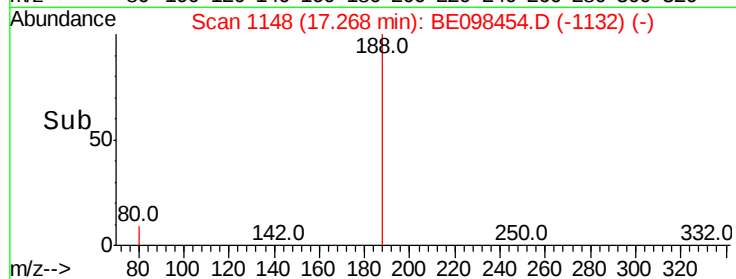
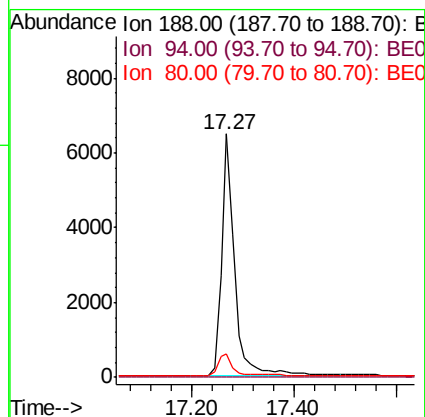
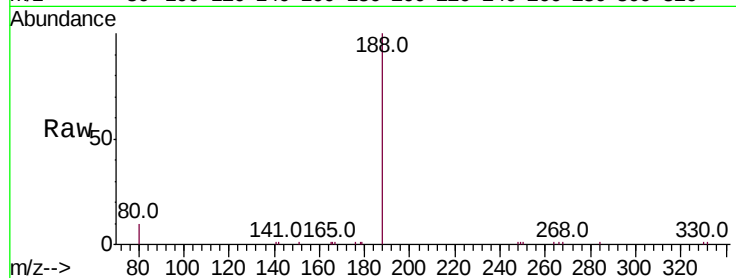
ClientSampleId :

SSTDCCC0.4

Tot Ion:	188	Resp:	11302
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.6	7.2	10.8

Manual Integrations
APPROVED

Sohil
12/17/2018 4:10:16 PM



#20

4-Bromophenyl-phenylether

Concen: 0.371 ng

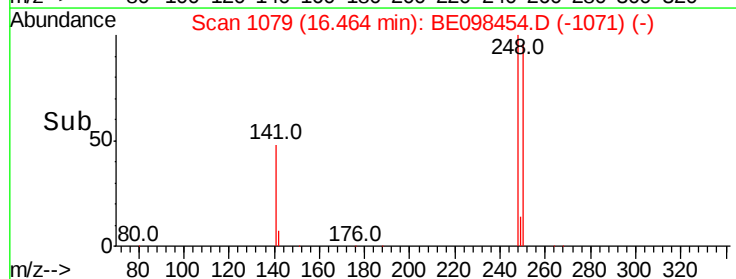
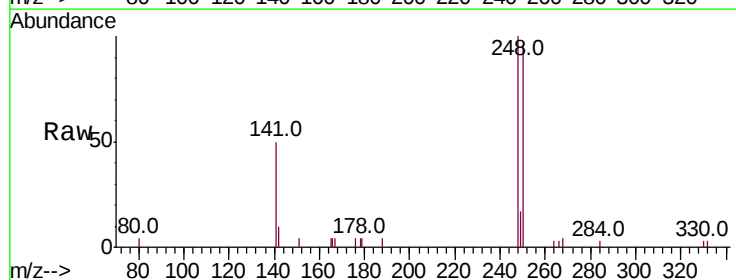
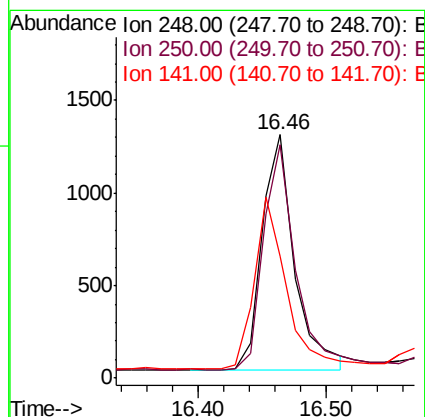
RT: 16.46 min Scan# 1079

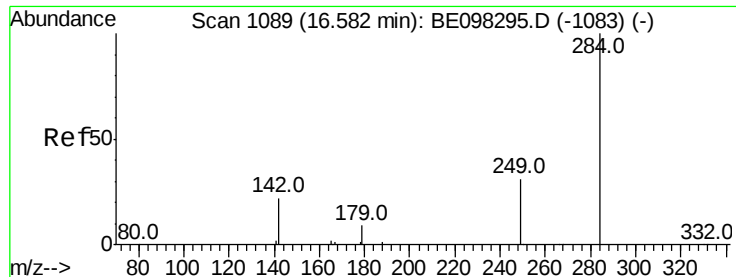
Delta R.T. -0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Tgt Ion:	248	Resp:	2255
Ion Ratio	Lower	Upper	
248	100		
250	96.0	71.0	106.6
141	50.0	62.1	93.1#





#21

Hexachlorobenzene

Concen: 0.389 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

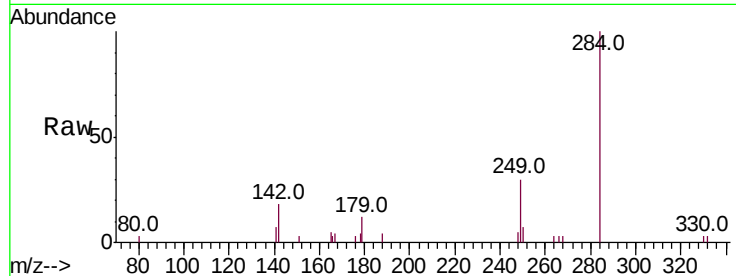
ClientSampleId :

SSTDCCC0.4

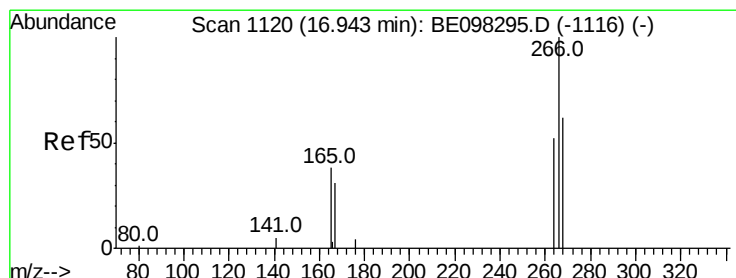
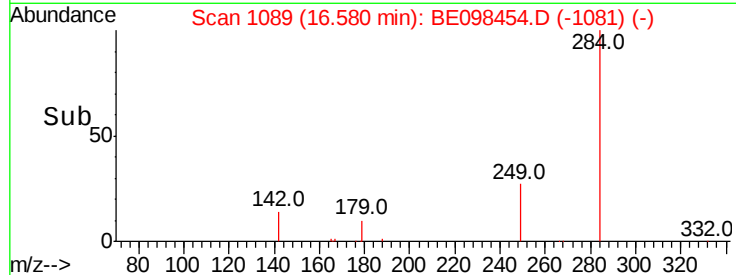
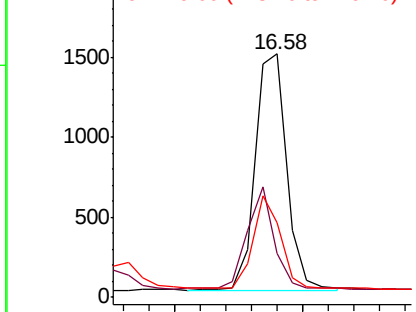
Tot Ion:	284	Resp:	2542
Ion Ratio	Lower	Upper	
284	100		
142	35.3	26.3	39.5
249	34.1	26.0	39.0

Manual Integrations
APPROVED

Sohil
12/17/2018 4:10:16 PM



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: 0.553 ng

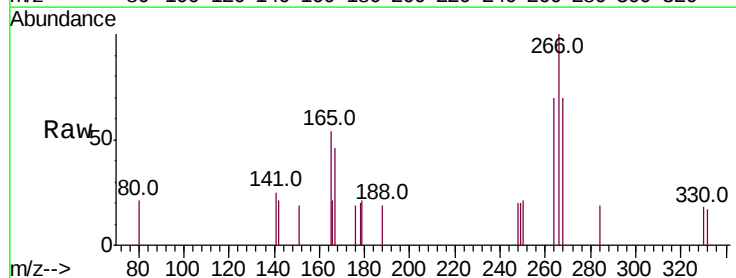
RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

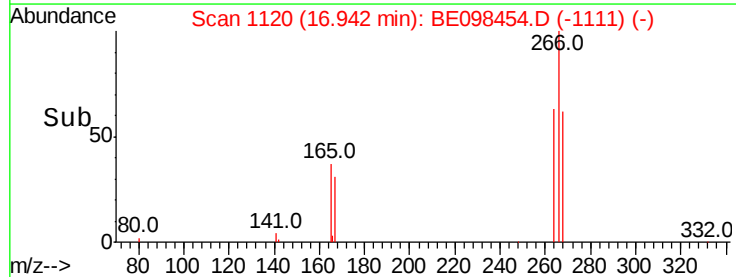
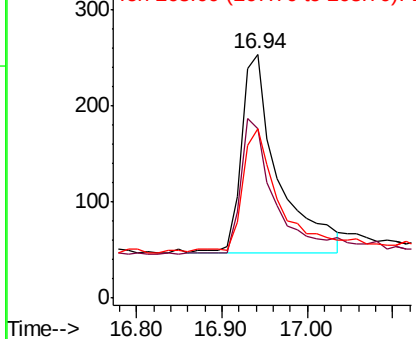
Lab File: BE098454.D

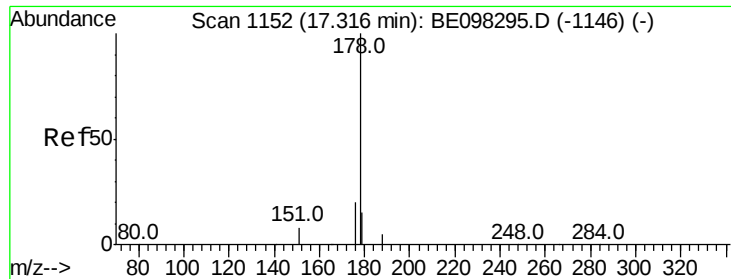
Acq: 15 Dec 2018 3:41

Tgt Ion:	266	Resp:	614
Ion Ratio	Lower	Upper	
266	100		
264	69.6	59.0	88.4
268	69.6	55.1	82.7



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





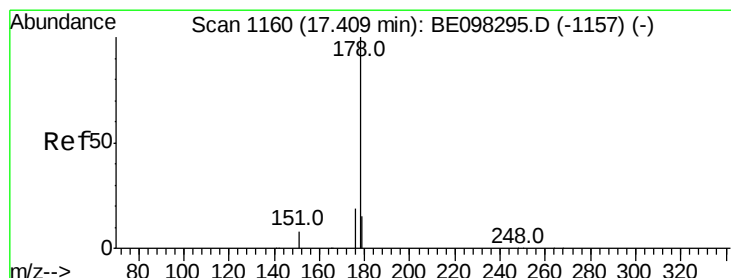
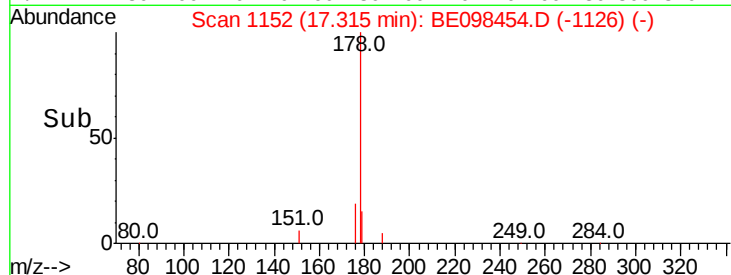
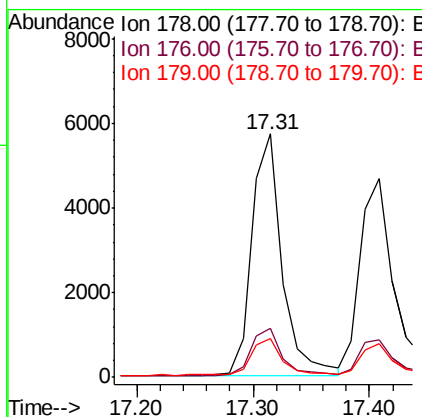
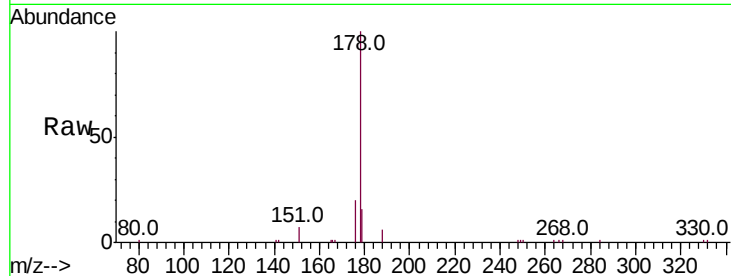
#23
Phenanthrene
Concen: 0.376 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.5	12.3	18.5

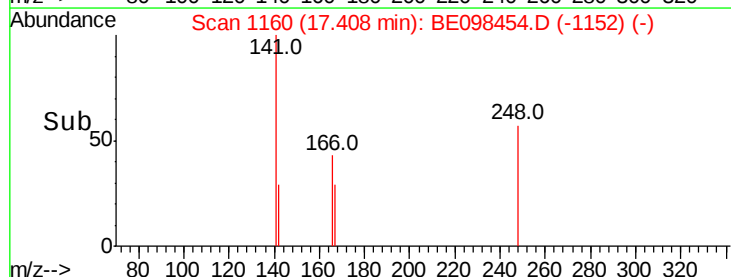
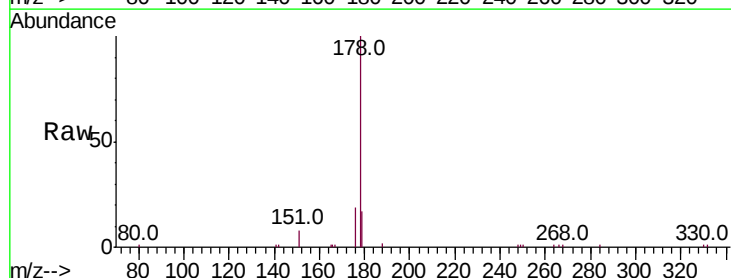
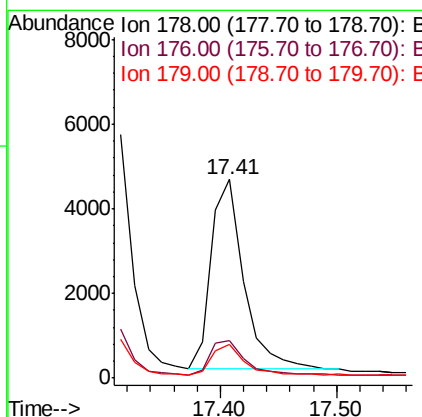
Manual Integrations
APPROVED

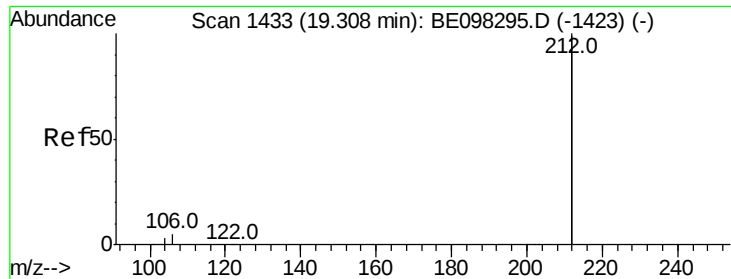
Sohil
12/17/2018 4:10:16 PM



#24
Anthracene
Concen: 0.356 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.3	12.3	18.5





#25

Fluoranthene-d10

Concen: 0.382 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

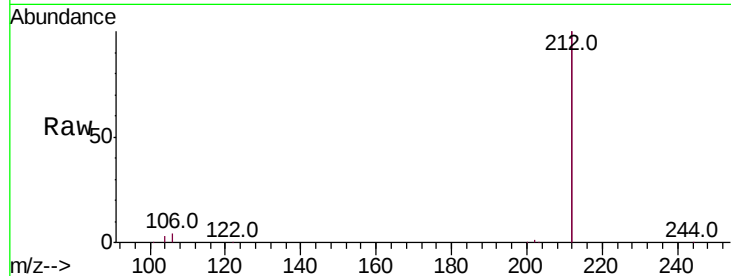
ClientSampleId :

SSTDCCC0.4

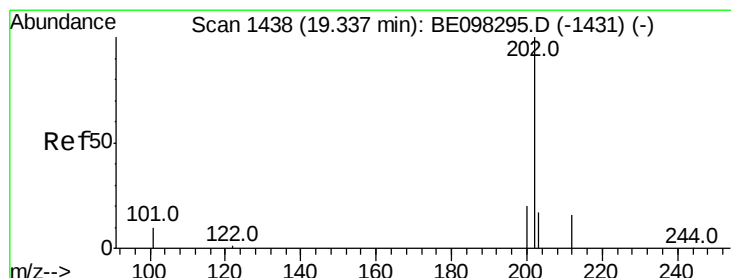
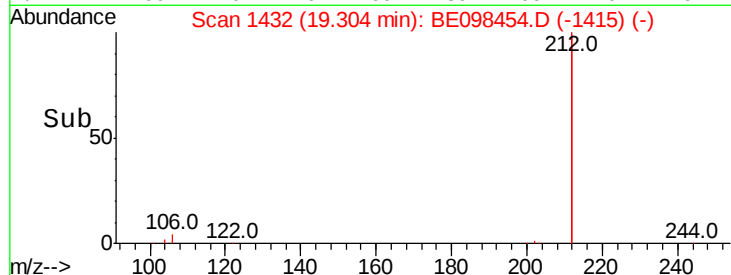
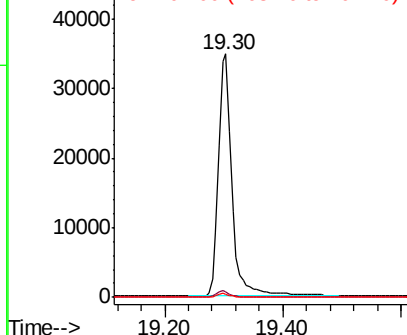
Tot Ion:	212	Resp:	55317
Ion Ratio	Lower	Upper	
212	100		
106	2.4	2.2	3.2
104	1.4	1.3	1.9

Manual Integrations
APPROVED

Sohil
12/17/2018 4:10:16 PM



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.388 ng

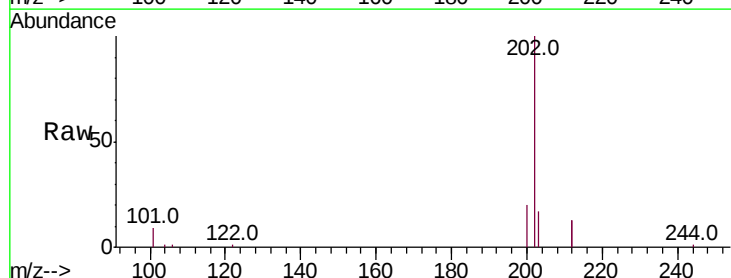
RT: 19.33 min Scan# 1437

Delta R.T. -0.00 min

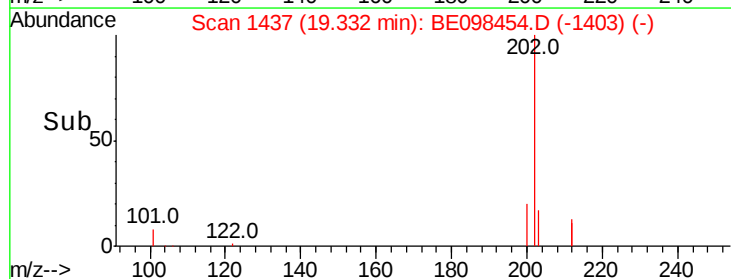
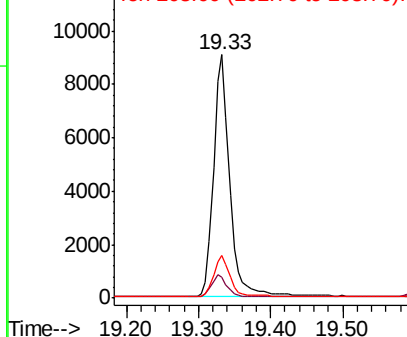
Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Tgt Ion:	202	Resp:	14090
Ion Ratio	Lower	Upper	
202	100		
101	9.2	8.0	12.0
203	16.7	13.8	20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





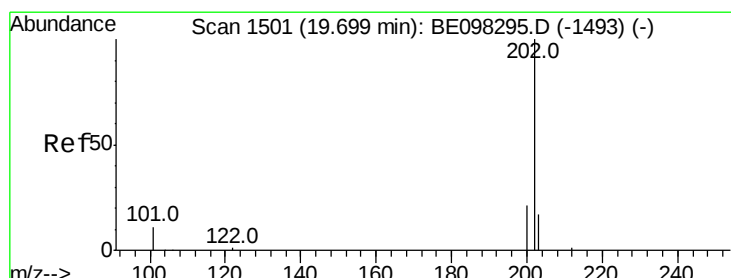
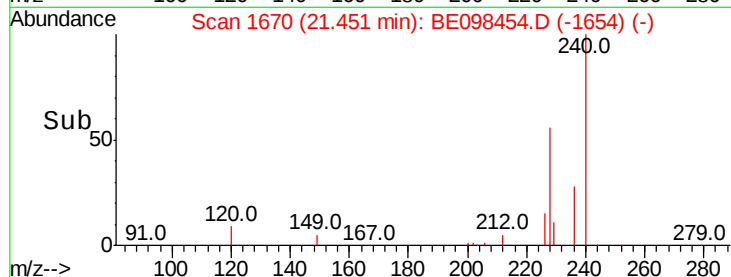
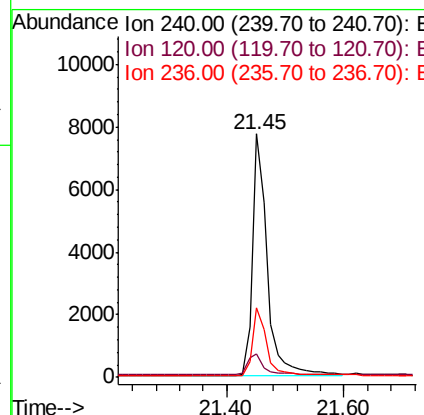
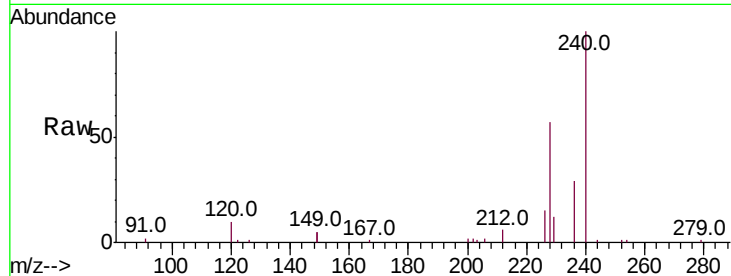
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.5	14.3
236	28.5	22.7	34.1

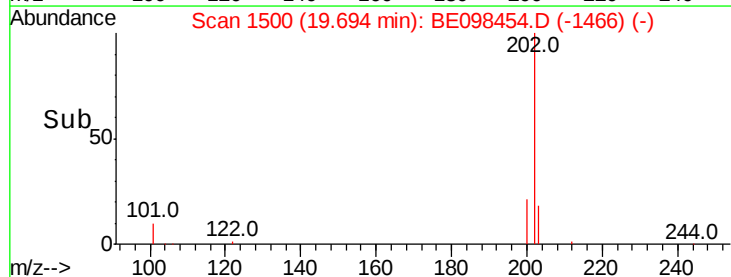
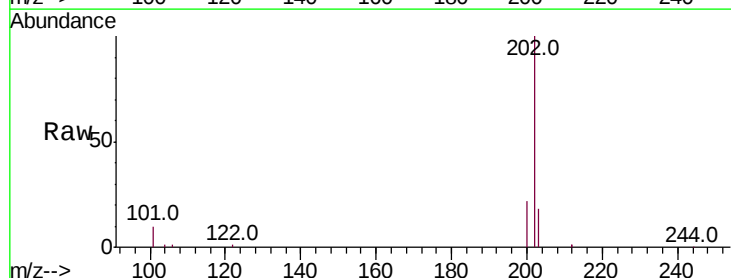
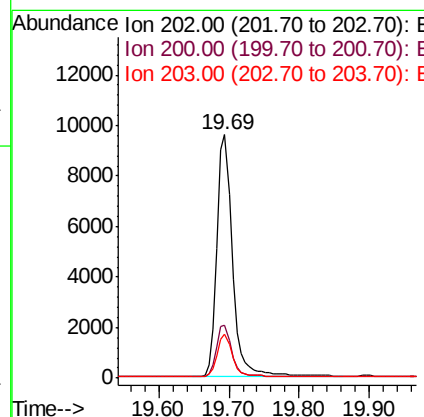
Manual Integrations
APPROVED

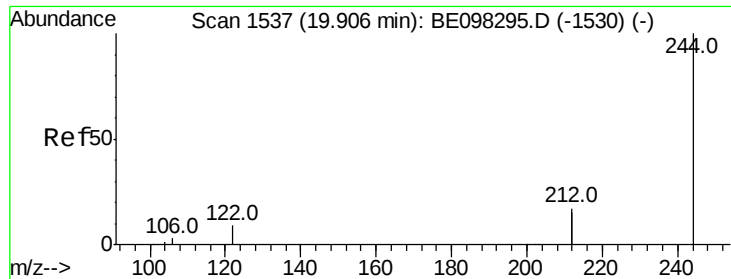
Sohil
12/17/2018 4:10:16 PM



#28
Pyrene
Concen: 0.346 ng
RT: 19.69 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	17.4	14.1	21.1





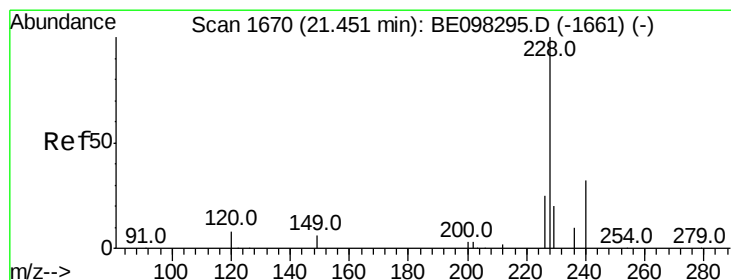
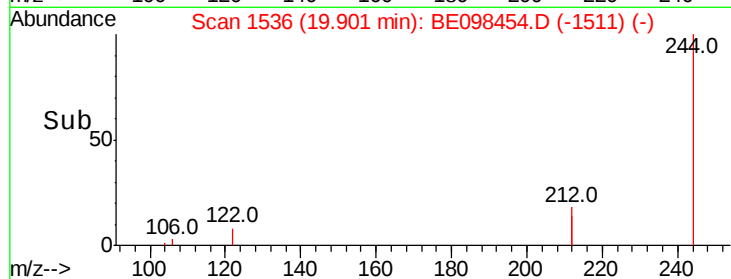
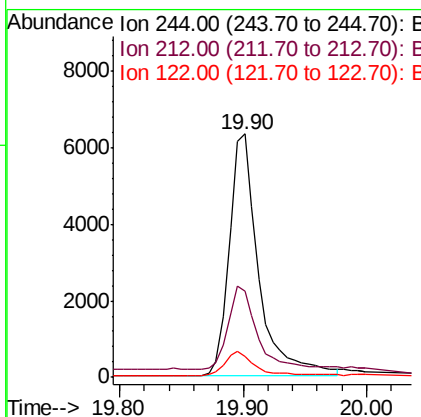
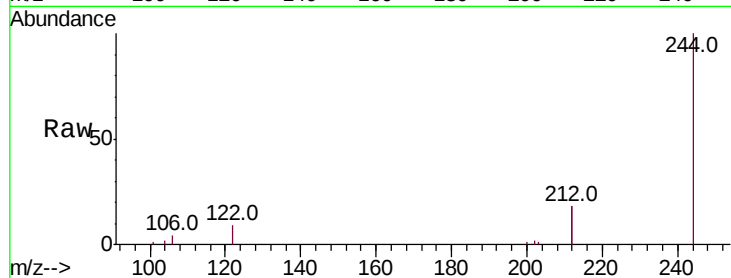
#29
 Terphenyl-d14
 Concen: 0.316 ng
 RT: 19.90 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BE098454.D
 Acq: 15 Dec 2018 3:41

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
244	100		
212	35.5	27.4	41.0
122	8.6	8.3	12.5

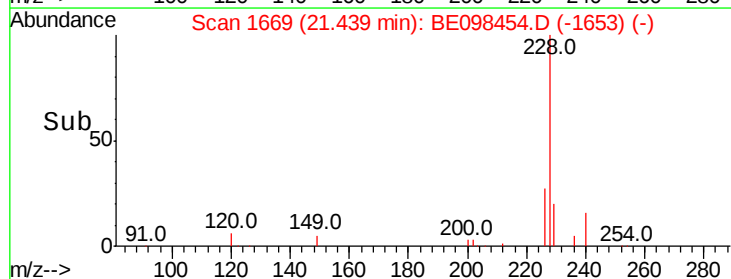
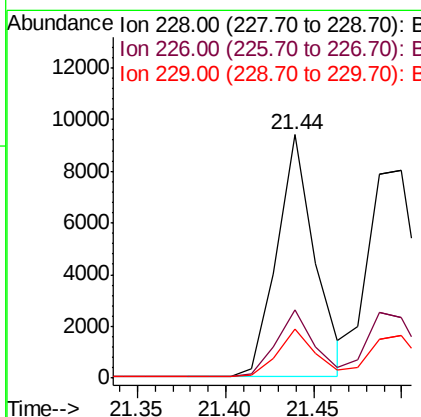
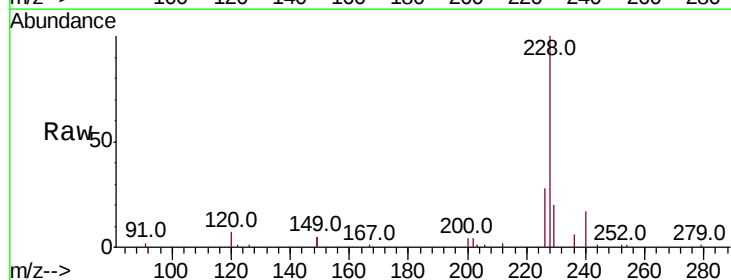
Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:10:16 PM



#30
 Benzo(a)anthracene
 Concen: 0.363 ng
 RT: 21.44 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BE098454.D
 Acq: 15 Dec 2018 3:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	20.2	16.3	24.5





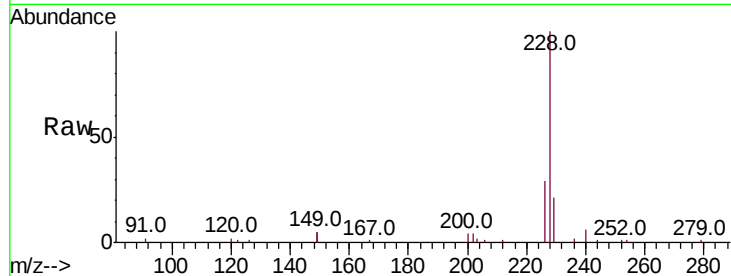
#31
Chrysene
Concen: 0.381 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.0
229	20.7	16.2	24.4

Manual Integrations
APPROVED

Sohil
12/17/2018 4:10:16 PM

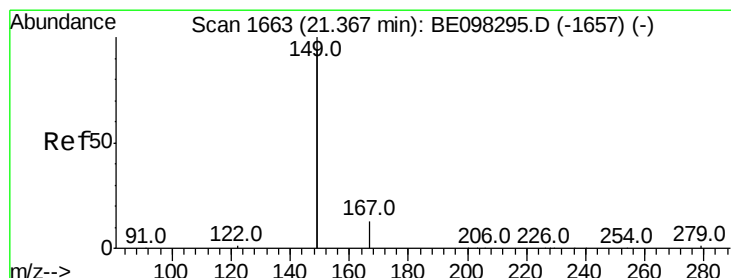
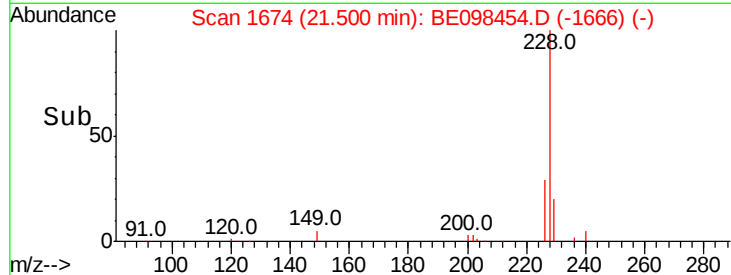
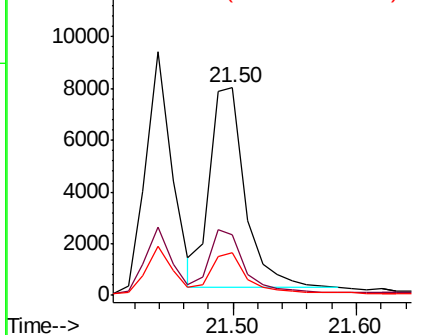


Abundance

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



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.367 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

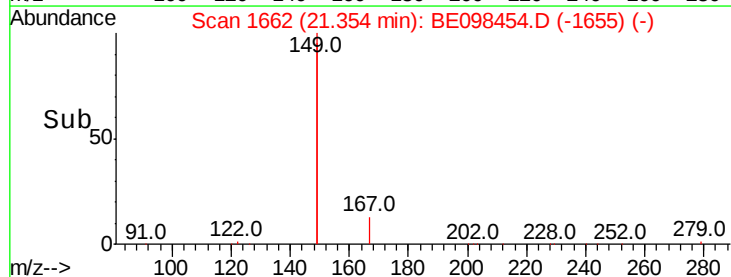
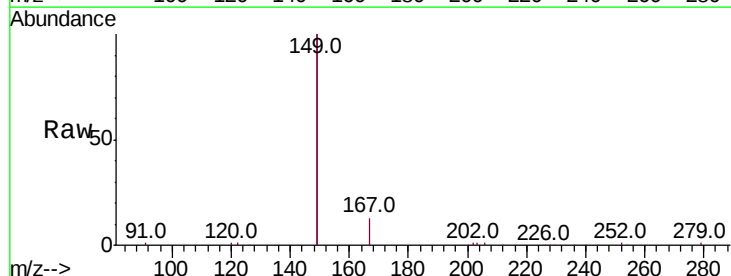
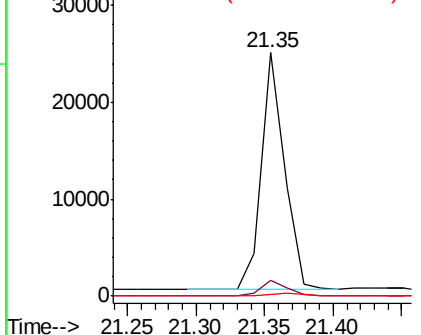
Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.7	8.5
279	1.2	1.0	1.4

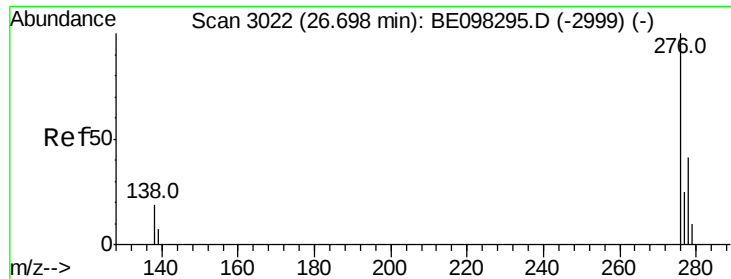
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





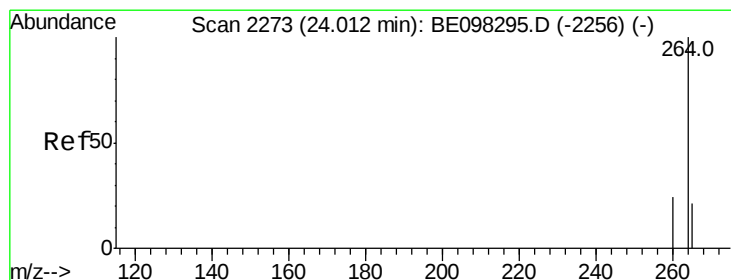
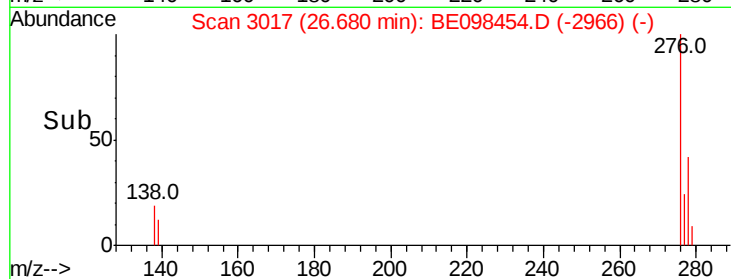
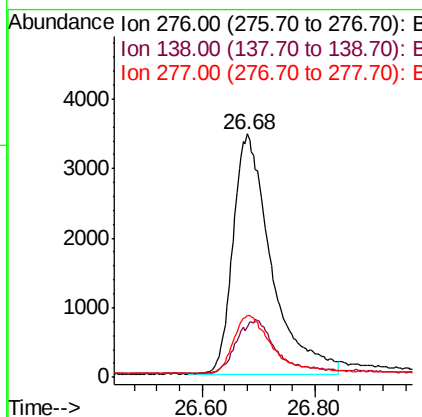
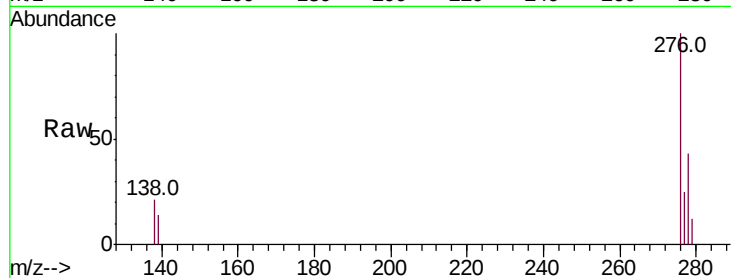
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.400 ng
 RT: 26.68 min Scan# 3017
 Delta R.T. -0.02 min
 Lab File: BE098454.D
 Acq: 15 Dec 2018 3:41

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.1	16.3	24.5
277	25.2	20.2	30.4

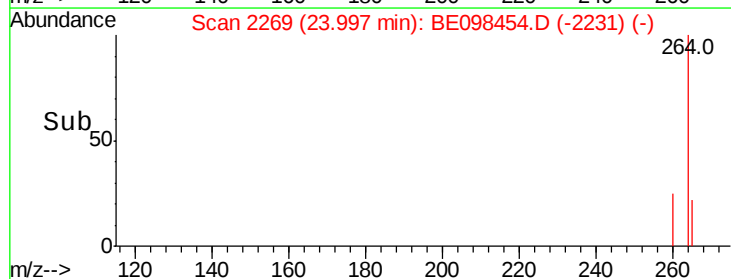
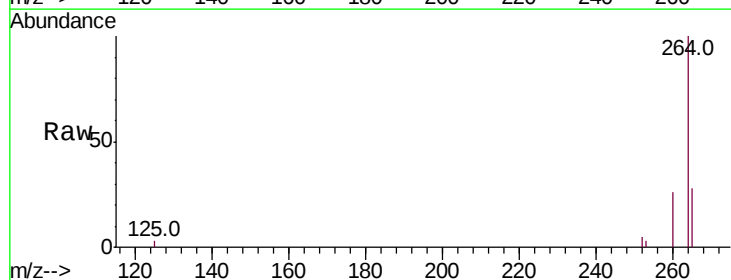
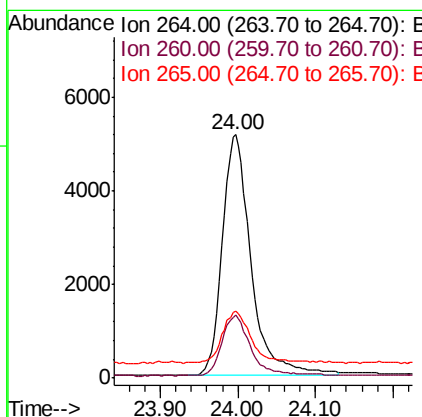
Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:10:16 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2269
 Delta R.T. -0.02 min
 Lab File: BE098454.D
 Acq: 15 Dec 2018 3:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.2	30.2
265	27.6	25.2	37.8





#35

Benzo(b)fluoranthene

Concen: 0.387 ng

RT: 23.22 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

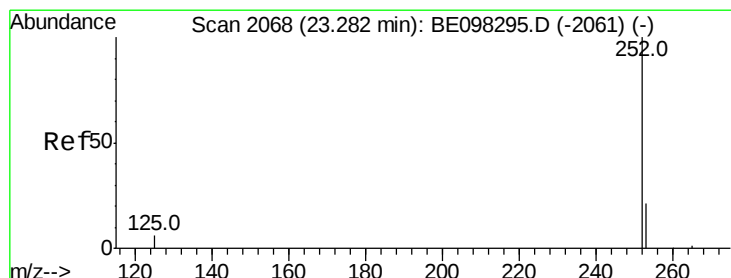
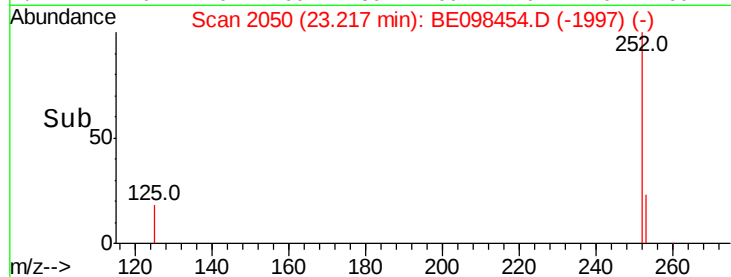
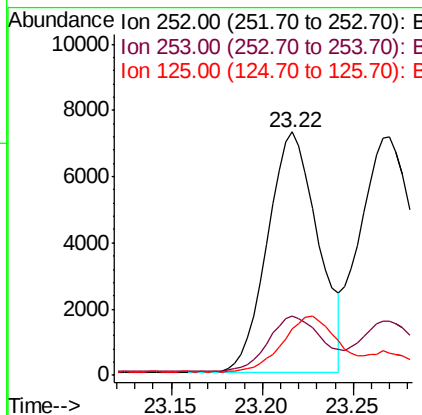
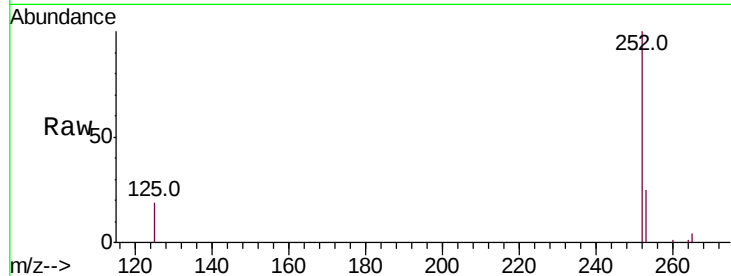
ClientSampleId :

SSTDCCC0.4

Tot Ion:	252	Resp:	14020
Ion Ratio	Lower	Upper	
252	100		
253	24.6	20.0	30.0
125	19.3	9.6	14.4

Manual Integrations
APPROVED

Sohil
12/17/2018 4:10:16 PM



#36

Benzo(k)fluoranthene

Concen: 0.393 ng

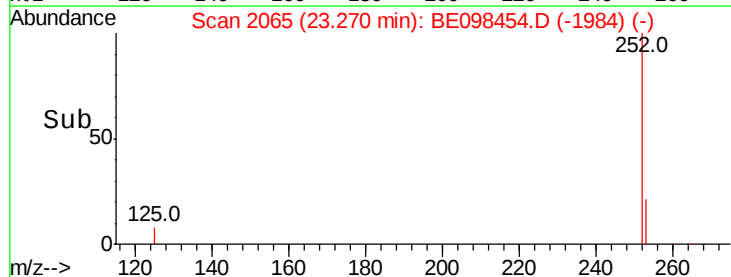
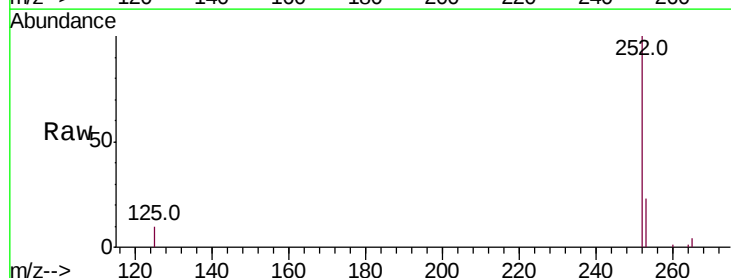
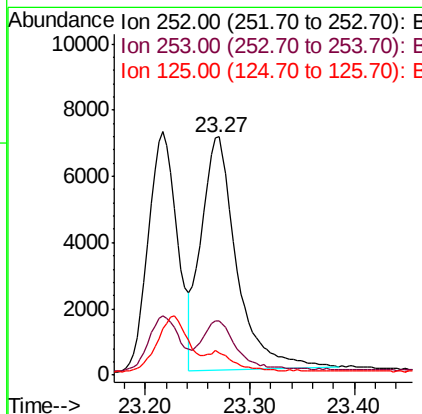
RT: 23.27 min Scan# 2065

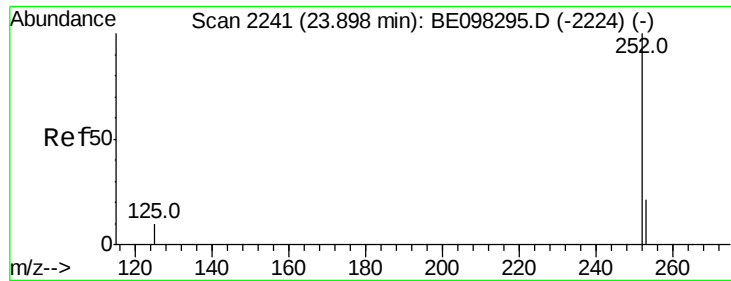
Delta R.T. -0.01 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Tgt Ion:	252	Resp:	16581
Ion Ratio	Lower	Upper	
252	100		
253	22.8	19.0	28.6
125	9.5	9.1	13.7





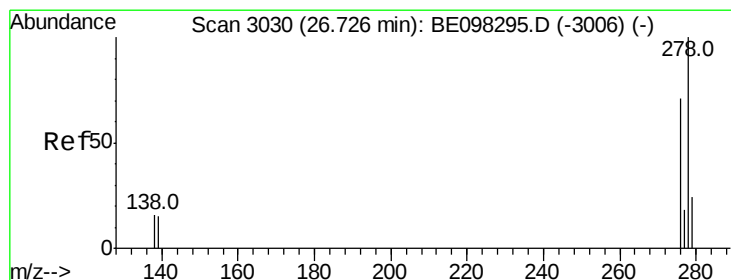
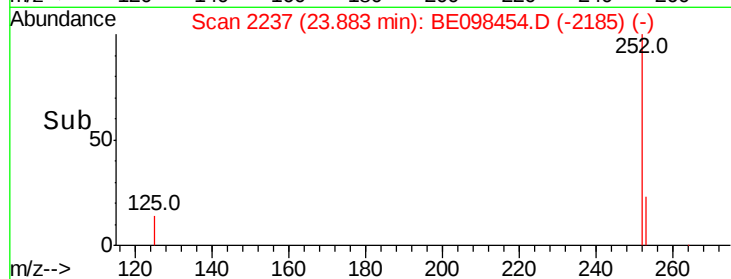
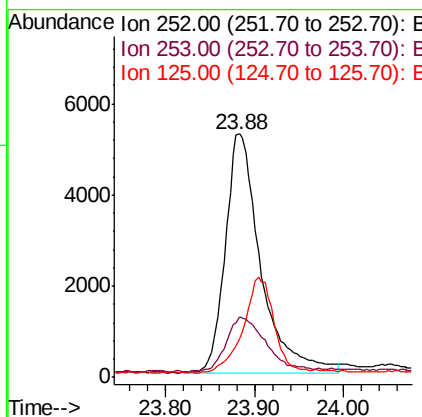
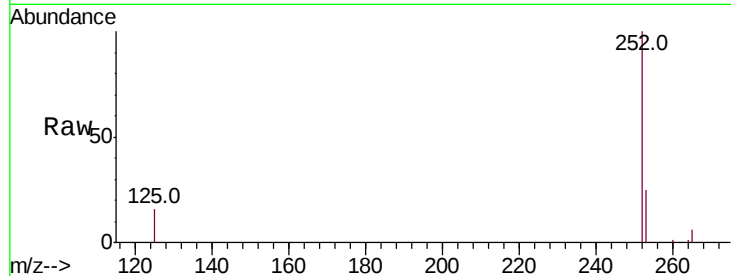
#37
Benzo(a)pyrene
Concen: 0.388 ng
RT: 23.88 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.6	30.8
125	15.7	10.5	15.7

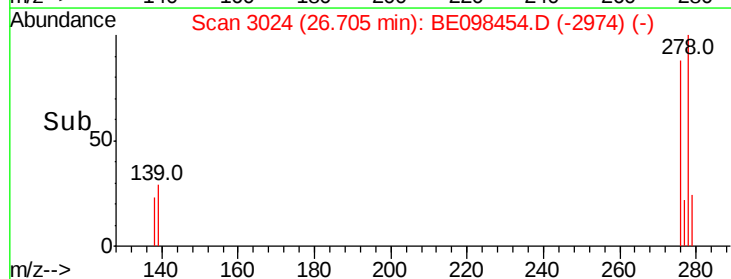
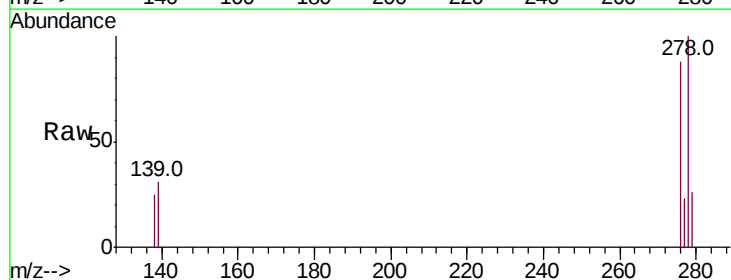
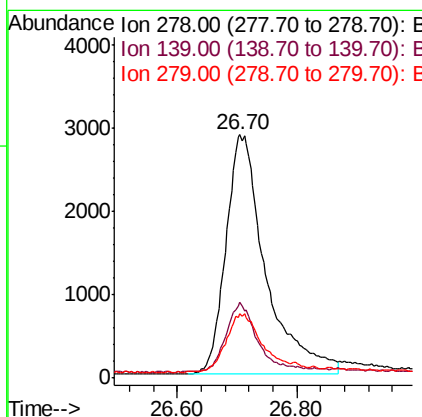
Manual Integrations
APPROVED

Sohil
12/17/2018 4:10:16 PM



#38
Dibenzo(a,h)anthracene
Concen: 0.378 ng
RT: 26.70 min Scan# 3024
Delta R.T. -0.02 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.1	14.5	21.7#
279	26.2	21.8	32.8





#39

Benzo(a,h,i)perylene

Concen: 0.377 ng

RT: 27.50 min Scan# 3248

Delta R.T. -0.02 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:	276	Resp:	13376
Ion Ratio	Lower	Upper	
276	100		
277	24.6	20.8	31.2
138	18.8	15.8	23.6

Manual Integrations
APPROVED

Sohil
12/17/2018 4:10:16 PM

