

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004884.D
 Acq On : 22 Mar 2019 11:51
 Operator : JU/SJ
 Sample : K2013-19MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-026-SW035-031819MS

Manual Integrations
 APPROVED

Sohil
 3/25/2019 8:52:40 AM

Quant Time: Mar 22 22:32:21 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 20 16:06:20 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	2193	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	10297	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	6556	0.40	ng	-0.01
19) Phenanthrene-d10	17.09	188	16406	0.40	ng	0.00
27) Chrysene-d12	21.29	240	22185	0.40	ng	0.00
34) Perylene-d12	23.54	264	23301	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.29	112	1860	0.31	ng	0.00
5) Phenol-d6	6.87	99	2560	0.34	ng	0.00
8) Nitrobenzene-d5	8.86	82	1801	0.26	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	4962m	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	1113	0.25	ng	-0.01
15) 2-Fluorobiphenyl	12.95	172	7389	0.27	ng	-0.01
25) Fluoranthene-d10	19.13	212	14821	0.27	ng	0.00
29) Terphenyl-d14	19.72	244	11771	0.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	514	0.206	ng	# 77
3) n-Nitrosodimethylamine	3.57	42	314	0.213	ng	# 72
6) bis(2-Chloroethyl)ether	7.13	93	1911	0.285	ng	98
9) Naphthalene	10.53	128	8124	0.281	ng	100
10) Hexachlorobutadiene	10.80	225	1373	0.249	ng	# 97
12) 2-Methylnaphthalene	12.15	142	6120	0.285	ng	99
16) Acenaphthylene	14.05	152	9595	0.284	ng	100
17) Acenaphthene	14.40	154	6015	0.272	ng	100
18) Fluorene	15.39	166	8177	0.265	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	2722	0.254	ng	# 88
21) Hexachlorobenzene	16.39	284	3009	0.245	ng	96
22) Pentachlorophenol	16.75	266	1160	0.484	ng	95
23) Phenanthrene	17.13	178	17338	0.327	ng	99
24) Anthracene	17.22	178	13131	0.278	ng	100
26) Fluoranthene	19.16	202	22740	0.334	ng	99
28) Pyrene	19.52	202	24066	0.356	ng	99
30) Benzo(a)anthracene	21.27	228	22692	0.312	ng	97
31) Chrysene	21.32	228	22601	0.295	ng	98
32) Bis(2-ethylhexyl)phthalate	21.18	149	11443	0.394	ng	99
33) Indeno(1,2,3-cd)pyrene	25.81	276	23786	0.215	ng	98
35) Benzo(b)fluoranthene	22.86	252	24539m	0.291	ng	
36) Benzo(k)fluoranthene	22.91	252	22766	0.275	ng	# 98
37) Benzo(a)pyrene	23.45	252	22251	0.288	ng	98
38) Dibenzo(a,h)anthracene	25.82	278	18900	0.211	ng	96
39) Benzo(g,h,i)perylene	26.51	276	20081	0.220	ng	98

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

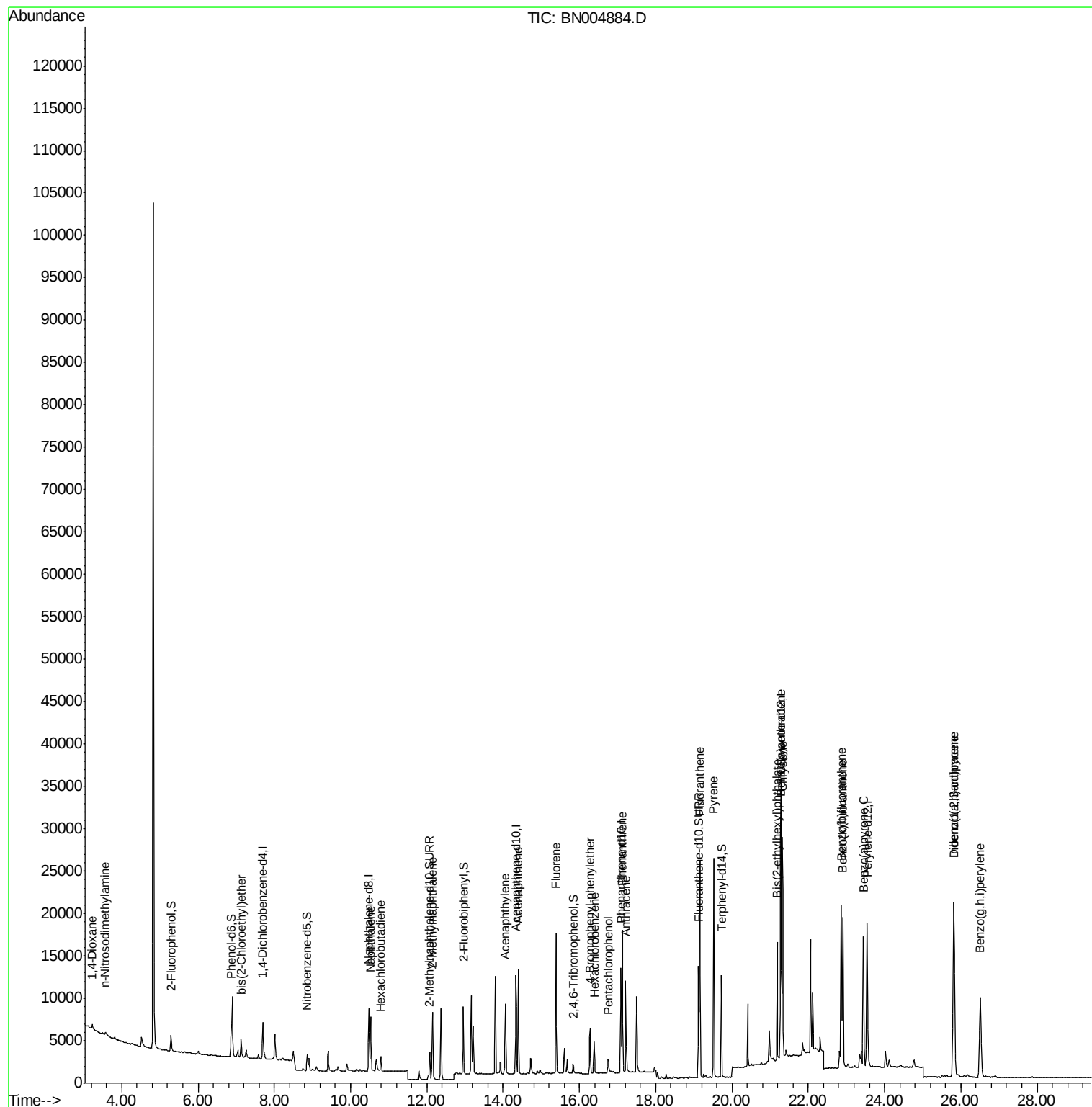
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
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ALS Vial : 28 Sample Multiplier: 1

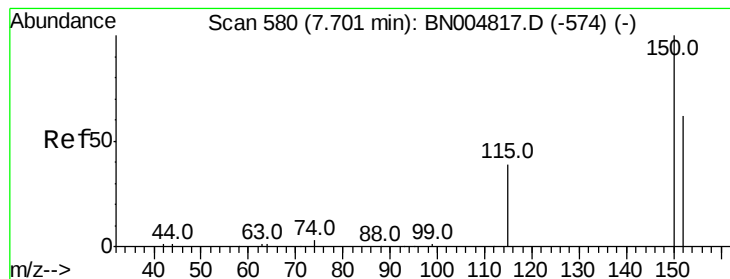
Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MS

Manual Integrations
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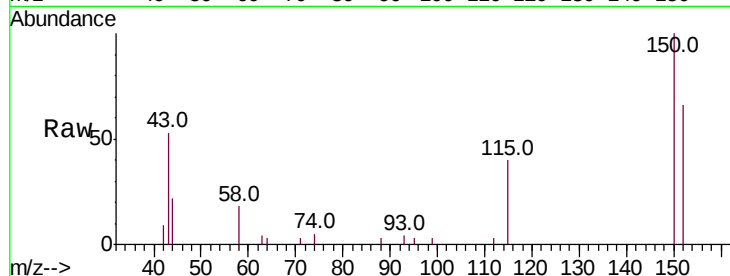
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.70 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BN004884.D
 Acq: 22 Mar 2019 11:51

Instrument :
 BNA_N
 ClientSampleId :
 PST-026-SW035-031819MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	126.2	189.4
115	61.0	52.6	79.0

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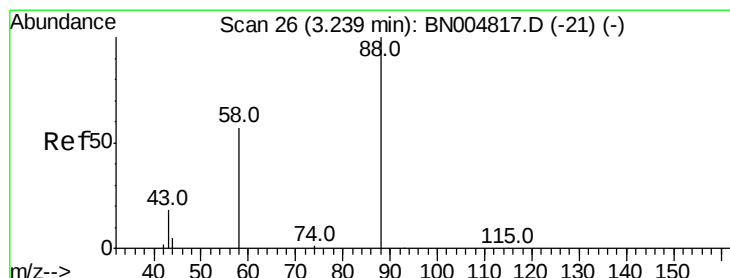
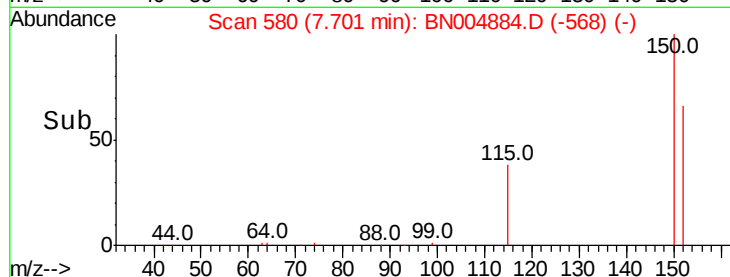
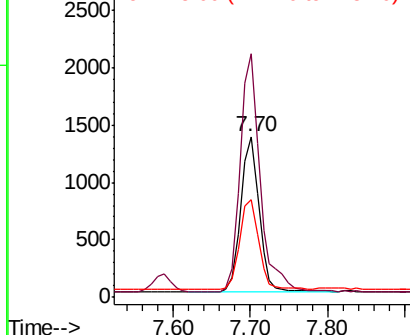


Abundance

Ion 152.00 (151.70 to 152.70): E

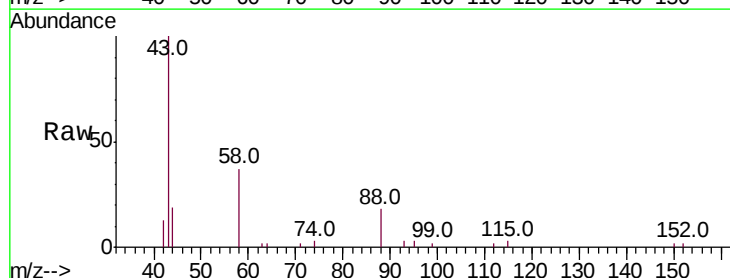
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 0.206 ng
 RT: 3.23 min Scan# 25
 Delta R.T. -0.01 min
 Lab File: BN004884.D
 Acq: 22 Mar 2019 11:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.5	51.4	77.2
43	0.0	20.0	30.0

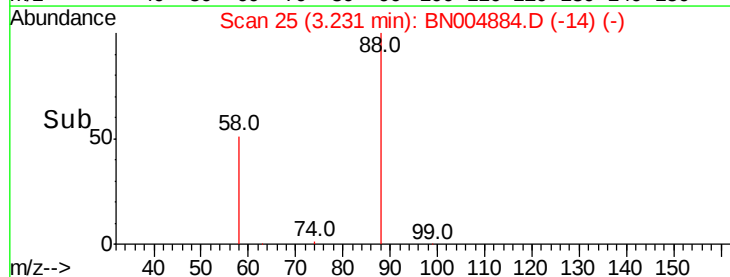
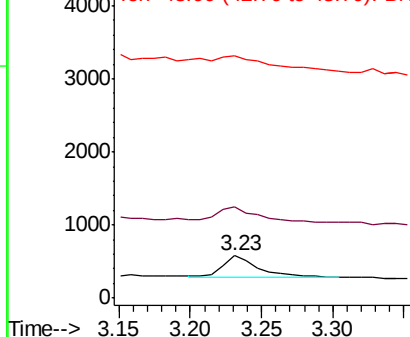


Abundance

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: 0.213 ng

RT: 3.57 min Scan# 67

Delta R.T. -0.01 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Instrument :

BNA_N

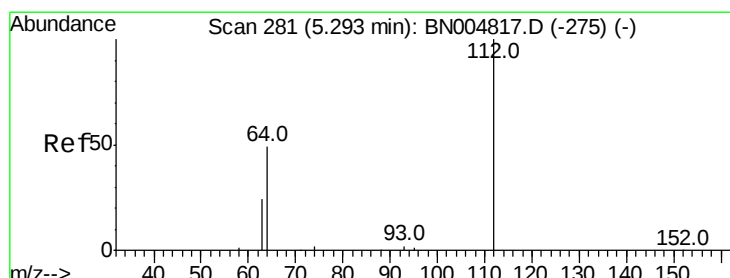
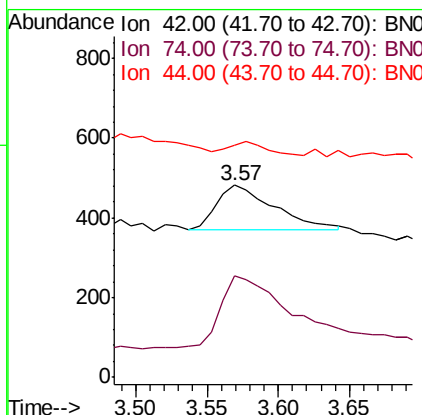
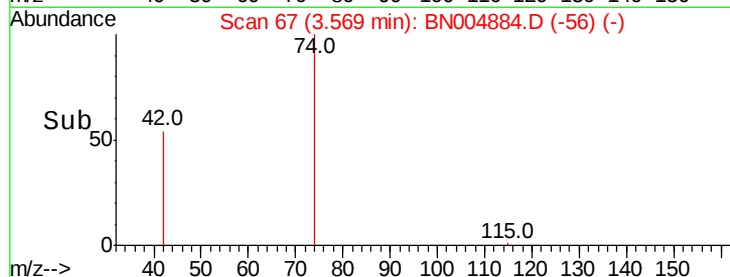
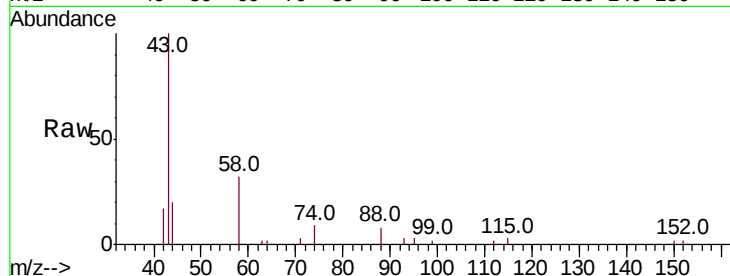
ClientSampleId :

PST-026-SW035-031819MS

Tot Ion:	42	Resp:	314
Ion Ratio	Lower	Upper	
42	100		
74	197.1	128.4	192.6#
44	20.1	6.1	9.1#

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#4

2-Fluorophenol

Concen: 0.312 ng

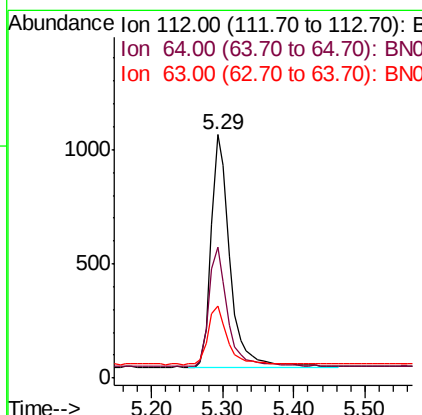
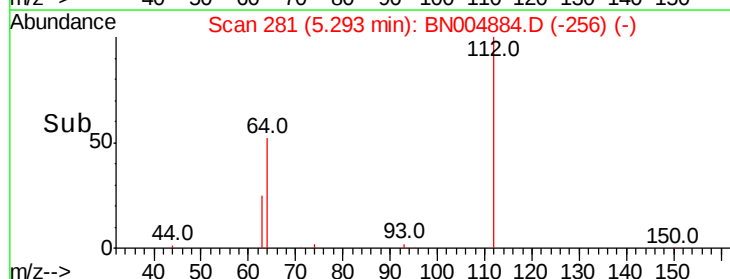
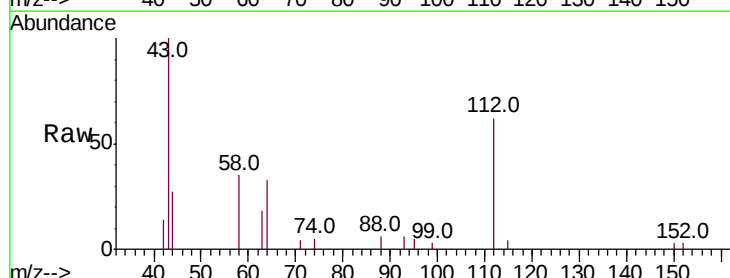
RT: 5.29 min Scan# 281

Delta R.T. 0.00 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Tgt Ion:	112	Resp:	1860
Ion Ratio	Lower	Upper	
112	100		
64	50.7	40.0	60.0
63	25.6	20.2	30.2





#5

Phenol-d6

Concen: 0.345 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Instrument :

BNA_N

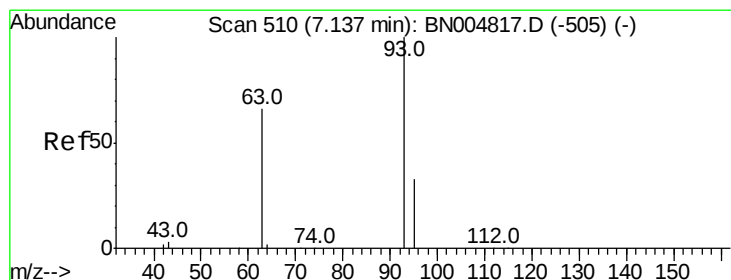
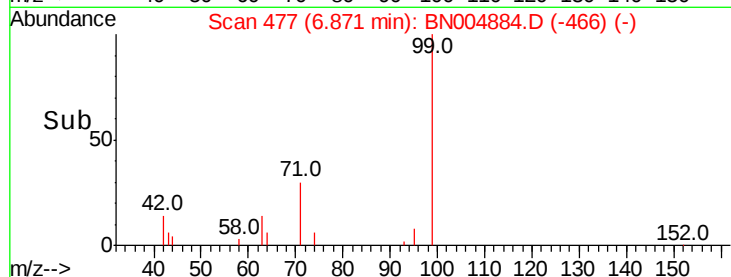
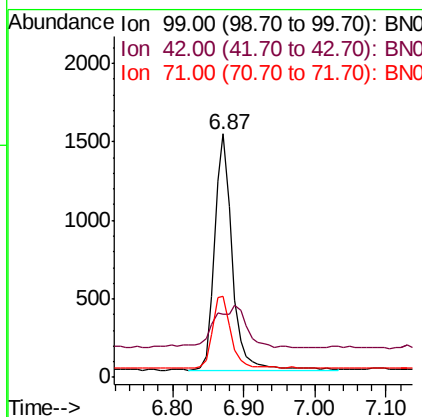
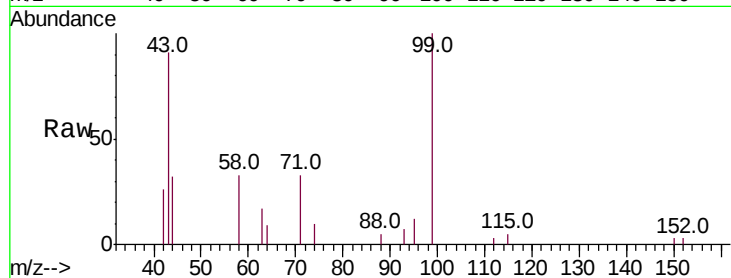
ClientSampleId :

PST-026-SW035-031819MS

Tot Ion:	99	Resp:	2560
Ion	Ratio	Lower	Upper
99	100		
42	30.4	12.7	19.1#
71	31.8	26.6	40.0

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#6

bis(2-Chloroethyl)ether

Concen: 0.285 ng

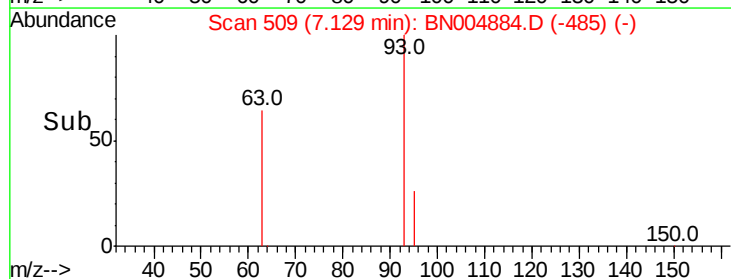
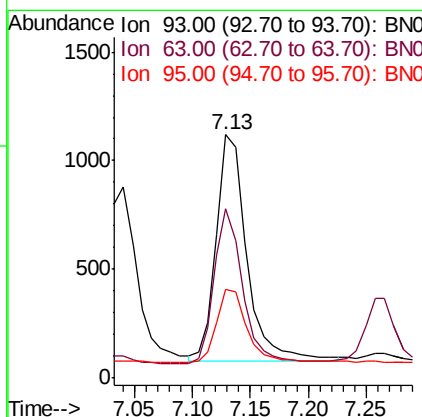
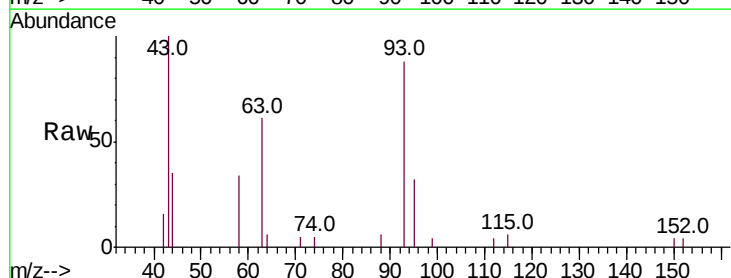
RT: 7.13 min Scan# 509

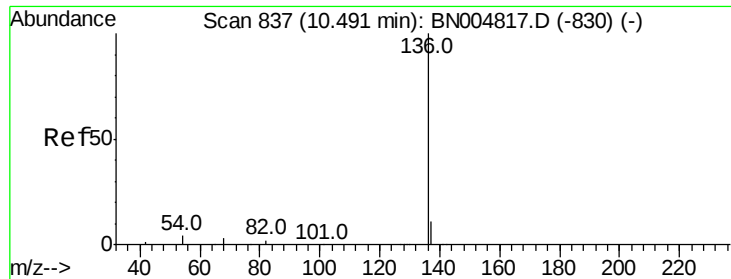
Delta R.T. -0.01 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Tgt Ion:	93	Resp:	1911
Ion	Ratio	Lower	Upper
93	100		
63	64.3	52.6	78.8
95	32.9	25.9	38.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Instrument :

BNA_N

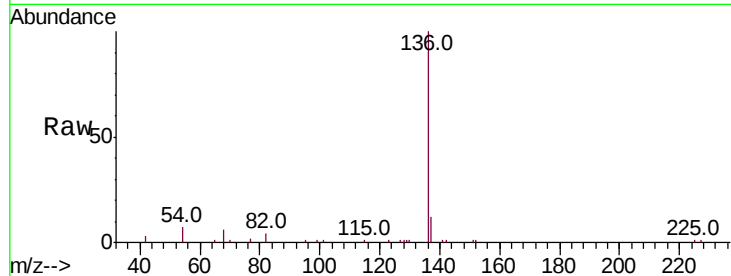
ClientSampleId :

PST-026-SW035-031819MS

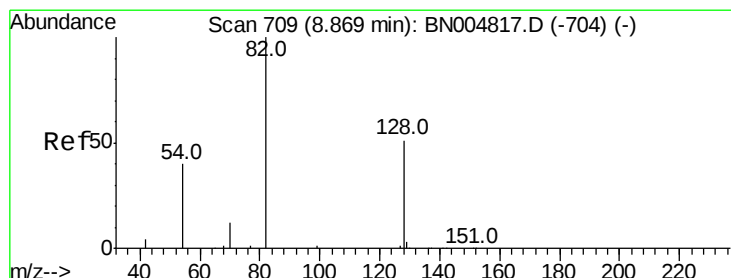
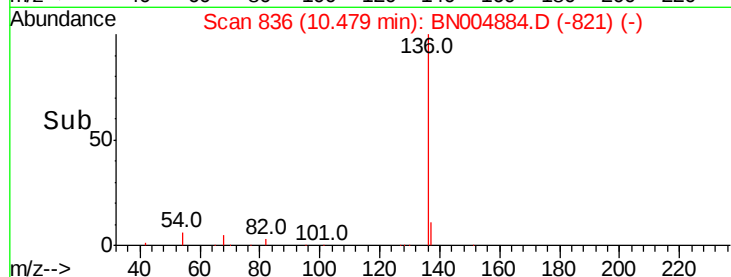
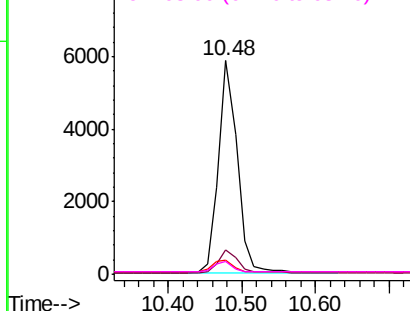
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	6.8	4.2	6.2
68	5.8	3.9	5.9

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.264 ng

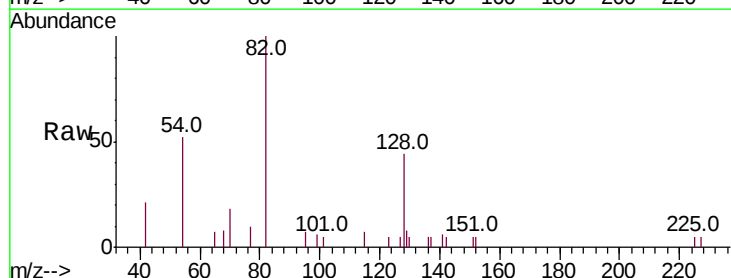
RT: 8.86 min Scan# 708

Delta R.T. -0.01 min

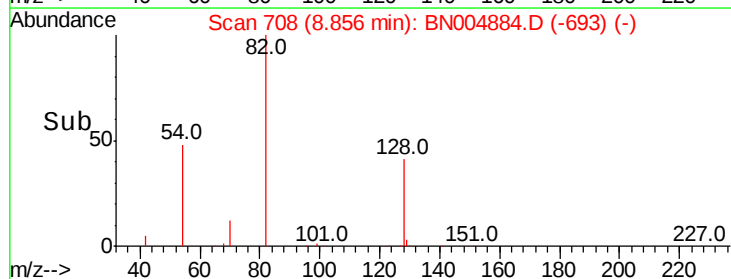
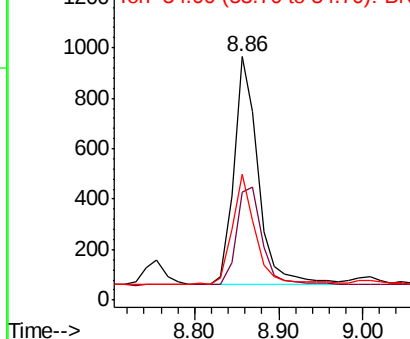
Lab File: BN004884.D

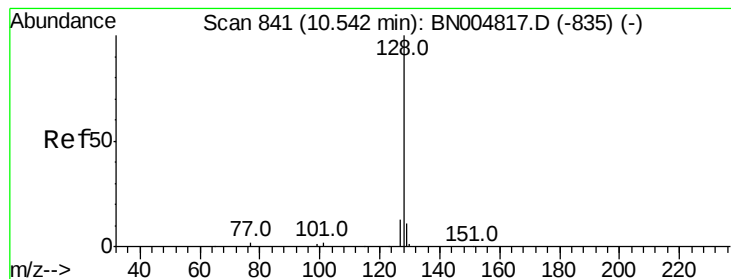
Acq: 22 Mar 2019 11:51

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.2	43.0	64.6
54	51.7	35.3	52.9



Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.281 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Instrument :

BNA_N

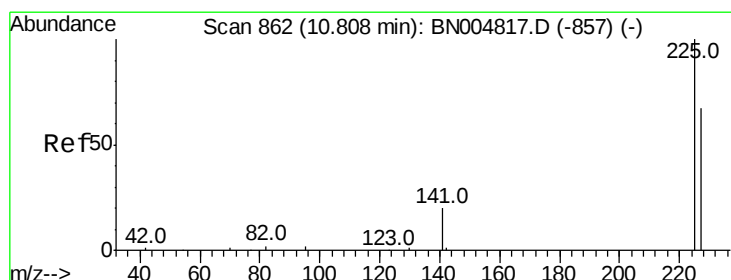
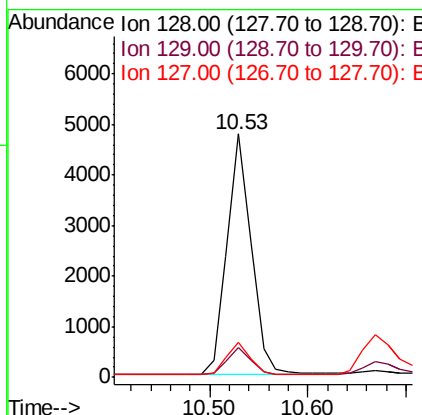
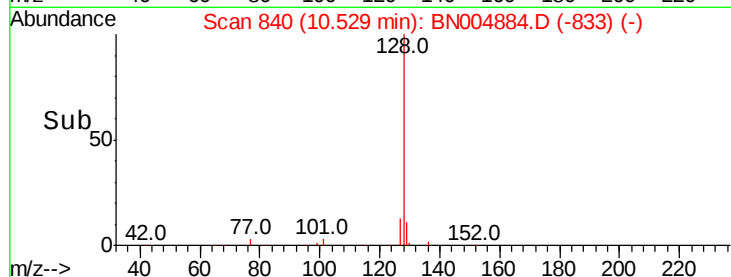
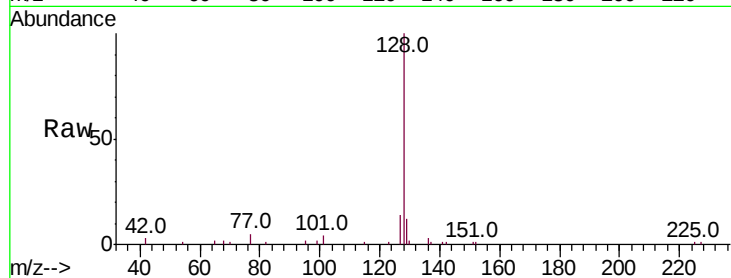
ClientSampleId :

PST-026-SW035-031819MS

Tot Ion:	128	Resp:	8124
Ion Ratio	Lower	Upper	
128	100		
129	12.2	9.9	14.9
127	14.2	11.3	16.9

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#10

Hexachlorobutadiene

Concen: 0.249 ng

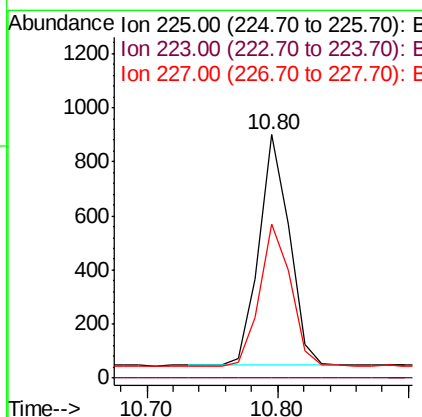
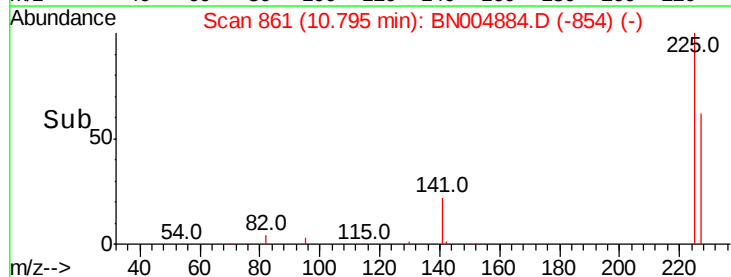
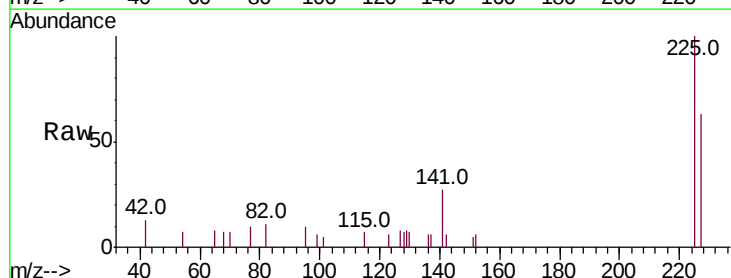
RT: 10.80 min Scan# 861

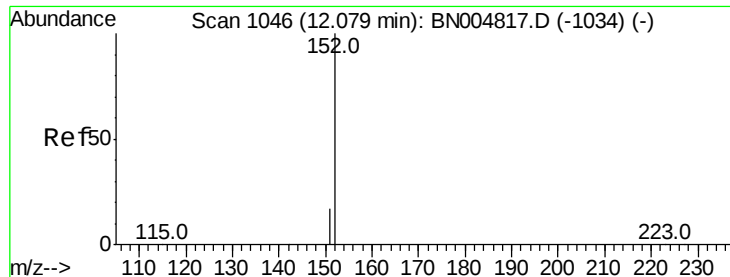
Delta R.T. -0.01 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Tgt Ion:	225	Resp:	1373
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	63.2	52.2	78.4





#11

2-Methylnaphthalene-d10

Concen: 0.276 ng m

RT: 12.07 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Instrument :

BNA_N

ClientSampleId :

PST-026-SW035-031819MS

Tot Ion:152 Resp: 4962

Ion Ratio Lower Upper

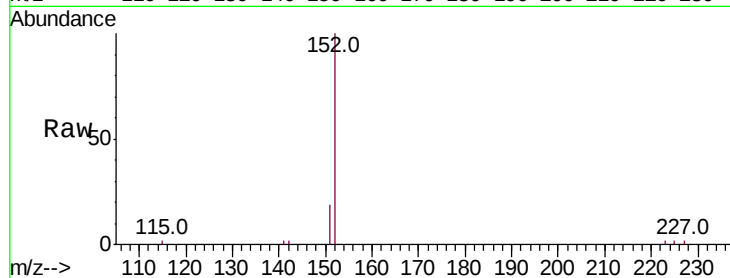
152 100

151 19.0 15.5 23.3

Manual Integrations
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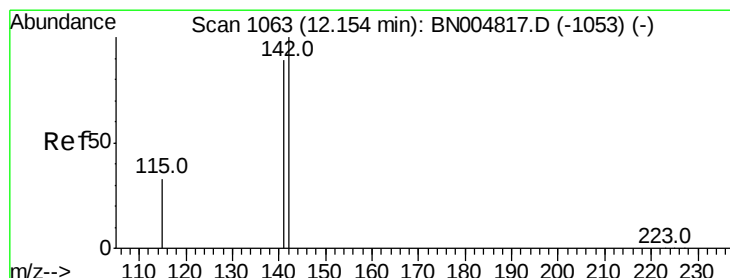
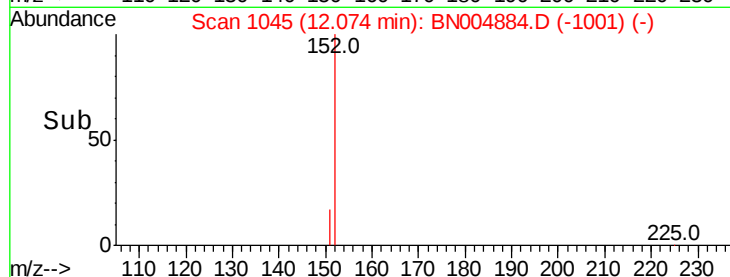
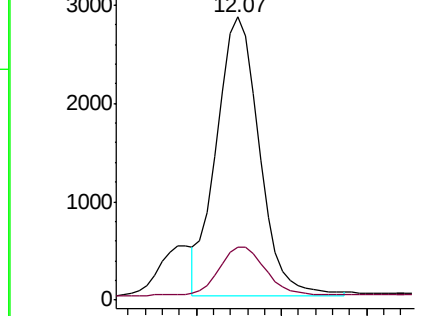
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.285 ng

RT: 12.15 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

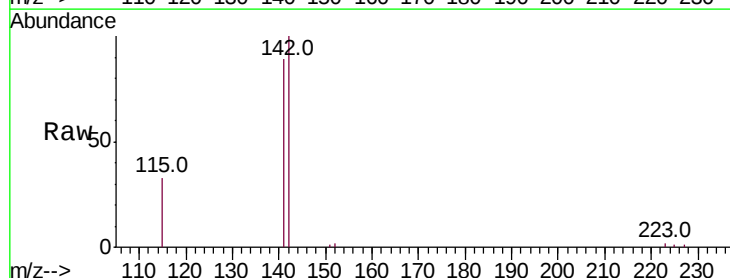
Tgt Ion:142 Resp: 6120

Ion Ratio Lower Upper

142 100

141 89.2 71.4 107.2

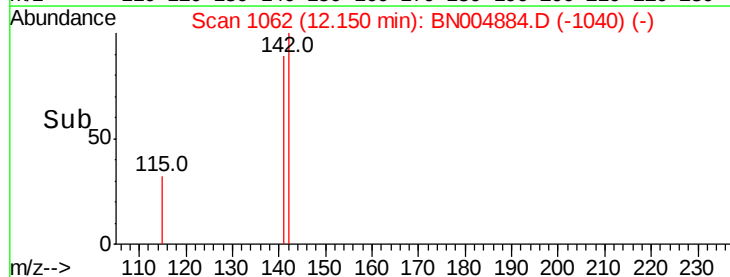
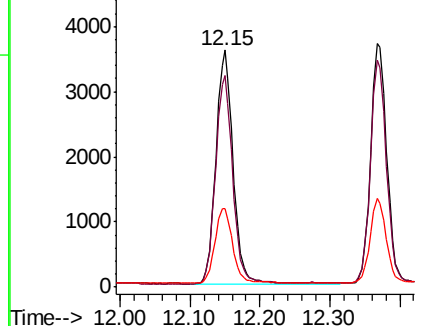
115 33.4 27.5 41.3

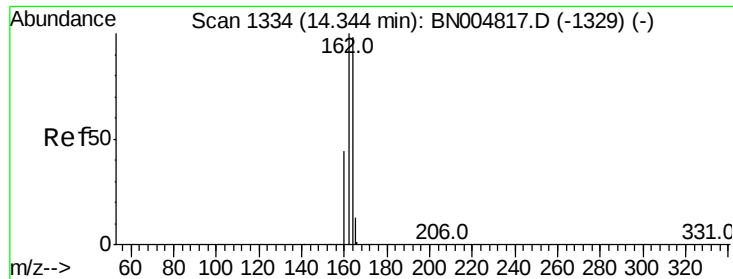


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Instrument :

BNA_N

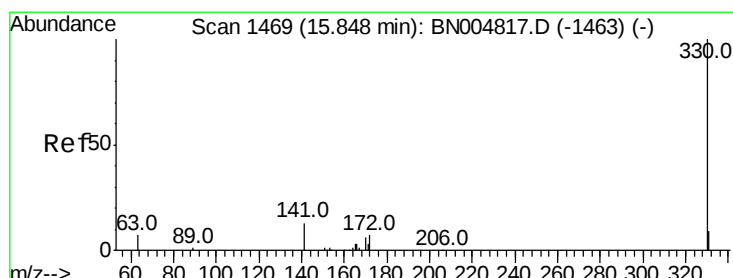
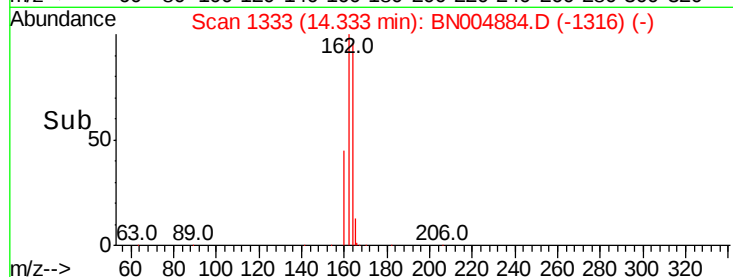
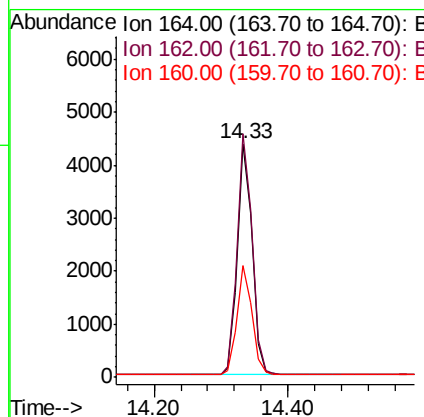
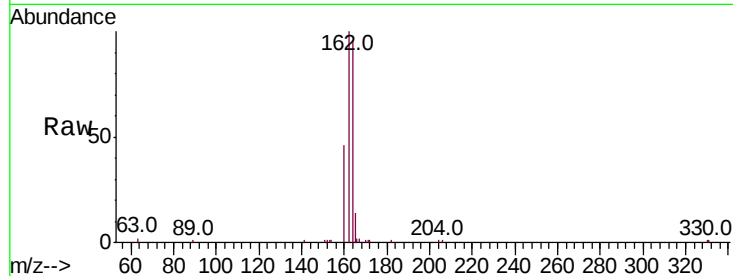
ClientSampleId :

PST-026-SW035-031819MS

Tot Ion:	164	Resp:	6556
Ion Ratio	Lower	Upper	
164	100		
162	104.3	81.9	122.9
160	47.6	36.6	54.8

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#14

2,4,6-Tribromophenol

Concen: 0.246 ng

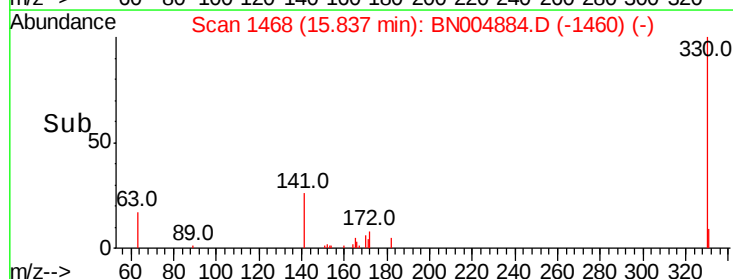
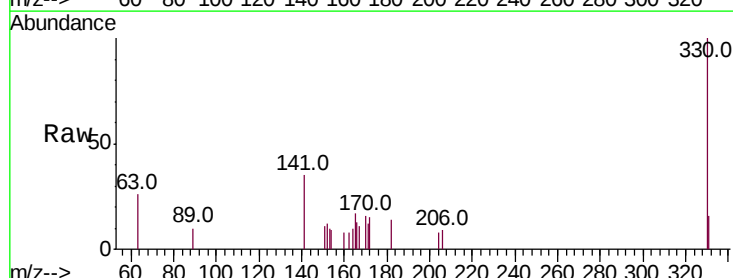
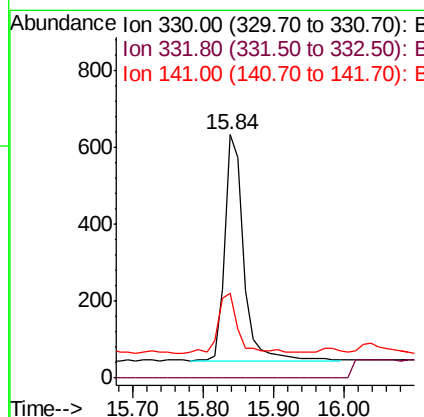
RT: 15.84 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Tgt Ion:	330	Resp:	1113
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	27.9	20.9	31.3





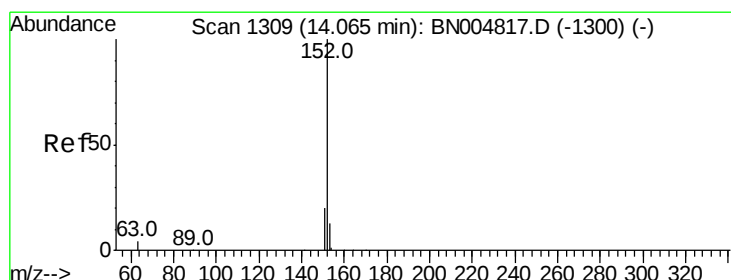
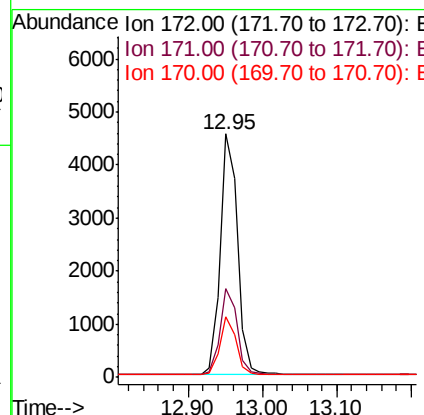
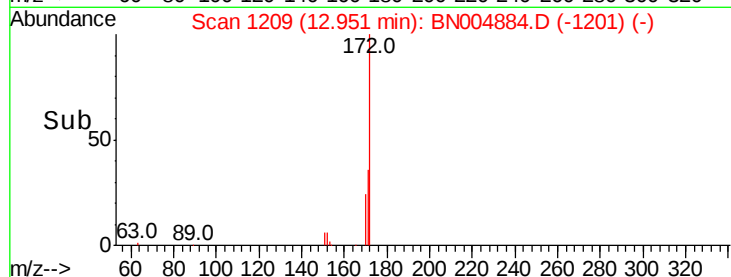
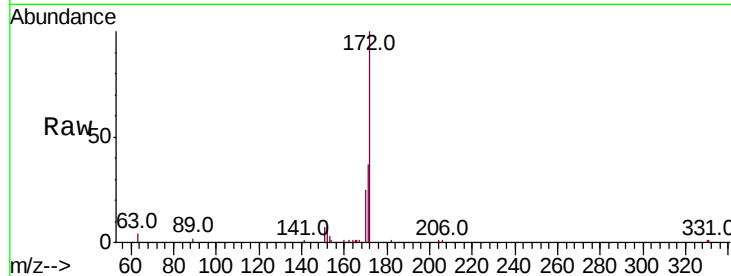
#15
2-Fluorobiphenyl
Concen: 0.273 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004884.D
Acq: 22 Mar 2019 11:51

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.7	43.1
170	24.8	18.7	28.1

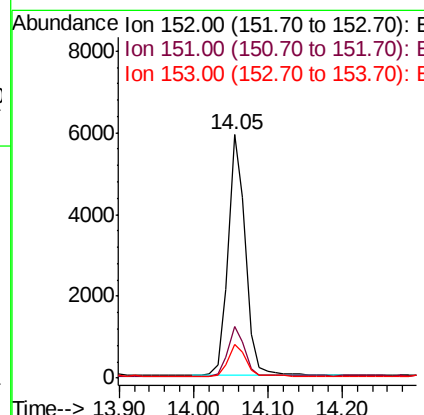
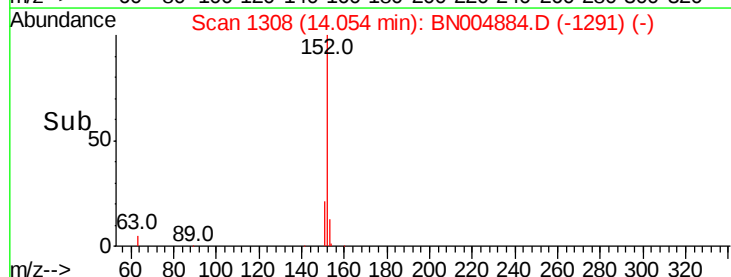
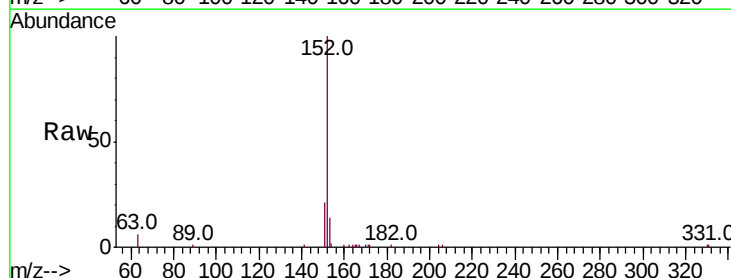
Manual Integrations
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3/25/2019 8:52:40 AM



#16
Acenaphthylene
Concen: 0.284 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004884.D
Acq: 22 Mar 2019 11:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	13.3	10.5	15.7





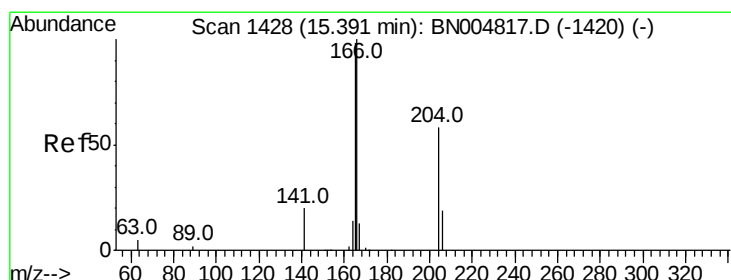
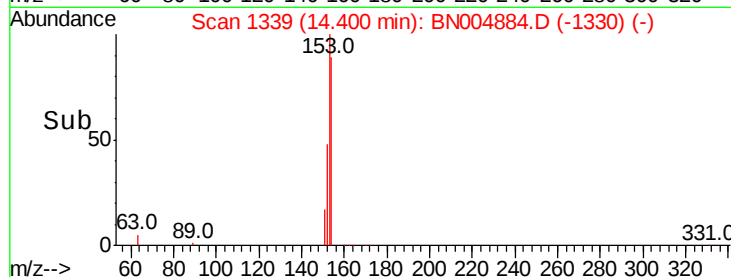
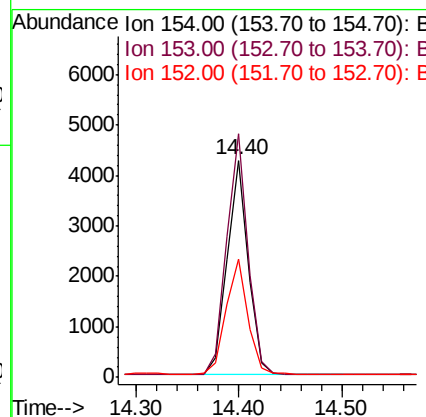
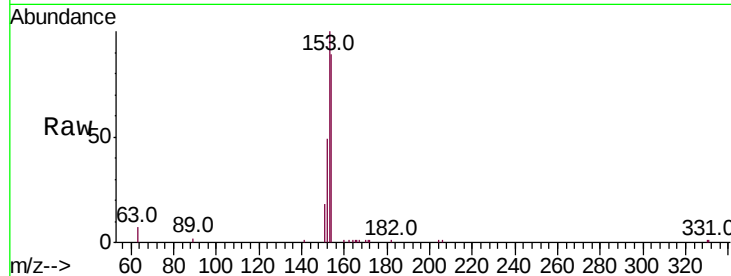
#17
Acenaphthene
Concen: 0.272 ng
RT: 14.40 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BN004884.D
Acq: 22 Mar 2019 11:51

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.4	137.2
152	55.2	44.2	66.2

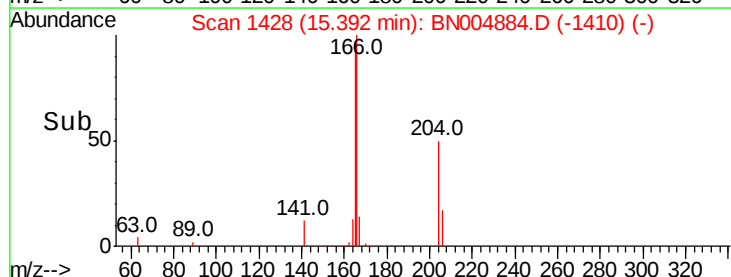
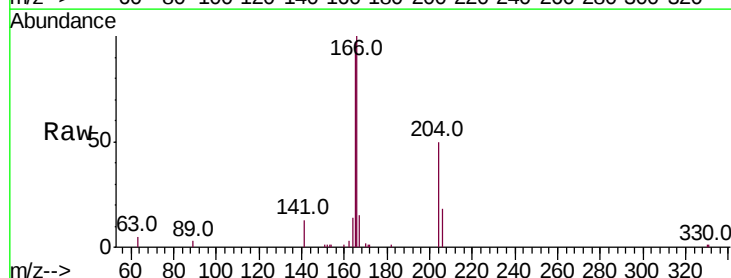
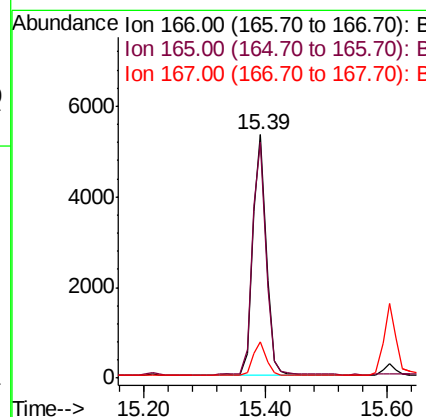
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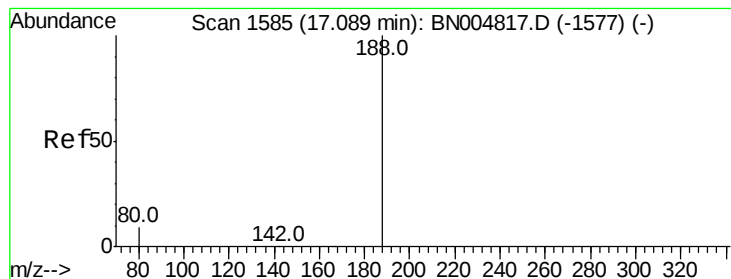
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#18
Fluorene
Concen: 0.265 ng
RT: 15.39 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BN004884.D
Acq: 22 Mar 2019 11:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.2	117.4
167	13.7	11.0	16.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.09 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Instrument :

BNA_N

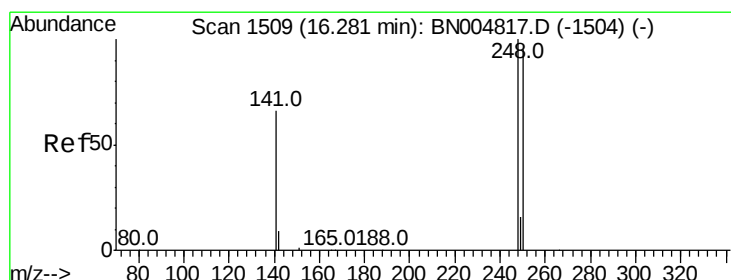
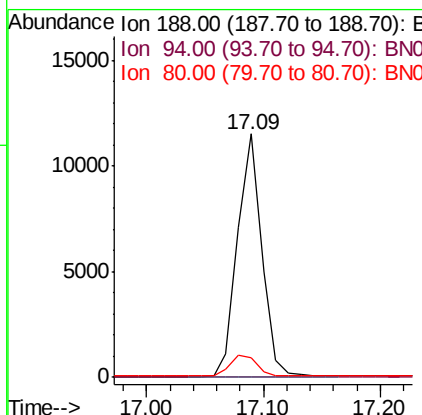
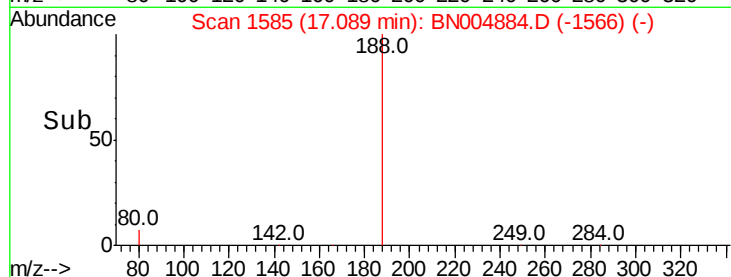
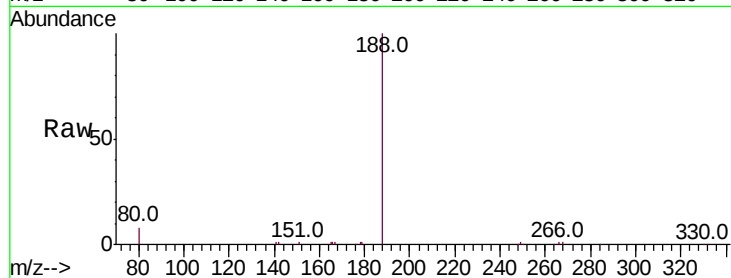
ClientSampleId :

PST-026-SW035-031819MS

Tot Ion:	188	Resp:	16406
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.9	7.4	11.2

Manual Integrations
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#20

4-Bromophenyl-phenylether

Concen: 0.254 ng

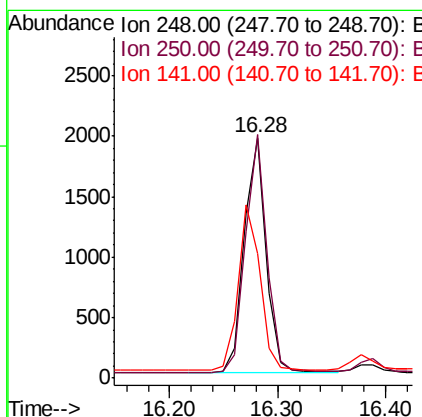
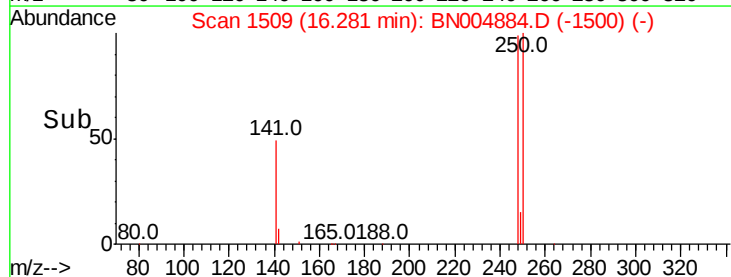
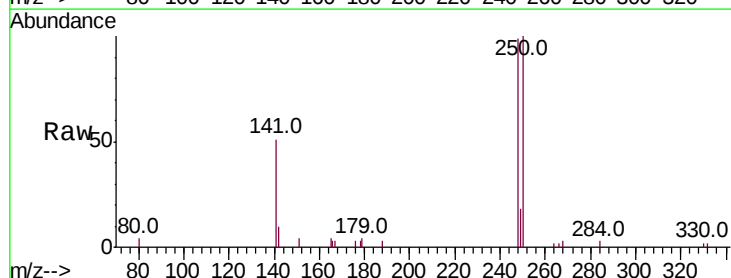
RT: 16.28 min Scan# 1509

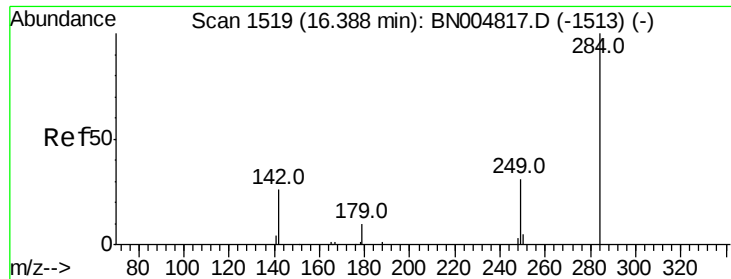
Delta R.T. 0.00 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Tgt Ion:	248	Resp:	2722
Ion Ratio	Lower	Upper	
248	100		
250	101.3	76.2	114.4
141	51.8	53.9	80.9#





#21

Hexachlorobenzene

Concen: 0.245 ng

RT: 16.39 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Instrument :

BNA_N

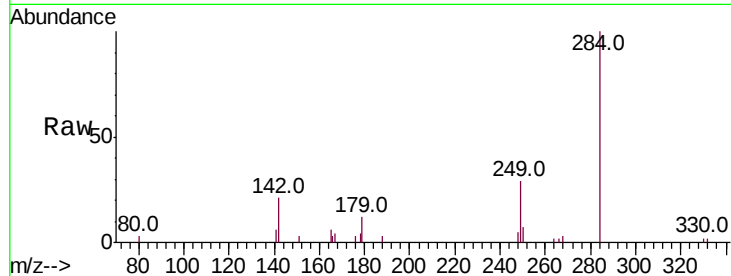
ClientSampleId :

PST-026-SW035-031819MS

Tot Ion:	284	Resp:	3009
Ion Ratio	Lower	Upper	
284	100		
142	30.4	22.6	34.0
249	29.9	22.5	33.7

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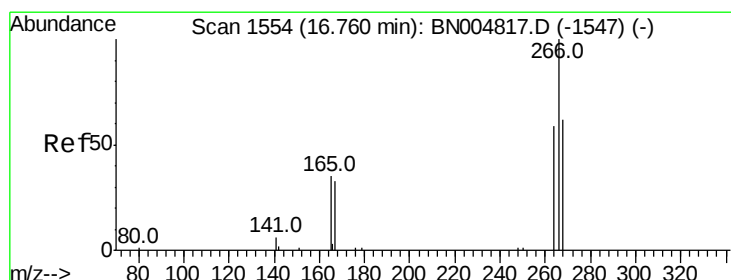
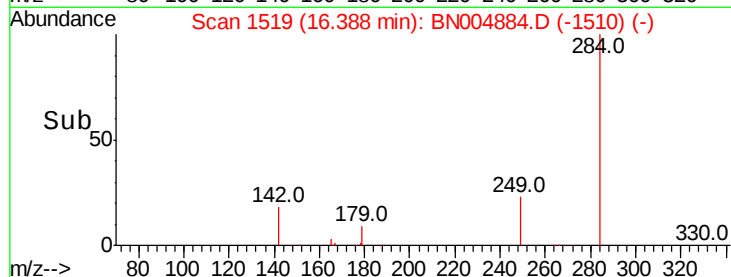
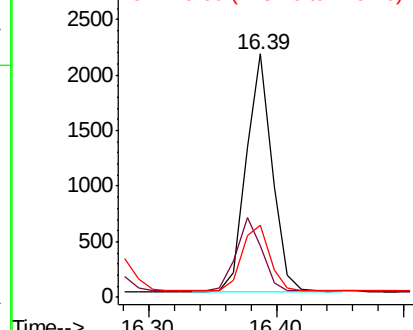


Abundance

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: 0.484 ng

RT: 16.75 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

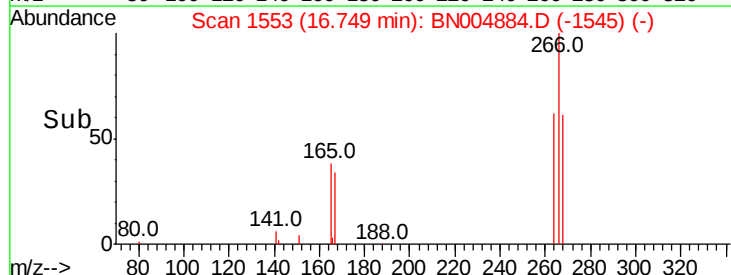
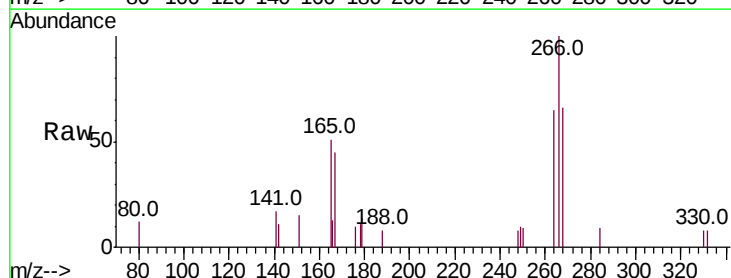
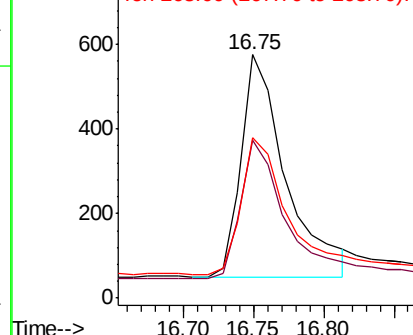
Tgt Ion:	266	Resp:	1160
Ion Ratio	Lower	Upper	
266	100		
264	64.9	53.1	79.7
268	65.8	57.7	86.5

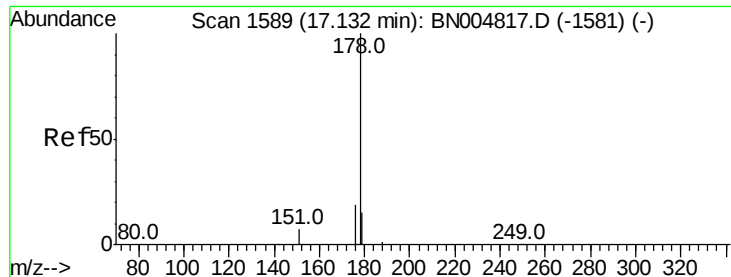
Abundance

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: 0.327 ng

RT: 17.13 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Instrument :

BNA_N

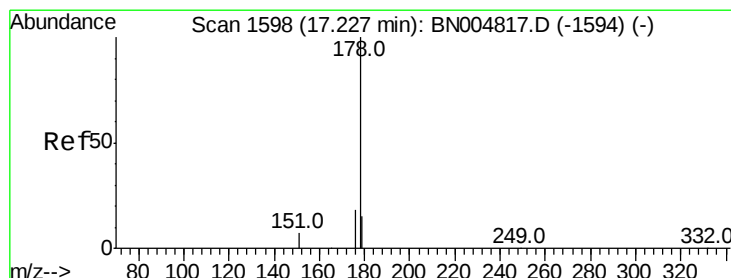
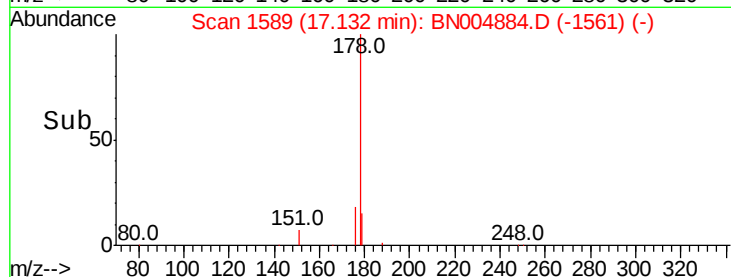
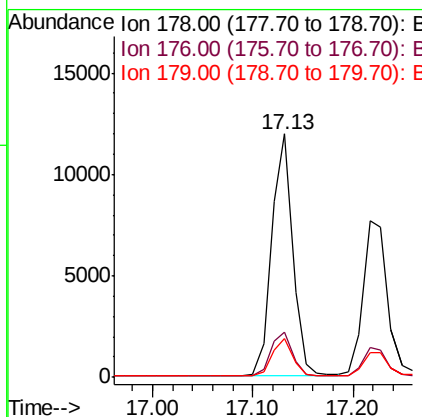
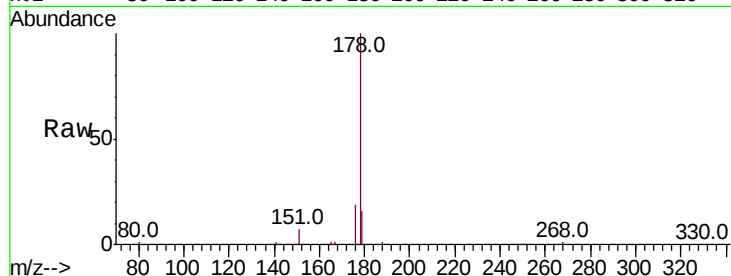
ClientSampleId :

PST-026-SW035-031819MS

Tot Ion:	178	Resp:	17338
Ion Ratio	Lower	Upper	
178	100		
176	18.8	14.9	22.3
179	15.4	12.1	18.1

Manual Integrations
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#24

Anthracene

Concen: 0.278 ng

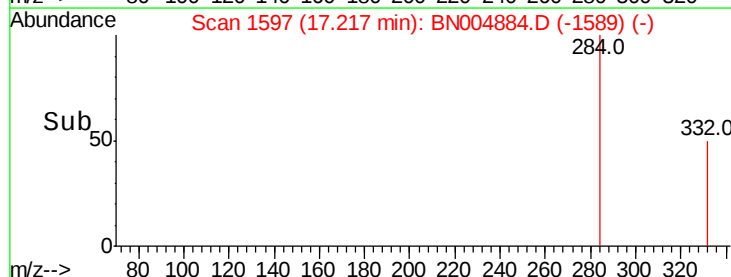
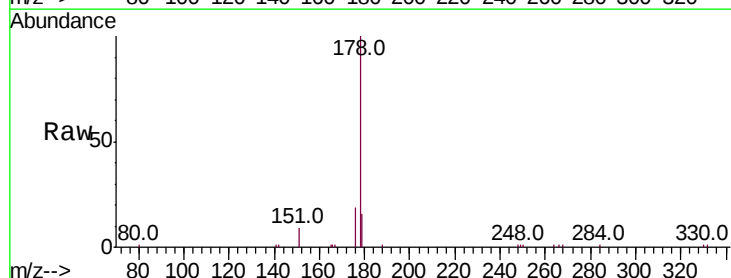
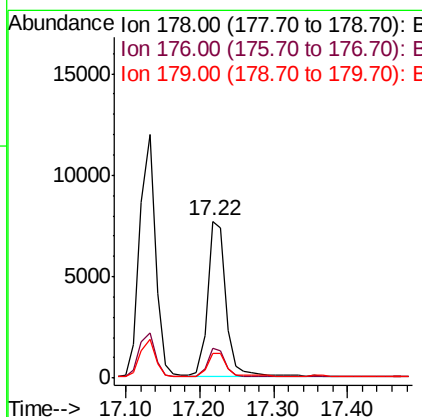
RT: 17.22 min Scan# 1597

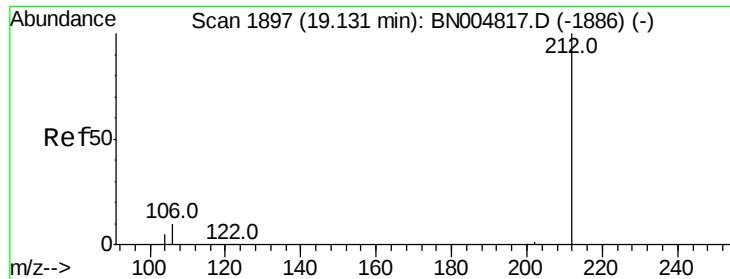
Delta R.T. -0.01 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Tgt Ion:	178	Resp:	13131
Ion Ratio	Lower	Upper	
178	100		
176	18.1	14.5	21.7
179	15.6	12.2	18.4





#25

Fluoranthene-d10

Concen: 0.270 ng

RT: 19.13 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Instrument :

BNA_N

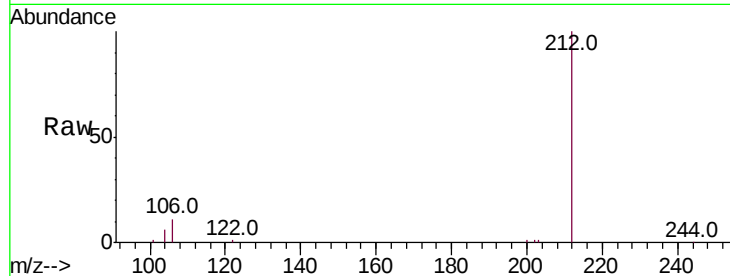
ClientSampleId :

PST-026-SW035-031819MS

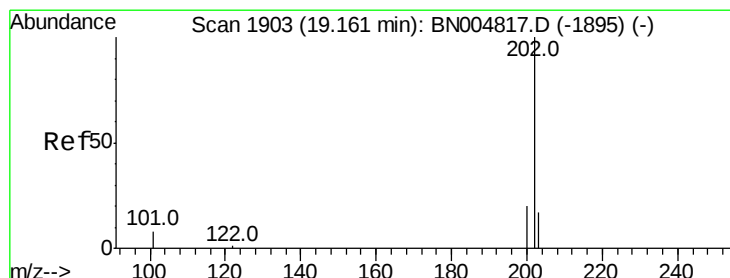
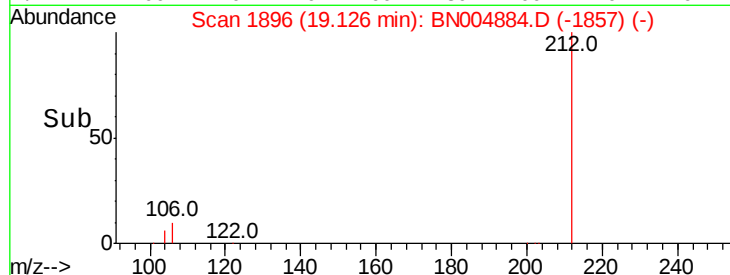
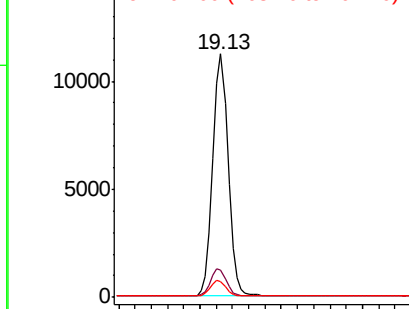
Tot Ion:	212	Resp:	14821
Ion Ratio	Lower	Upper	
212	100		
106	11.2	8.6	13.0
104	6.3	4.7	7.1

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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: 0.334 ng

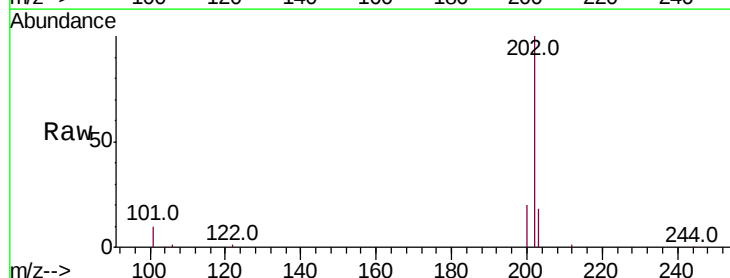
RT: 19.16 min Scan# 1902

Delta R.T. -0.00 min

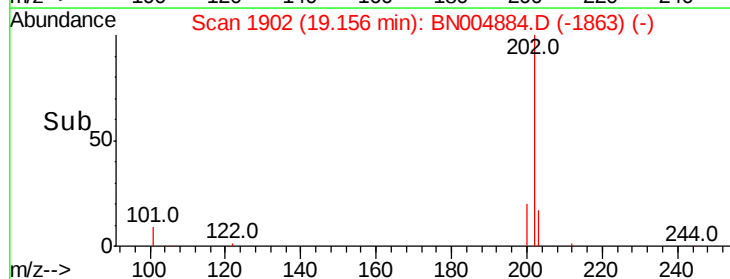
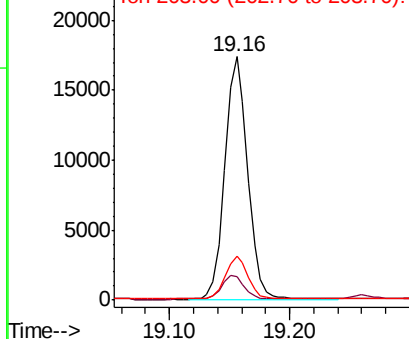
Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Tgt Ion:	202	Resp:	22740
Ion Ratio	Lower	Upper	
202	100		
101	10.0	7.5	11.3
203	17.3	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





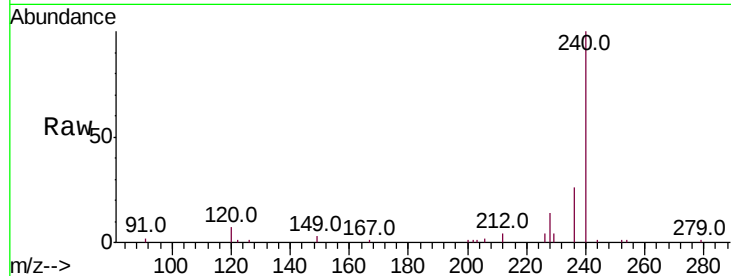
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BN004884.D
Acq: 22 Mar 2019 11:51

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.2	7.2	10.8#
236	26.4	20.9	31.3

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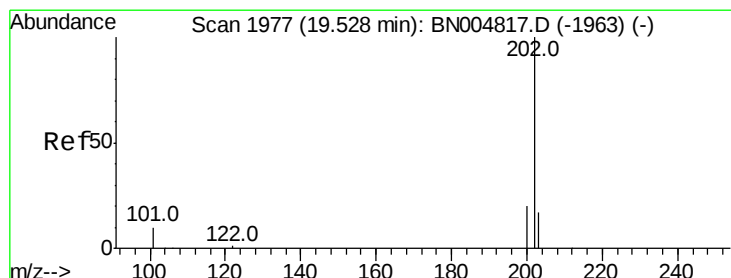
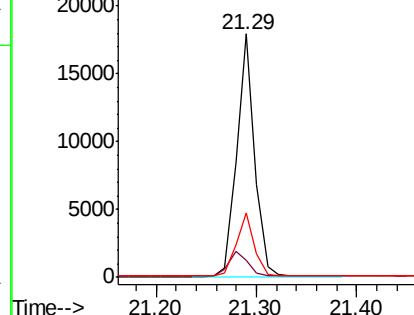
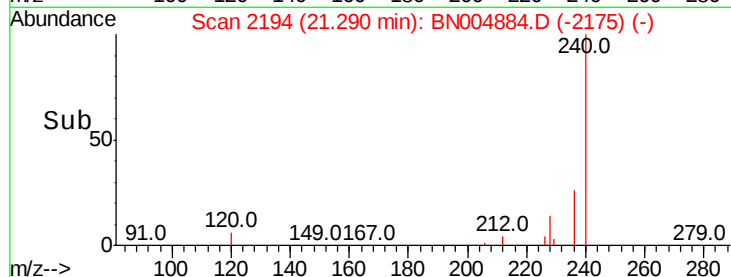


Abundance

Ion 240.00 (239.70 to 240.70): E

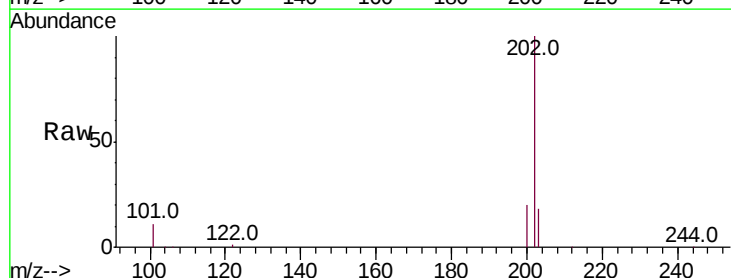
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28
Pyrene
Concen: 0.356 ng
RT: 19.52 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BN004884.D
Acq: 22 Mar 2019 11:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	18.4	14.0	21.0

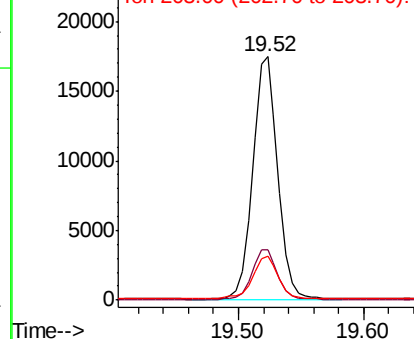
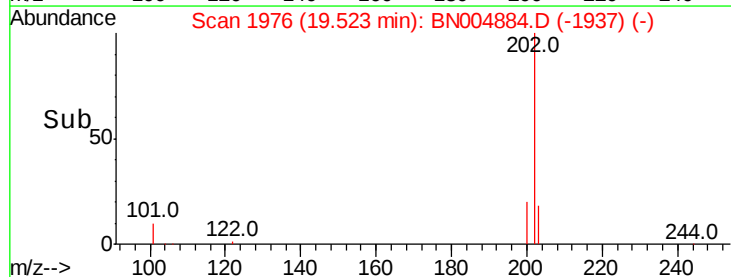


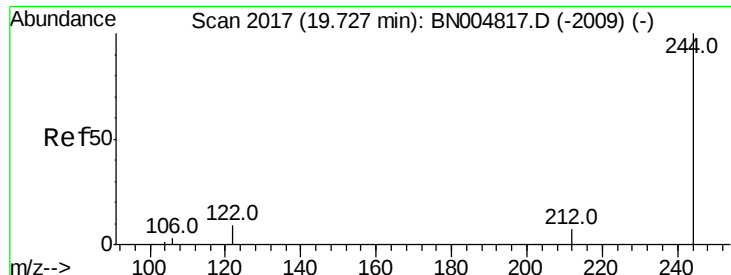
Abundance

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: 0.259 ng

RT: 19.72 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Instrument :

BNA_N

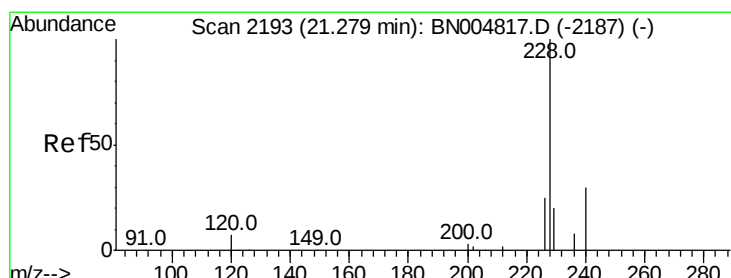
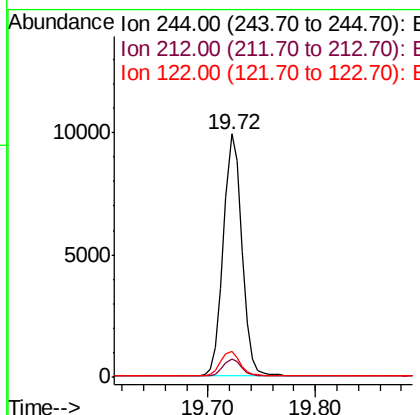
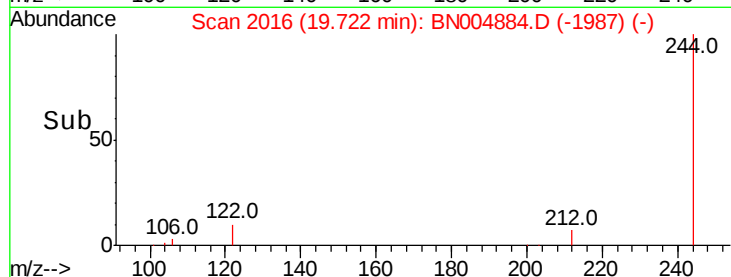
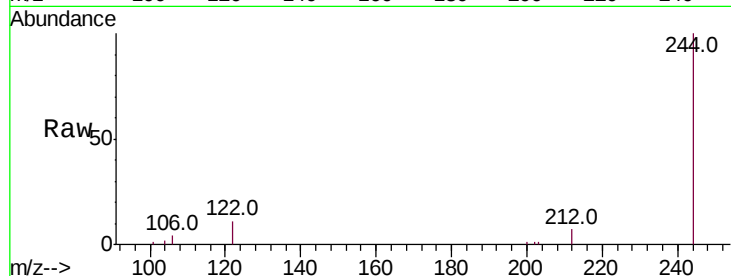
ClientSampleId :

PST-026-SW035-031819MS

Tot Ion:	244	Resp:	11771
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.8	8.6
122	10.7	7.9	11.9

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#30

Benzo(a)anthracene

Concen: 0.312 ng

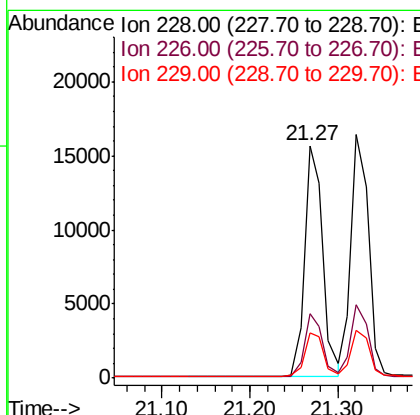
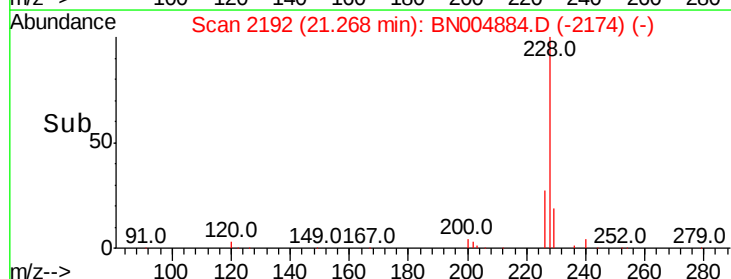
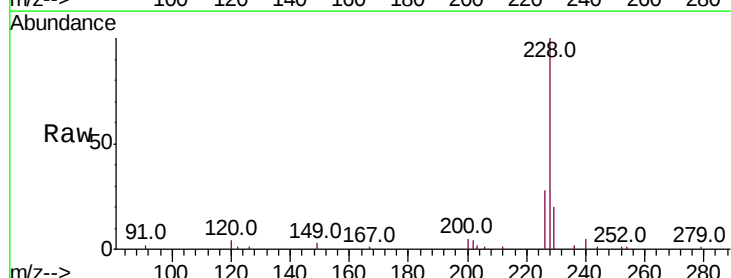
RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Tgt Ion:	228	Resp:	22692
Ion Ratio	Lower	Upper	
228	100		
226	27.8	20.6	31.0
229	19.7	16.2	24.4





#31

Chrysene

Concen: 0.295 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Instrument :

BNA_N

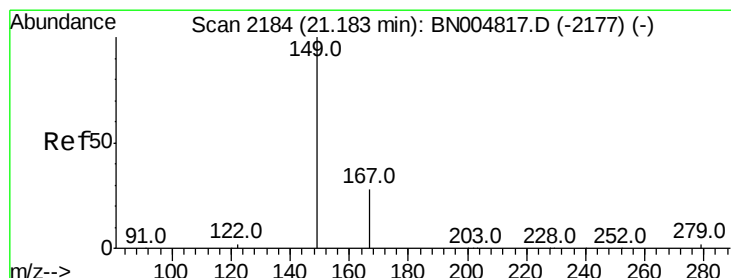
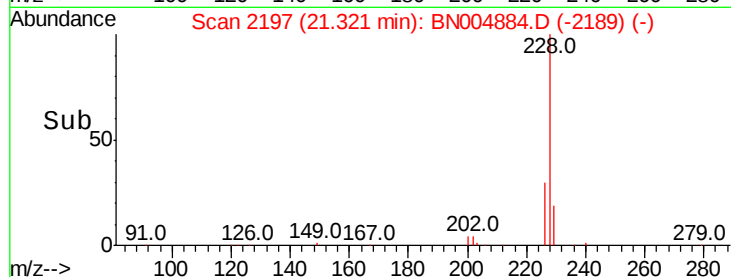
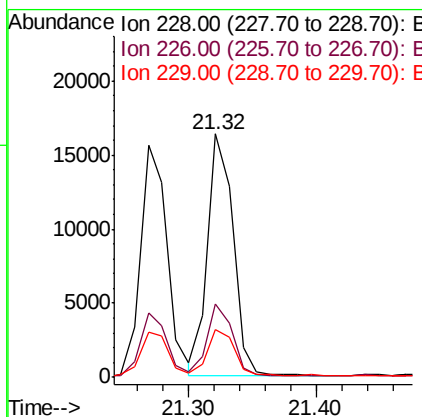
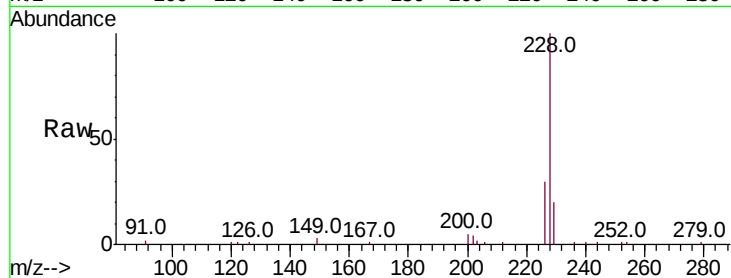
ClientSampleId :

PST-026-SW035-031819MS

Tot Ion:	228	Resp:	22601
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.0	34.6
229	19.8	16.2	24.2

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.394 ng

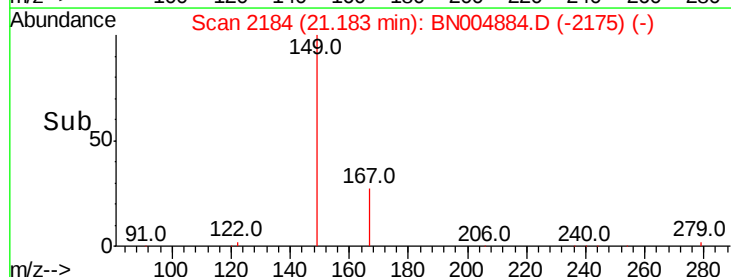
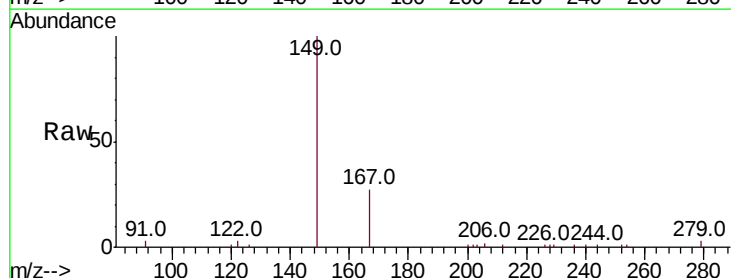
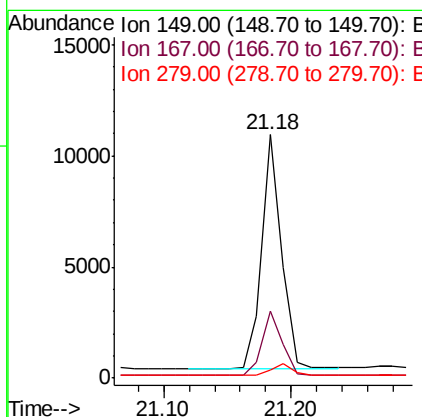
RT: 21.18 min Scan# 2184

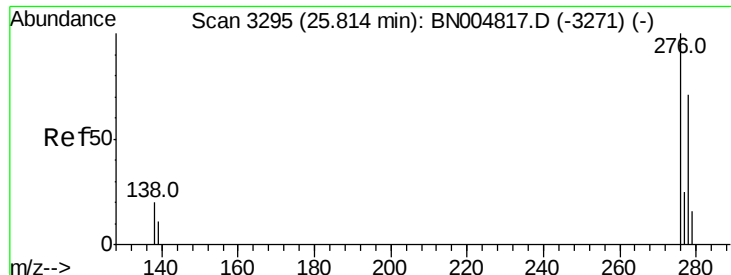
Delta R.T. 0.00 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Tgt Ion:	149	Resp:	11443
Ion Ratio	Lower	Upper	
149	100		
167	27.9	23.0	34.4
279	5.6	4.6	6.8





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.215 ng

RT: 25.81 min Scan# 3295

Delta R.T. 0.00 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Instrument :

BNA_N

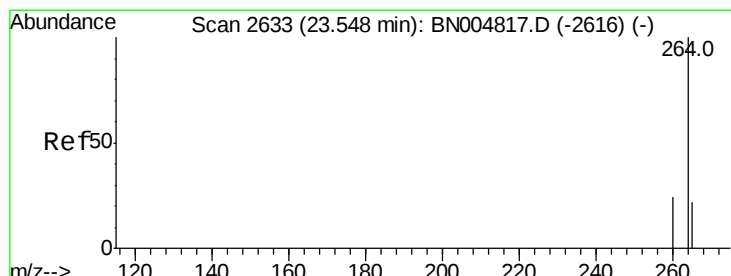
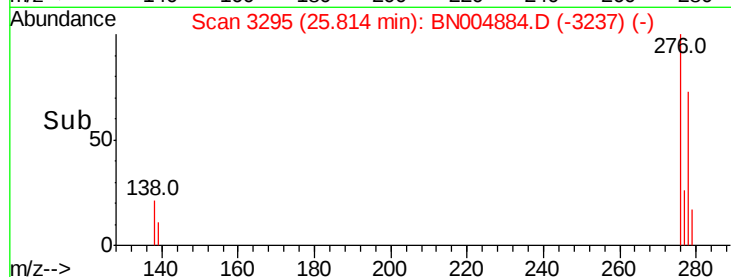
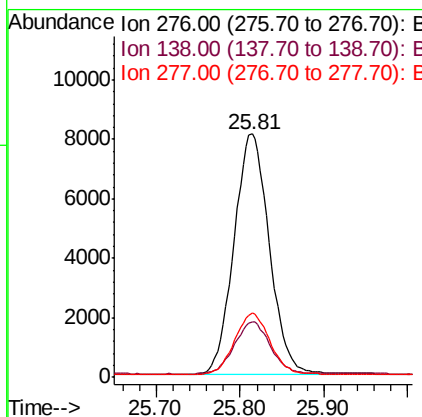
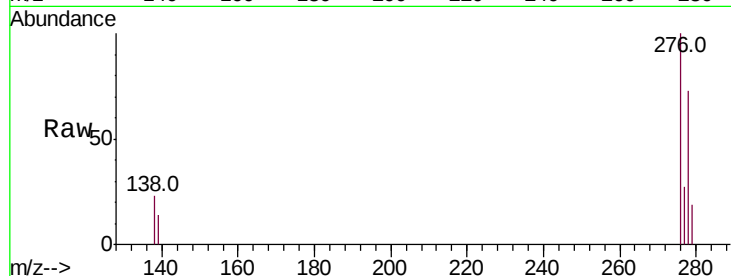
ClientSampleId :

PST-026-SW035-031819MS

Tot Ion:	276	Resp:	23786
Ion Ratio	Lower	Upper	
276	100		
138	21.9	16.6	24.8
277	25.0	20.3	30.5

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#34

Perylene-d12

Concen: 0.400 ng

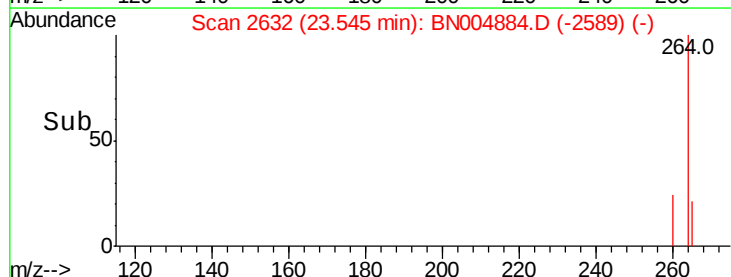
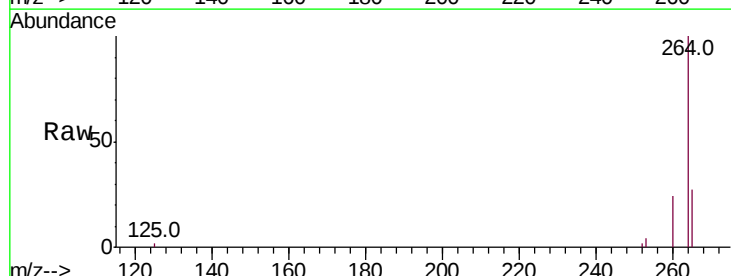
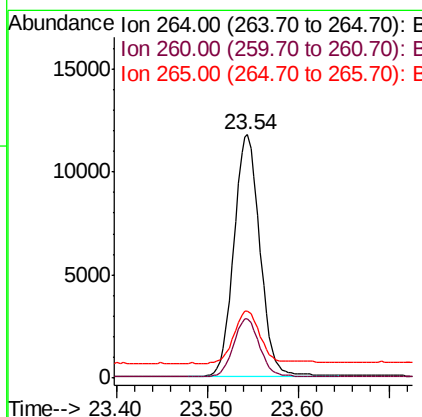
RT: 23.54 min Scan# 2632

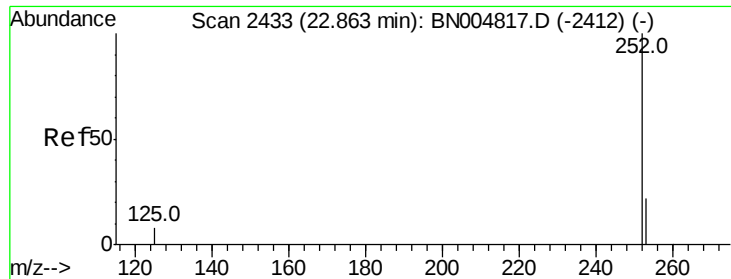
Delta R.T. -0.00 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Tgt Ion:	264	Resp:	23301
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.5	29.3
265	27.4	23.1	34.7





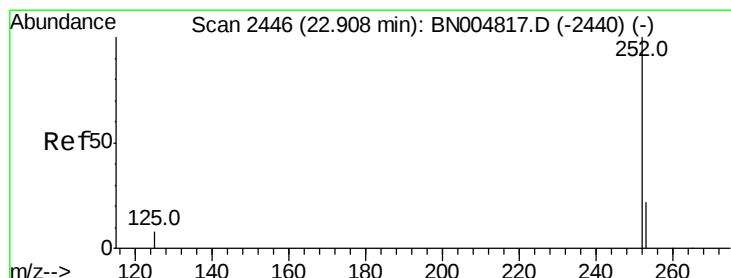
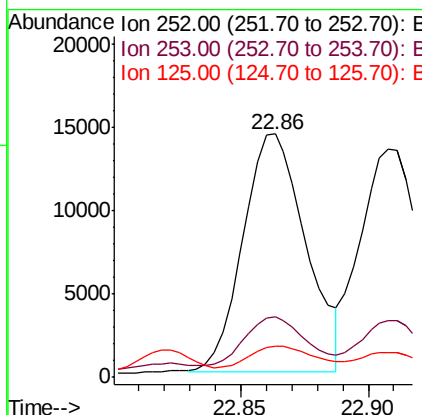
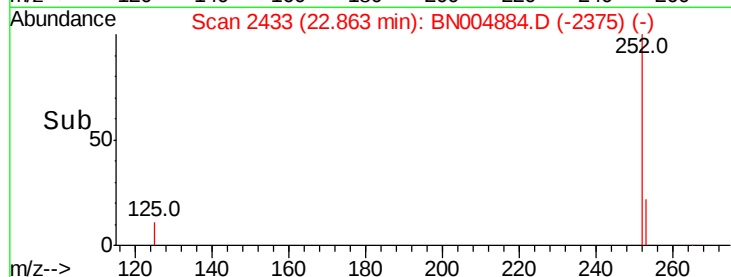
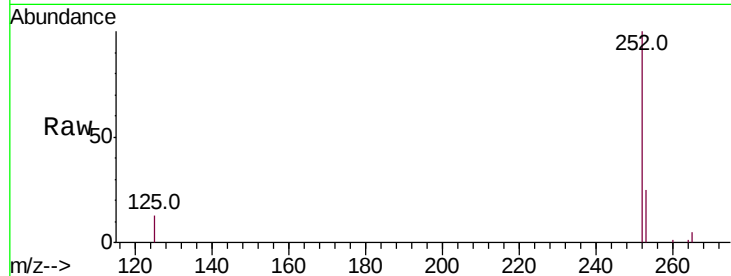
#35
Benzo(b)fluoranthene
Concen: 0.291 ng m
RT: 22.86 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BN004884.D
Acq: 22 Mar 2019 11:51

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.0	28.4
125	12.8	7.4	11.2

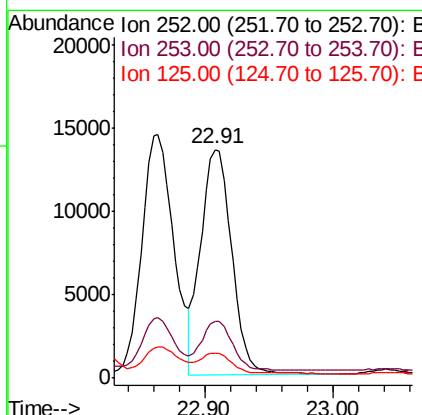
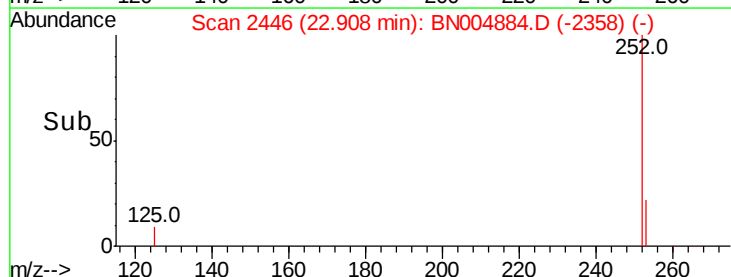
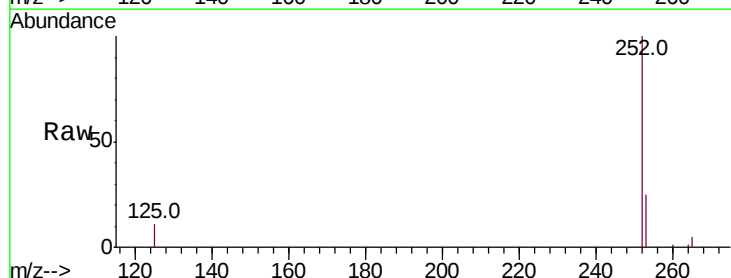
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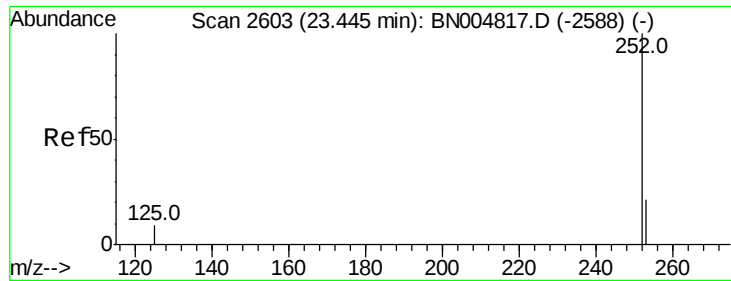
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#36
Benzo(k)fluoranthene
Concen: 0.275 ng
RT: 22.91 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BN004884.D
Acq: 22 Mar 2019 11:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.3	28.9
125	11.1	7.4	11.0





#37

Benzo(a)pyrene

Concen: 0.288 ng

RT: 23.45 min Scan# 2603

Delta R.T. 0.00 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Instrument :

BNA_N

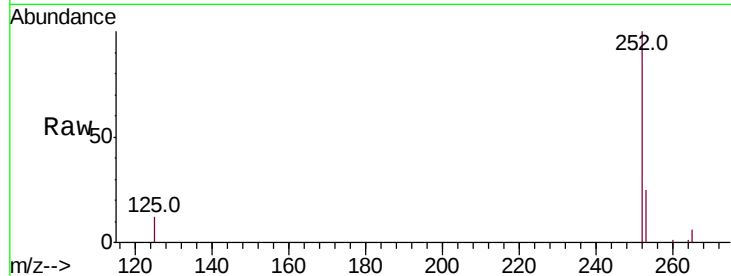
ClientSampleId :

PST-026-SW035-031819MS

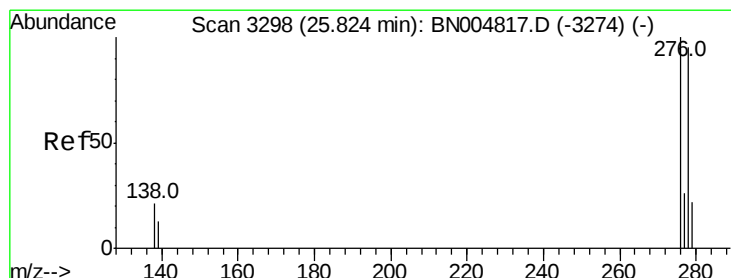
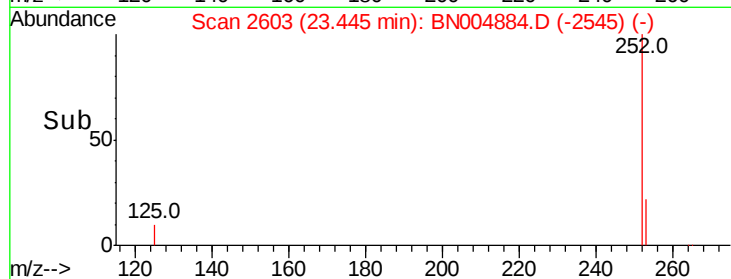
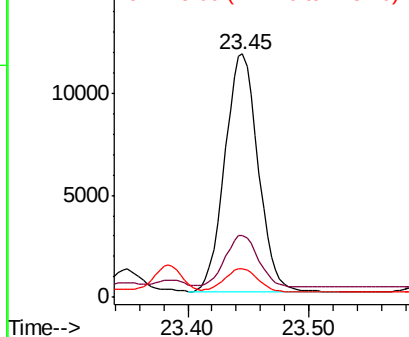
Tot Ion:	252	Resp:	22251
Ion Ratio	Lower	Upper	
252	100		
253	25.4	19.7	29.5
125	11.9	8.3	12.5

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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



#38

Dibenzo(a,h)anthracene

Concen: 0.211 ng

RT: 25.82 min Scan# 3297

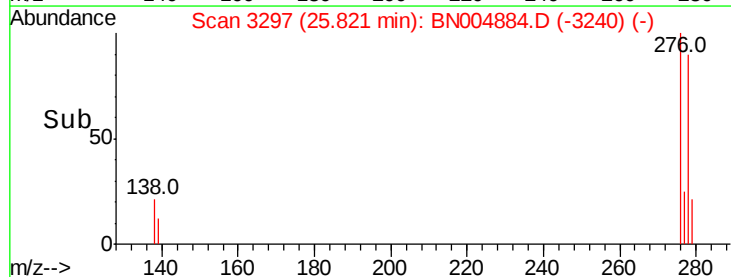
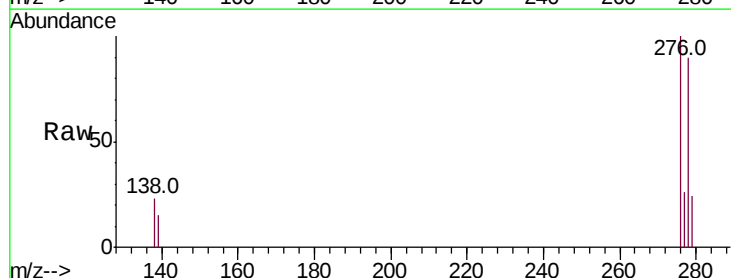
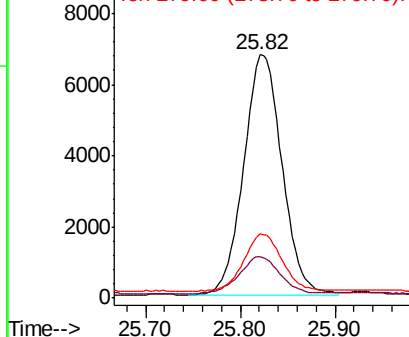
Delta R.T. -0.00 min

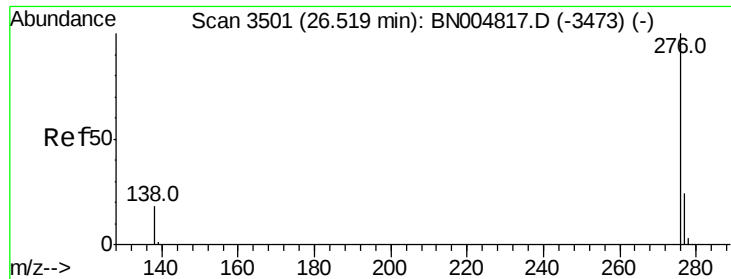
Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Tgt Ion:	278	Resp:	18900
Ion Ratio	Lower	Upper	
278	100		
139	17.0	11.7	17.5
279	26.3	19.9	29.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.220 ng

RT: 26.51 min Scan# 3499

Delta R.T. -0.01 min

Lab File: BN004884.D

Acq: 22 Mar 2019 11:51

Instrument :

BNA_N

ClientSampleId :

PST-026-SW035-031819MS

Tot Ion:	276	Resp:	20081
Ion Ratio	Lower	Upper	
276	100		
277	24.9	19.7	29.5
138	19.9	14.6	22.0

Manual Integrations
APPROVED

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