

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004885.D
 Acq On : 22 Mar 2019 12:27
 Operator : JU/SJ
 Sample : K2013-19MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 3/25/2019 8:52:43 AM

Quant Time: Mar 22 22:33:55 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	2367	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	11222	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	6787	0.40	ng	-0.01
19) Phenanthrene-d10	17.09	188	16625	0.40	ng	0.00
27) Chrysene-d12	21.29	240	21715	0.40	ng	0.00
34) Perylene-d12	23.54	264	21923	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.29	112	2242	0.35	ng	0.00
5) Phenol-d6	6.87	99	2988	0.37	ng	0.00
8) Nitrobenzene-d5	8.86	82	2173	0.29	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	5913	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	1270	0.27	ng	-0.01
15) 2-Fluorobiphenyl	12.95	172	8598	0.31	ng	-0.01
25) Fluoranthene-d10	19.13	212	16034	0.29	ng	0.00
29) Terphenyl-d14	19.72	244	12620	0.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	546	0.203	ng	# 30
3) n-Nitrosodimethylamine	3.57	42	406	0.255	ng	83
6) bis(2-Chloroethyl)ether	7.13	93	2317	0.321	ng	99
9) Naphthalene	10.53	128	9859	0.313	ng	99
10) Hexachlorobutadiene	10.80	225	1635	0.272	ng	# 99
12) 2-Methylnaphthalene	12.15	142	7355	0.315	ng	100
16) Acenaphthylene	14.05	152	11503	0.329	ng	100
17) Acenaphthene	14.40	154	7023	0.307	ng	99
18) Fluorene	15.39	166	9618	0.301	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	3147	0.290	ng	# 88
21) Hexachlorobenzene	16.39	284	3462	0.278	ng	96
22) Pentachlorophenol	16.75	266	1537	0.632	ng	97
23) Phenanthrene	17.13	178	19947	0.372	ng	99
24) Anthracene	17.22	178	15019	0.313	ng	99
26) Fluoranthene	19.16	202	26265	0.381	ng	99
28) Pyrene	19.52	202	28323	0.428	ng	99
30) Benzo(a)anthracene	21.27	228	25575	0.359	ng	97
31) Chrysene	21.32	228	25246	0.337	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	13489	0.474	ng	99
33) Indeno(1,2,3-cd)pyrene	25.81	276	24535	0.226	ng	98
35) Benzo(b)fluoranthene	22.86	252	27144m	0.342	ng	
36) Benzo(k)fluoranthene	22.90	252	24345	0.312	ng	# 97
37) Benzo(a)pyrene	23.44	252	23815	0.327	ng	98
38) Dibenzo(a,h)anthracene	25.82	278	19324	0.229	ng	# 95
39) Benzo(g,h,i)perylene	26.51	276	20949	0.244	ng	98

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

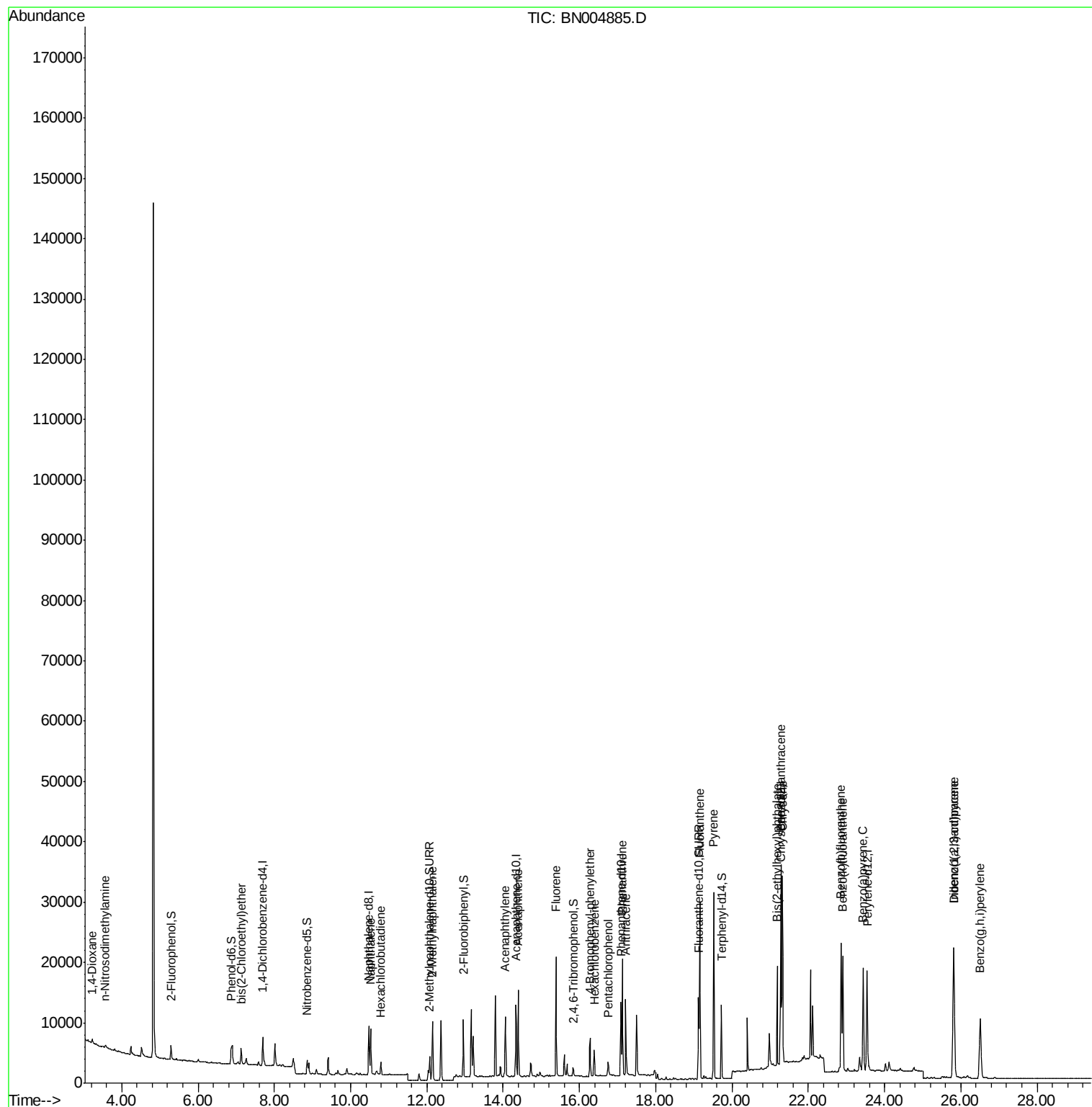
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
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3/25/2019 8:52:43 AM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

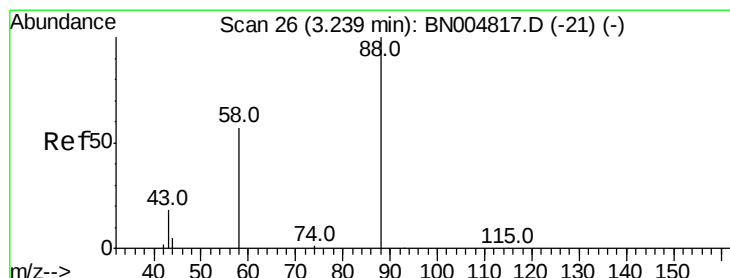
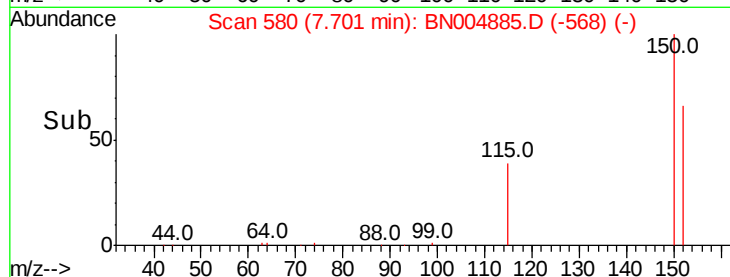
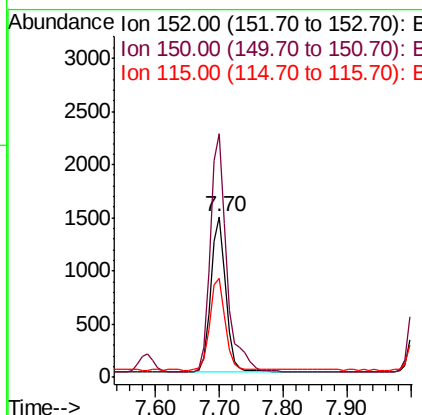
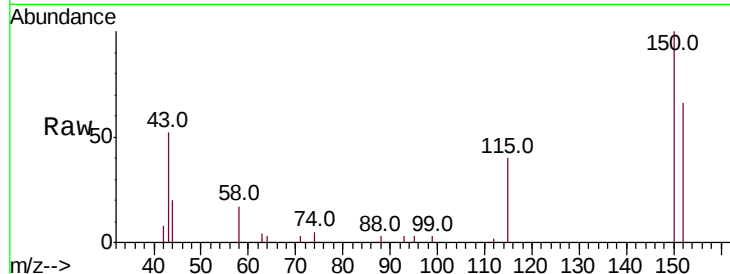
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	126.2	189.4
115	61.3	52.6	79.0

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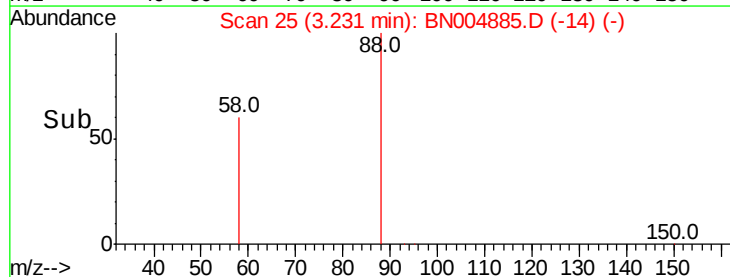
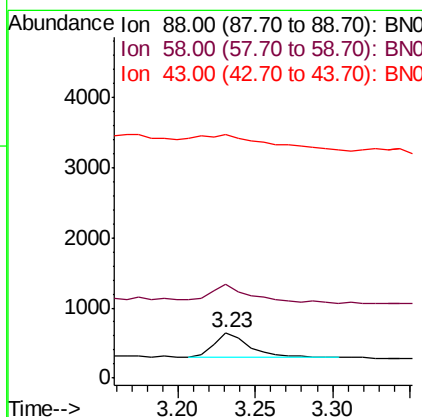
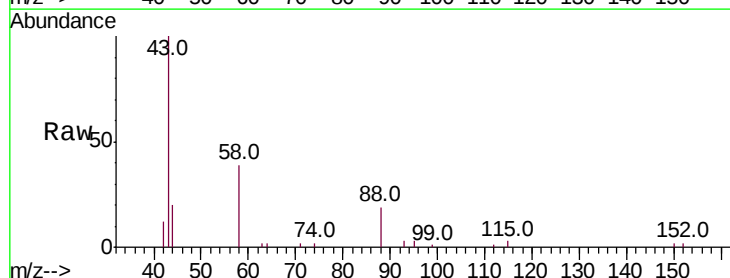
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#2

1,4-Dioxane
Concen: 0.203 ng
RT: 3.23 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.7	51.4	77.2#
43	103.5	20.0	30.0#





#3

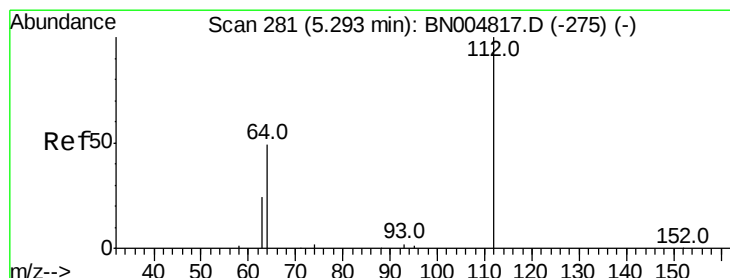
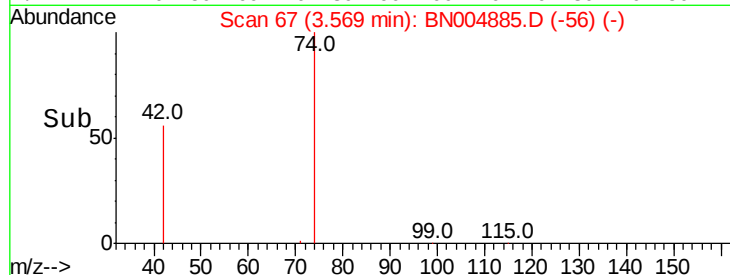
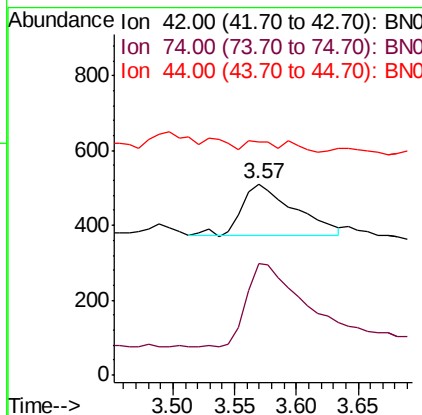
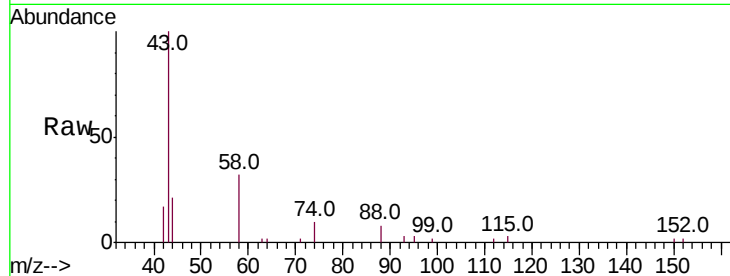
n-Nitrosodimethylamine
Concen: 0.255 ng
RT: 3.57 min Scan# 67
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

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

Tot Ion	42	Resp	406
Ion	Ratio	Lower	Upper
42	100		
74	183.3	128.4	192.6
44	8.9	6.1	9.1

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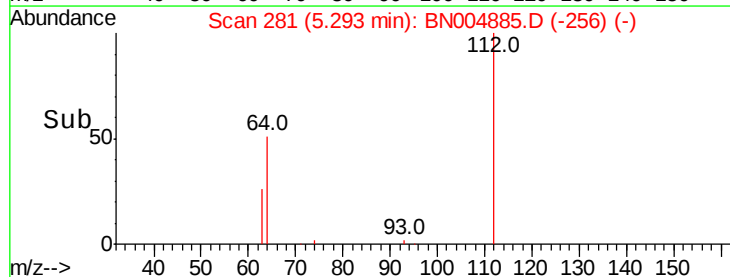
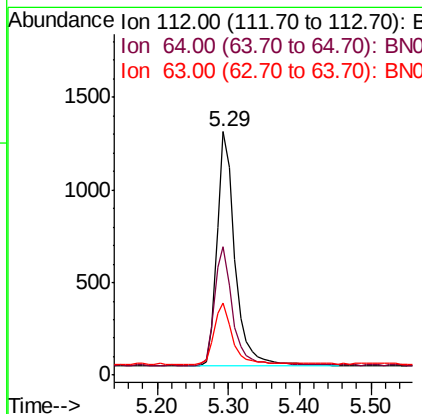
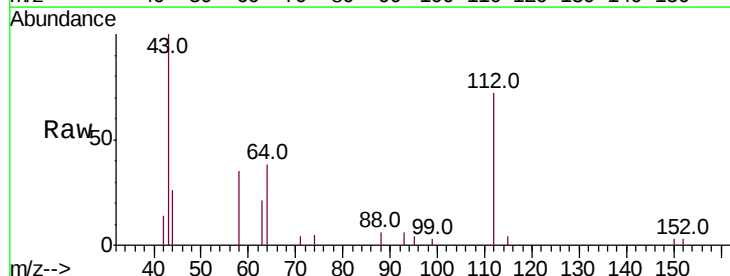
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#4

2-Fluorophenol
Concen: 0.349 ng
RT: 5.29 min Scan# 281
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion	112	Resp	2242
Ion	Ratio	Lower	Upper
112	100		
64	50.8	40.0	60.0
63	26.5	20.2	30.2





#5

Phenol-d6

Concen: 0.373 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

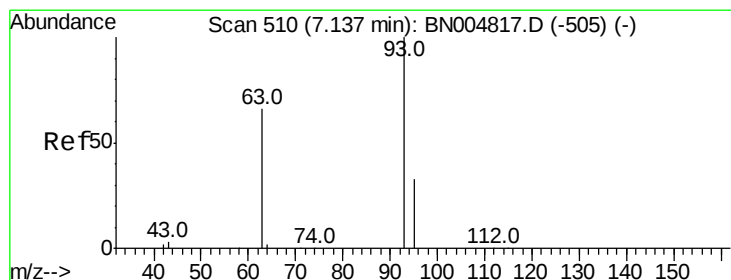
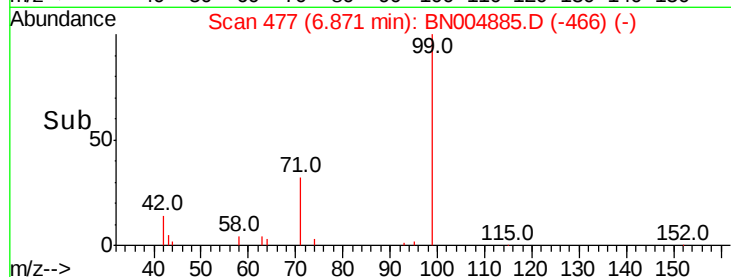
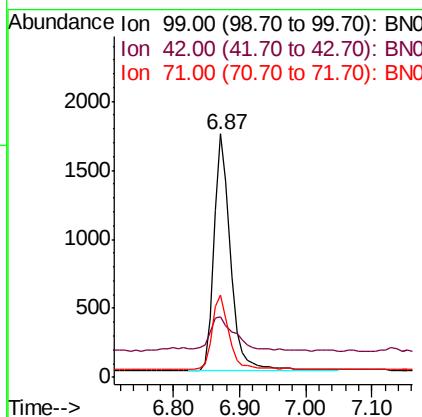
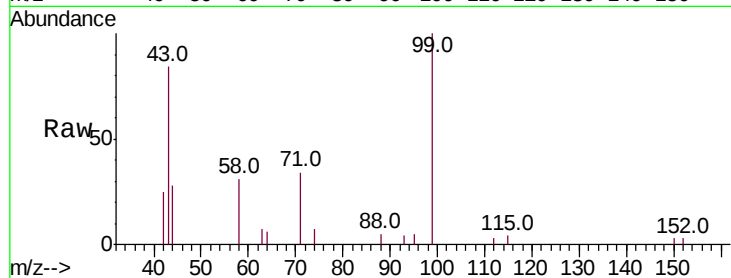
ClientSampleId :

PST-026-SW035-031819MSD

Tot Ion:	99	Resp:	2988
Ion Ratio	Lower	Upper	
99	100		
42	21.3	12.7	19.1#
71	31.2	26.6	40.0

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#6

bis(2-Chloroethyl)ether

Concen: 0.321 ng

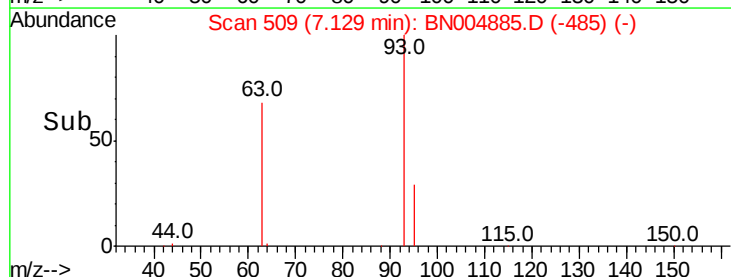
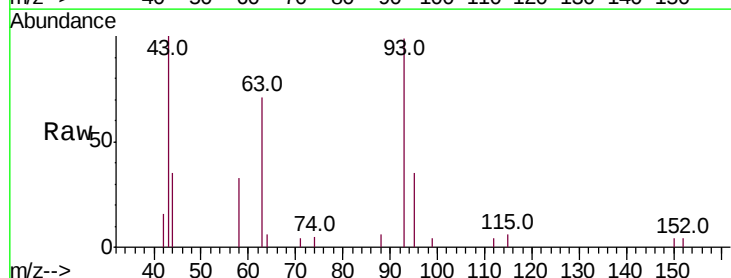
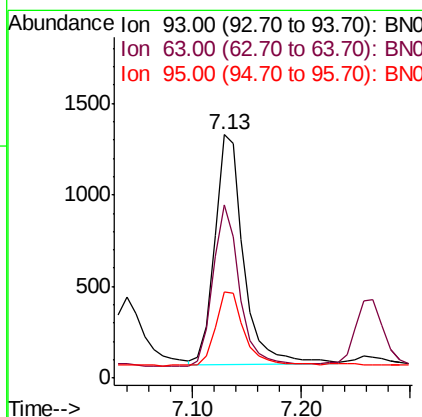
RT: 7.13 min Scan# 509

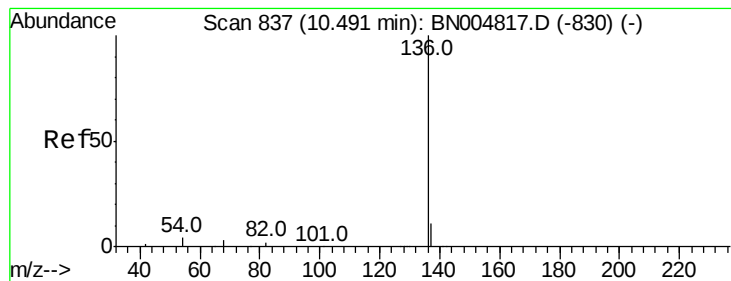
Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Tgt Ion:	93	Resp:	2317
Ion Ratio	Lower	Upper	
93	100		
63	66.3	52.6	78.8
95	32.2	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: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

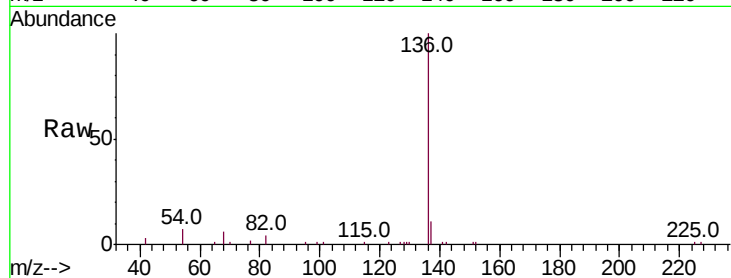
ClientSampleId :

PST-026-SW035-031819MSD

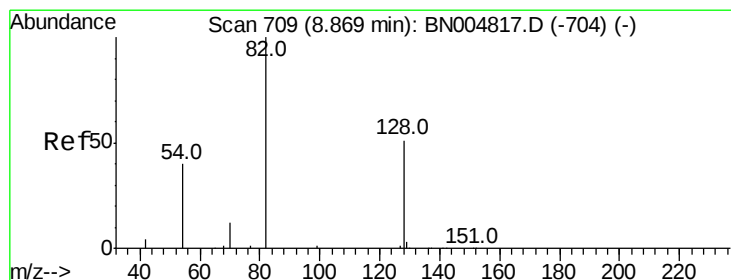
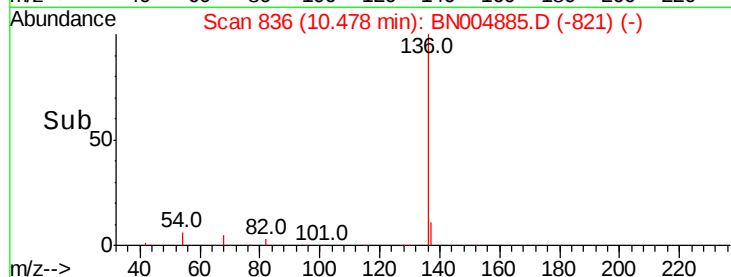
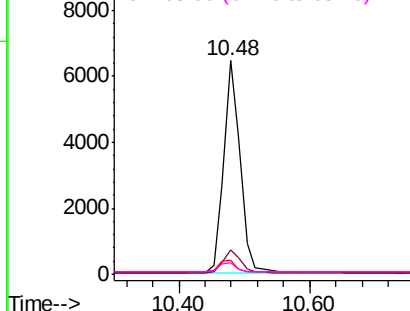
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.6	14.4	
54	6.5	4.2	6.2	
68	5.7	3.9	5.9	

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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: 0.293 ng

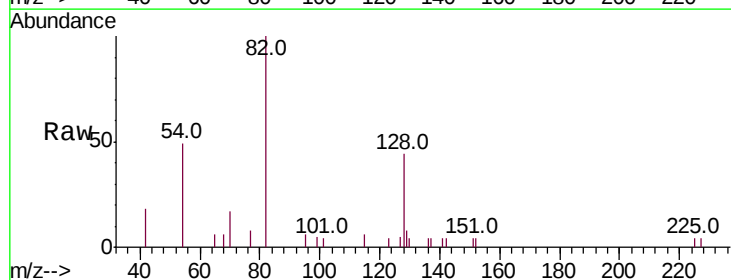
RT: 8.86 min Scan# 708

Delta R.T. -0.01 min

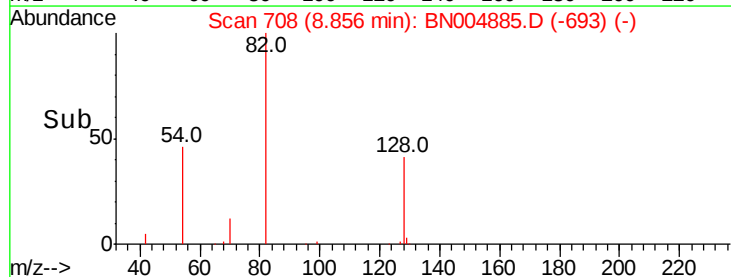
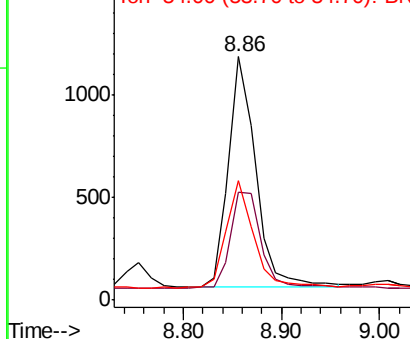
Lab File: BN004885.D

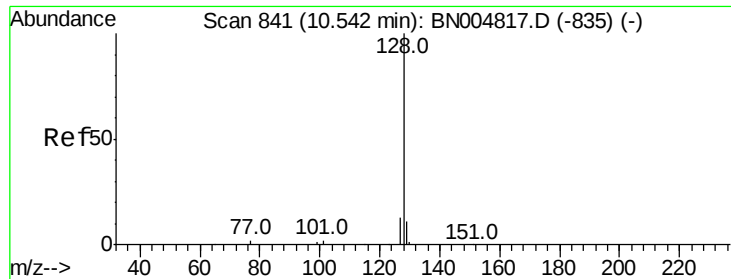
Acq: 22 Mar 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.2	43.0	64.6	
54	49.2	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: 0.313 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

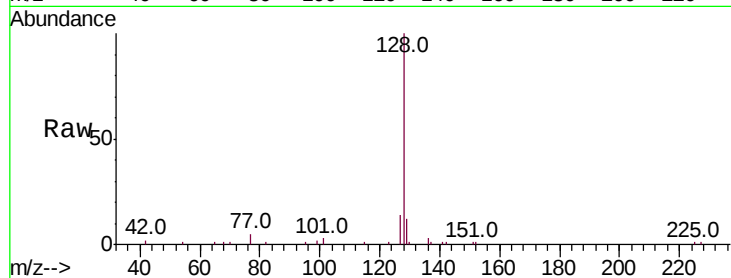
ClientSampleId :

PST-026-SW035-031819MSD

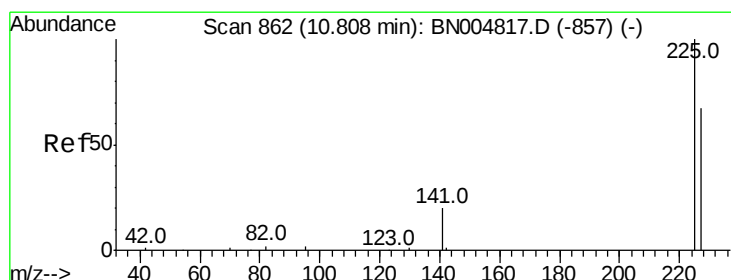
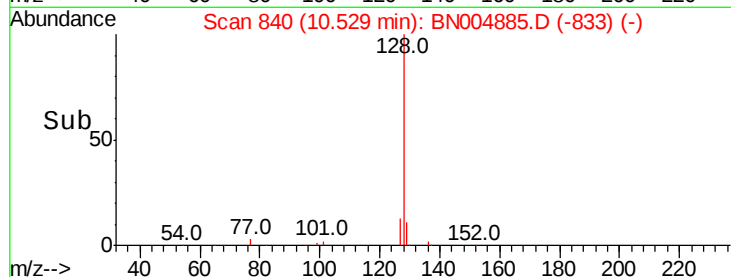
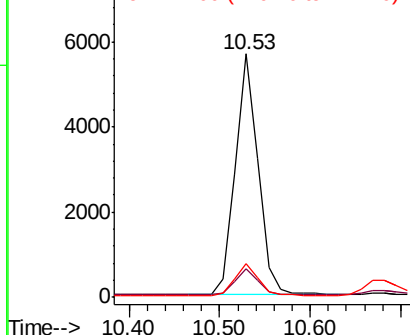
Tot Ion:	128	Resp:	9859
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.9	14.9
127	13.9	11.3	16.9

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.272 ng

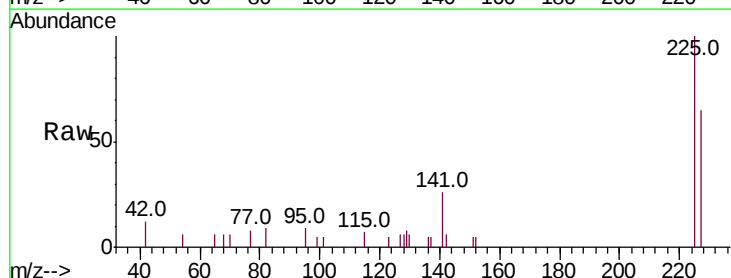
RT: 10.80 min Scan# 861

Delta R.T. -0.01 min

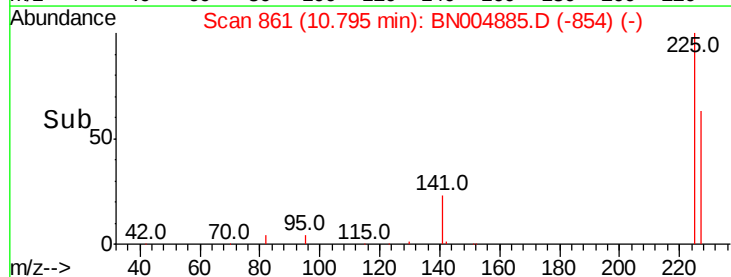
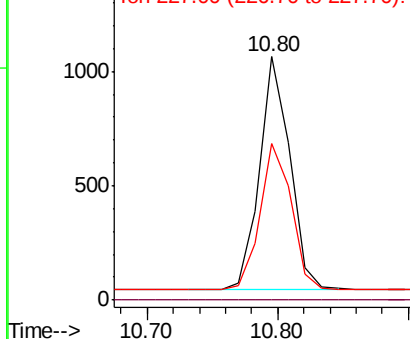
Lab File: BN004885.D

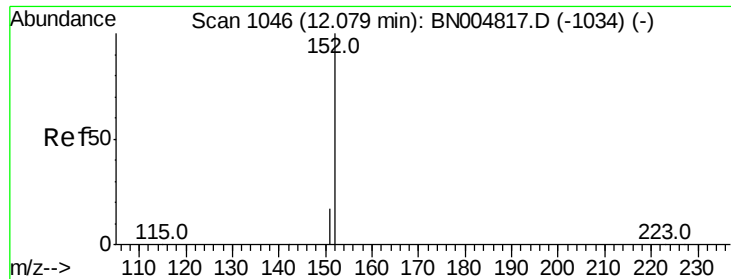
Acq: 22 Mar 2019 12:27

Tgt Ion:	225	Resp:	1635
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	64.8	52.2	78.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





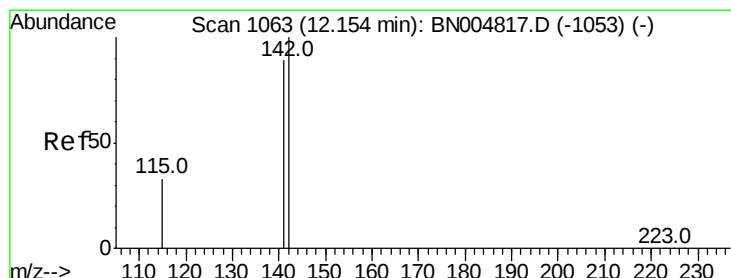
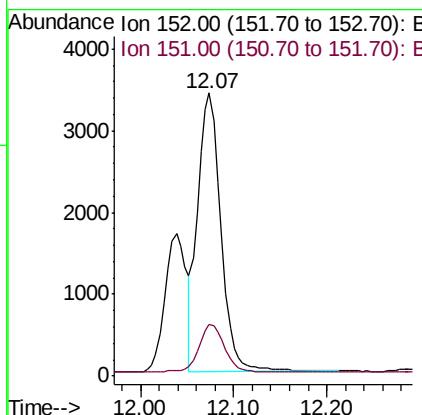
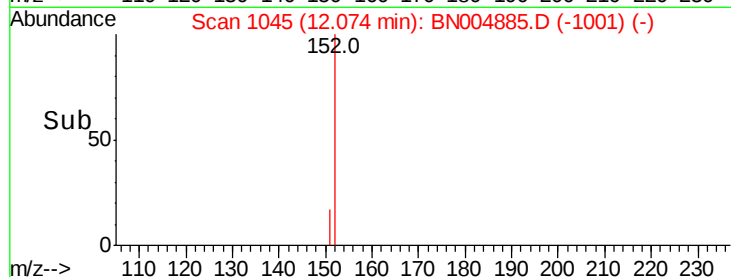
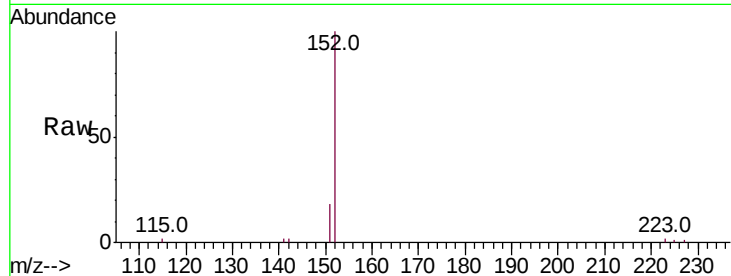
#11
2-Methylnaphthalene-d10
Concen: 0.302 ng
RT: 12.07 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

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

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.5	23.3

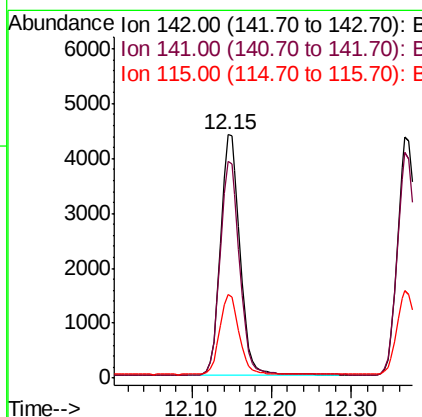
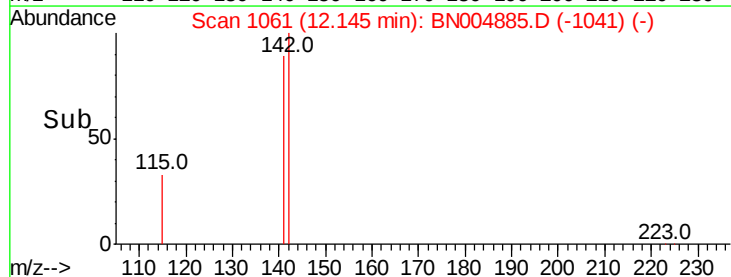
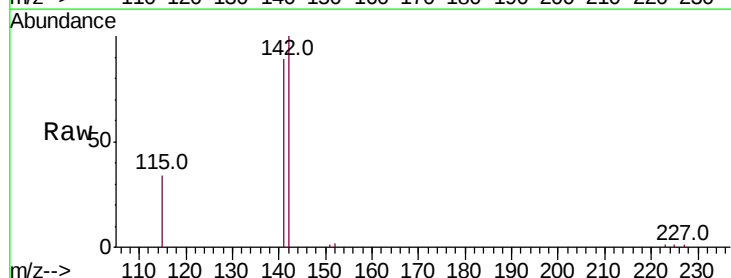
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#12
2-Methylnaphthalene
Concen: 0.315 ng
RT: 12.15 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2
115	34.5	27.5	41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

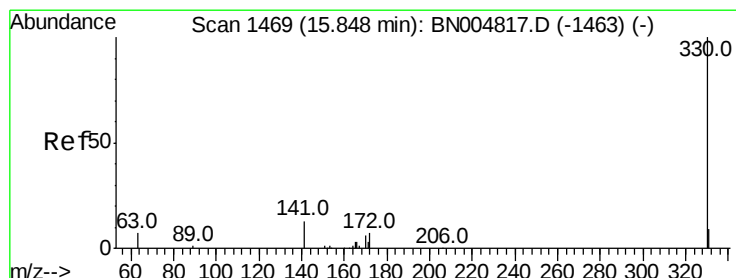
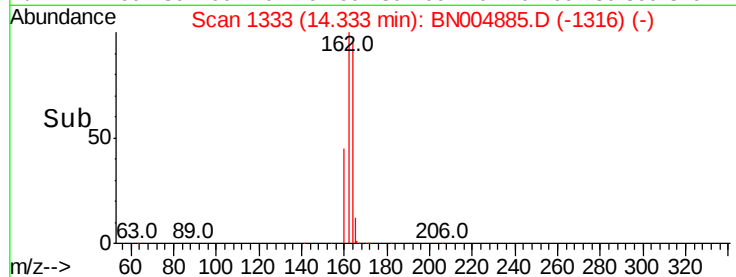
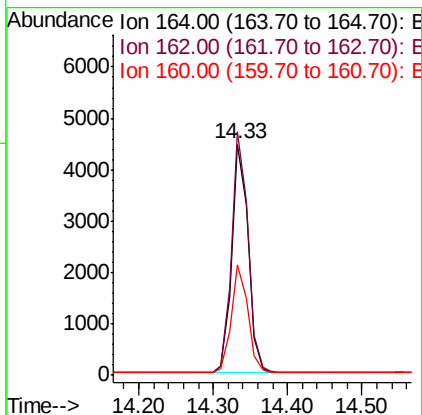
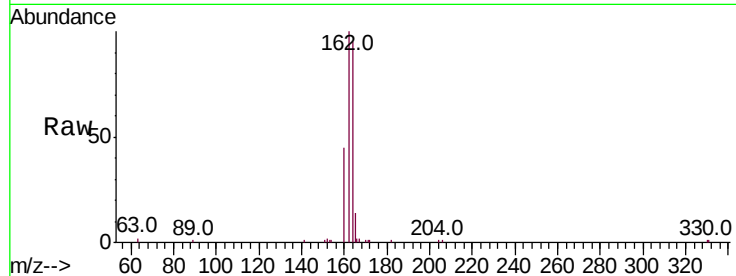
ClientSampleId :

PST-026-SW035-031819MSD

Tot Ion:	164	Resp:	6787
Ion Ratio	Lower	Upper	
164	100		
162	105.4	81.9	122.9
160	47.7	36.6	54.8

Manual Integrations
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#14

2,4,6-Tribromophenol

Concen: 0.271 ng

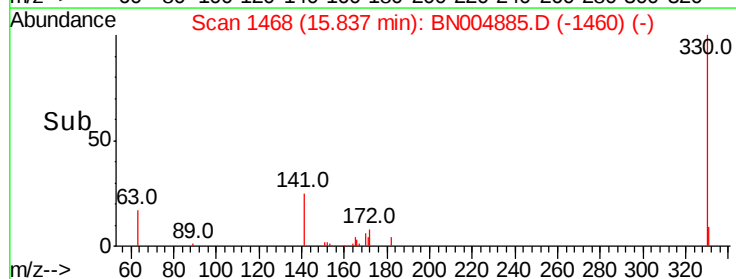
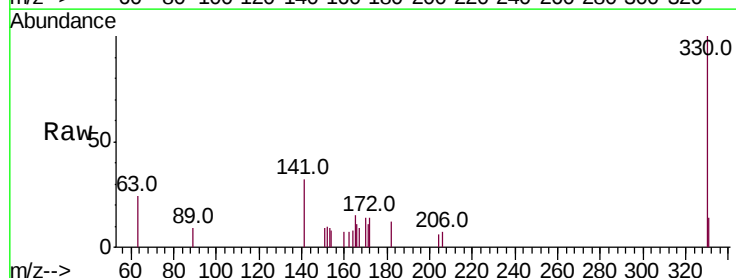
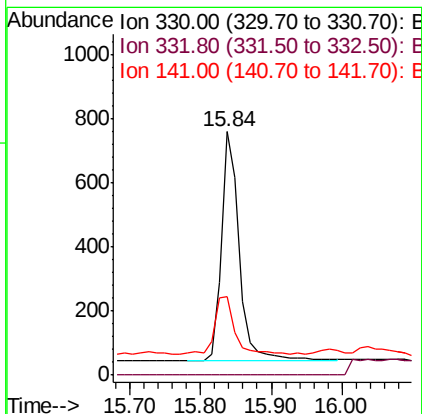
RT: 15.84 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Tgt Ion:	330	Resp:	1270
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	28.2	20.9	31.3





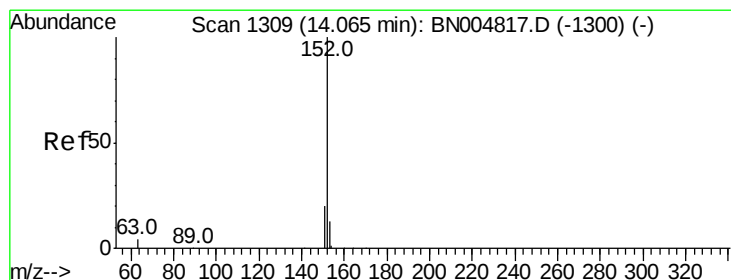
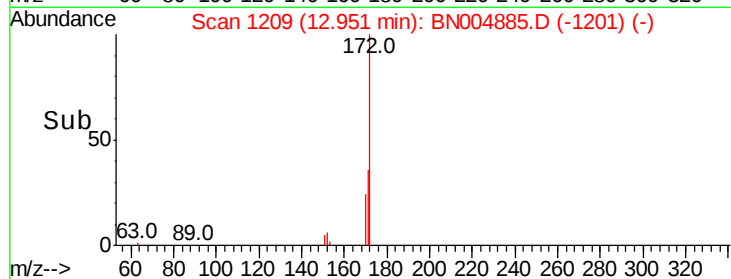
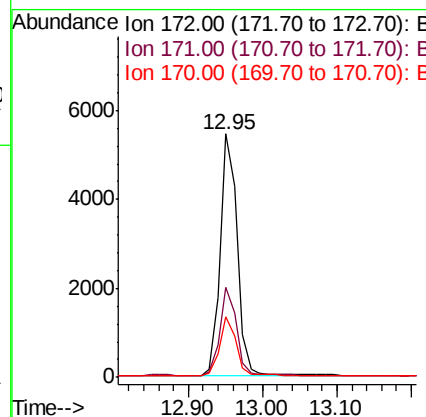
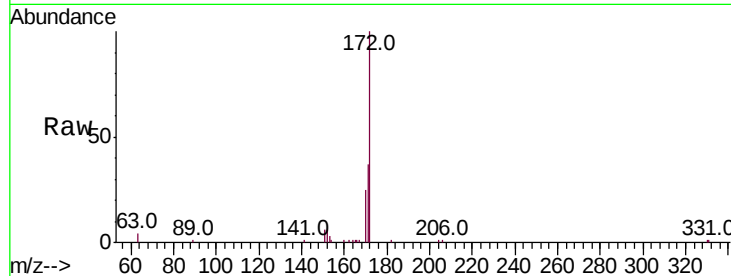
#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.7	43.1
170	24.7	18.7	28.1

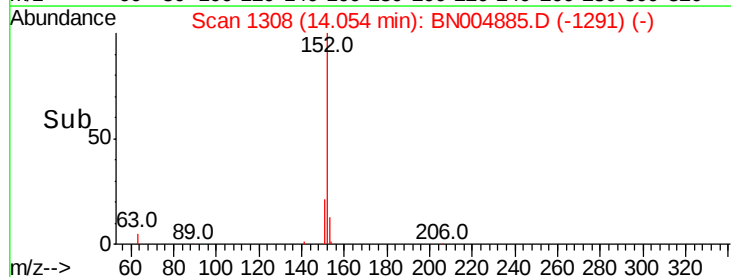
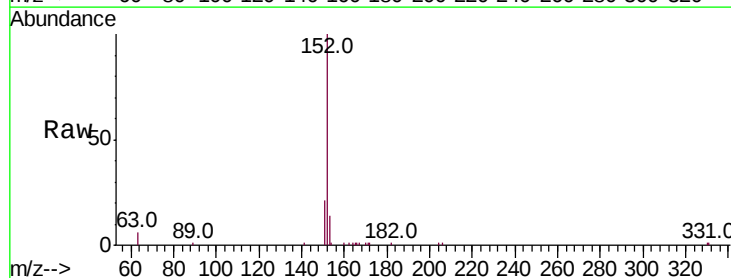
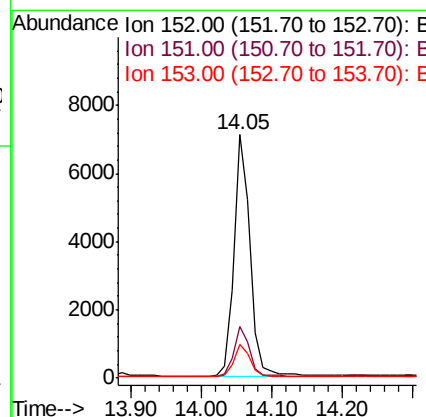
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#16
Acenaphthylene
Concen: 0.329 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.2	10.5	15.7





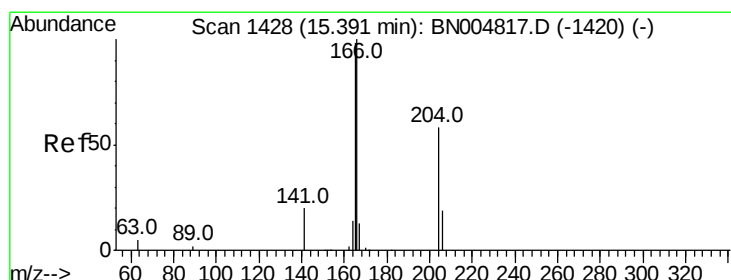
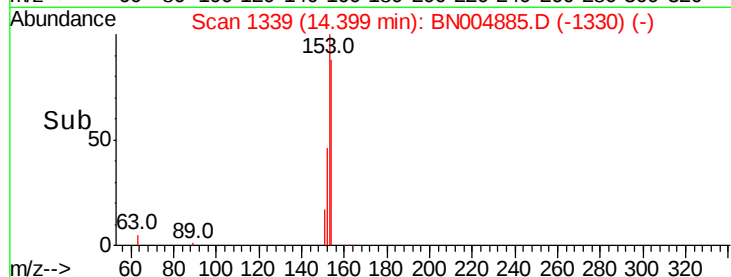
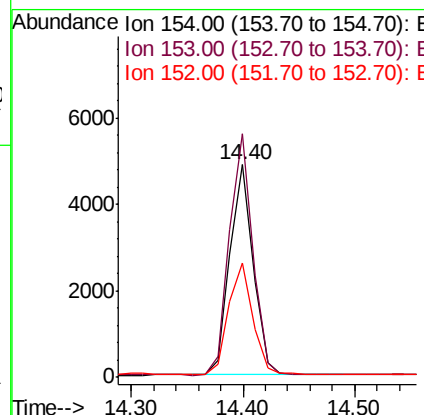
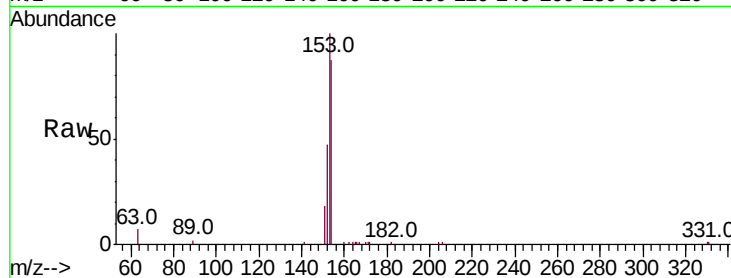
#17
Acenaphthene
Concen: 0.307 ng
RT: 14.40 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.4	137.2
152	55.4	44.2	66.2

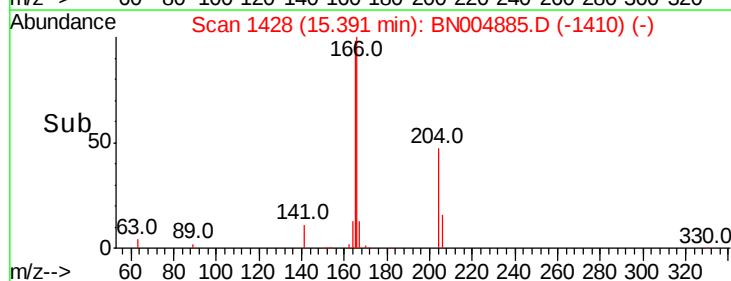
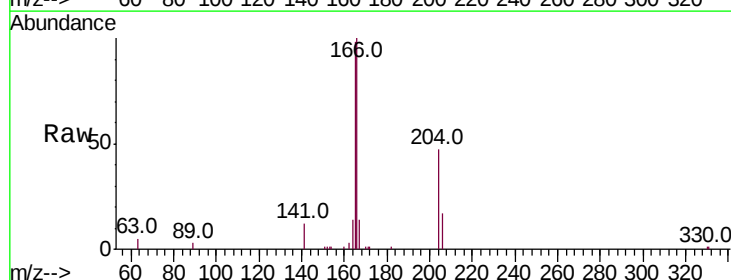
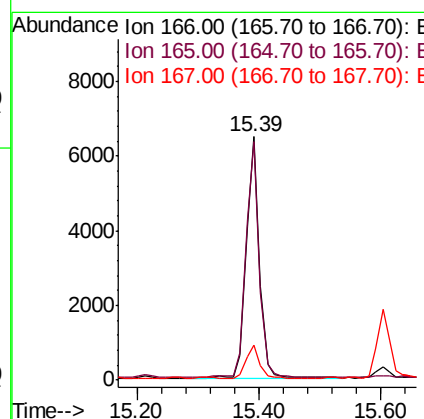
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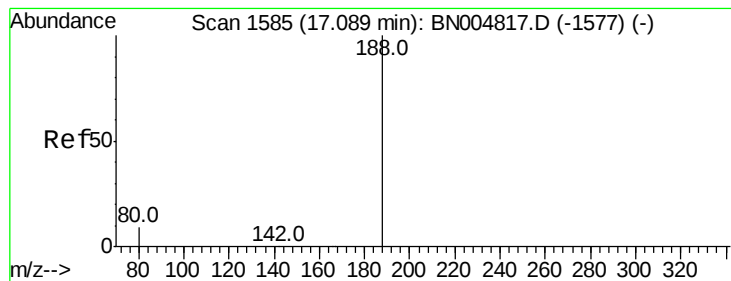
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#18
Fluorene
Concen: 0.301 ng
RT: 15.39 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.2	117.4
167	13.6	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: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

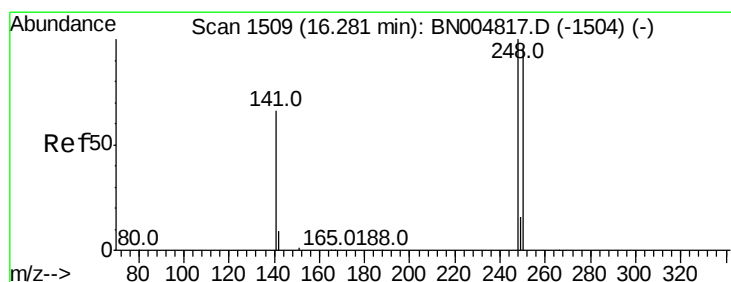
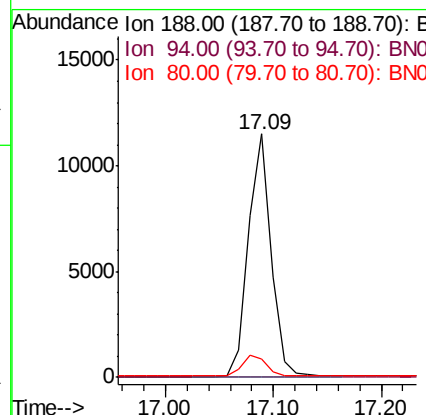
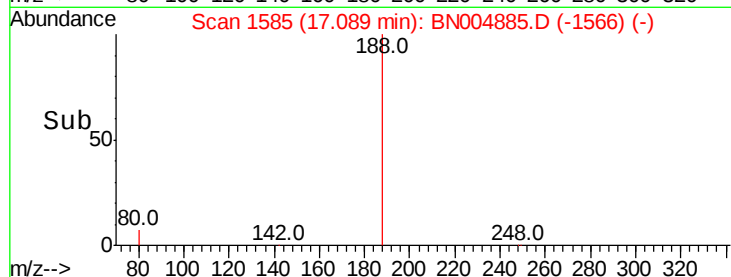
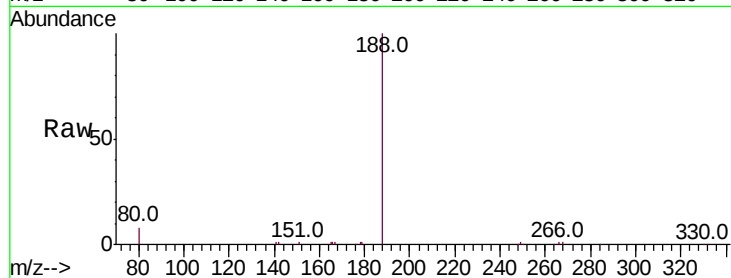
ClientSampleId :

PST-026-SW035-031819MSD

Tot Ion:	188	Resp:	16625
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.6	7.4	11.2

Manual Integrations
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#20

4-Bromophenyl-phenylether

Concen: 0.290 ng

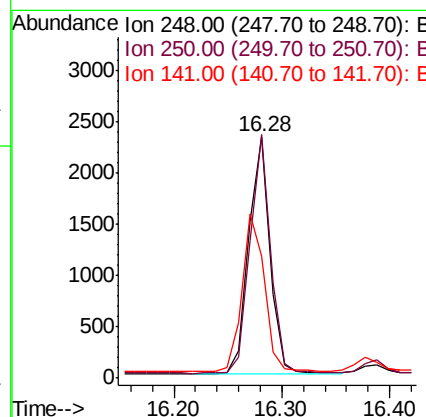
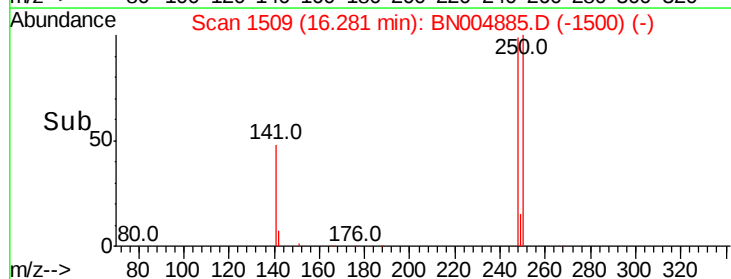
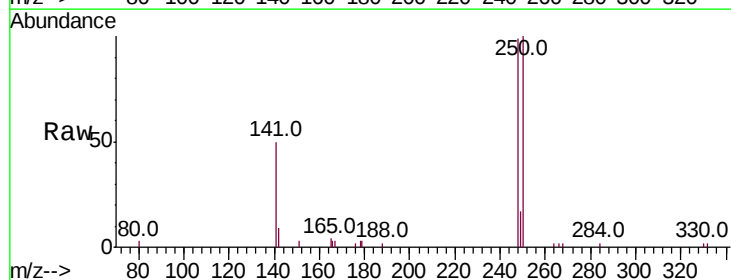
RT: 16.28 min Scan# 1509

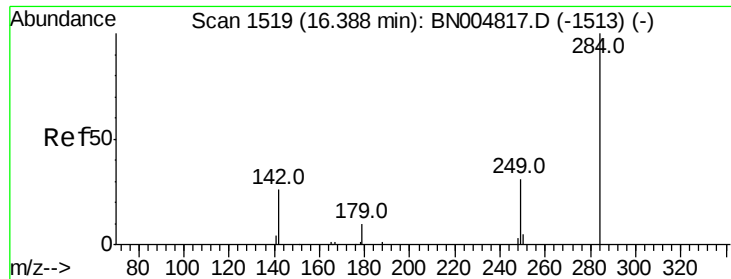
Delta R.T. -0.00 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Tgt Ion:	248	Resp:	3147
Ion Ratio	Lower	Upper	
248	100		
250	100.9	76.2	114.4
141	50.7	53.9	80.9#





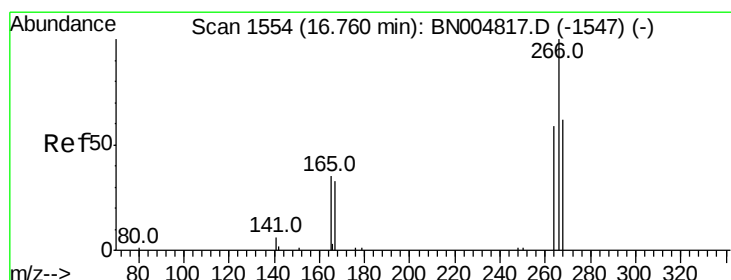
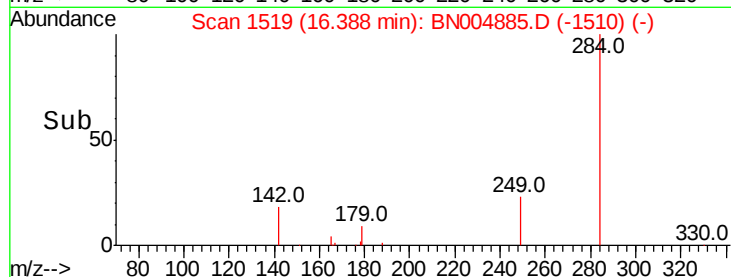
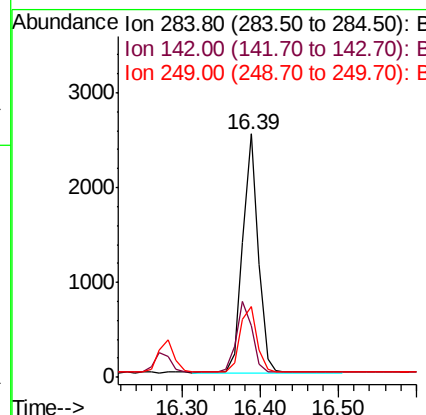
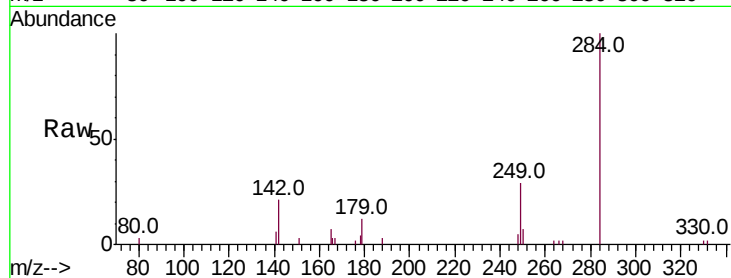
#21
Hexachlorobenzene
Concen: 0.278 ng
RT: 16.39 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

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

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.5	22.6	34.0
249	30.0	22.5	33.7

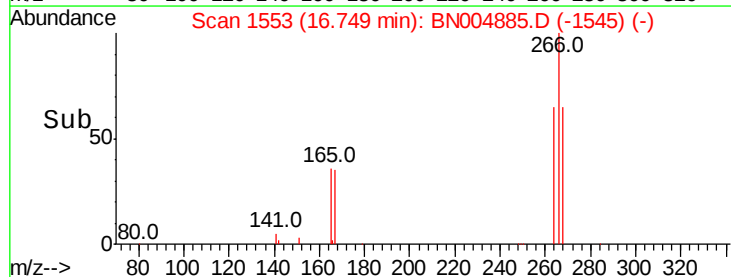
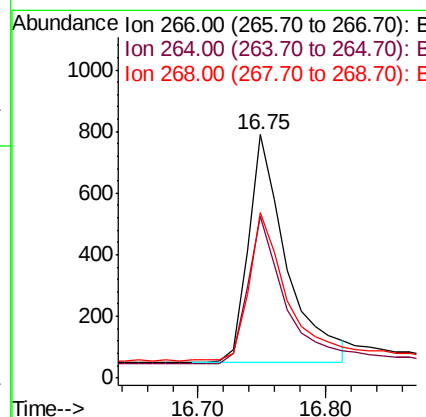
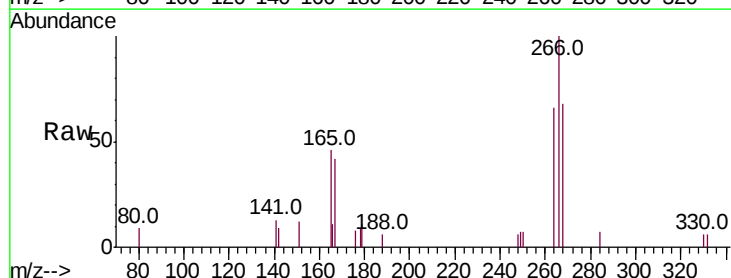
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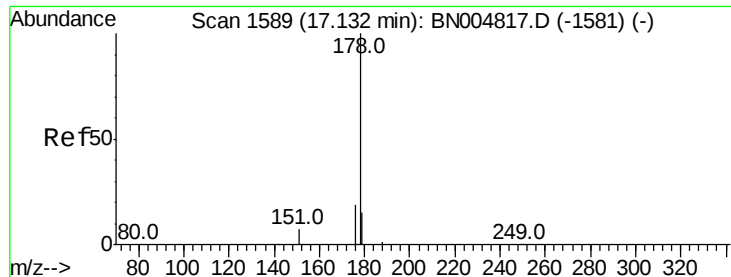
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#22
Pentachlorophenol
Concen: 0.632 ng
RT: 16.75 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.5	53.1	79.7
268	67.8	57.7	86.5





#23

Phenanthrene

Concen: 0.372 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

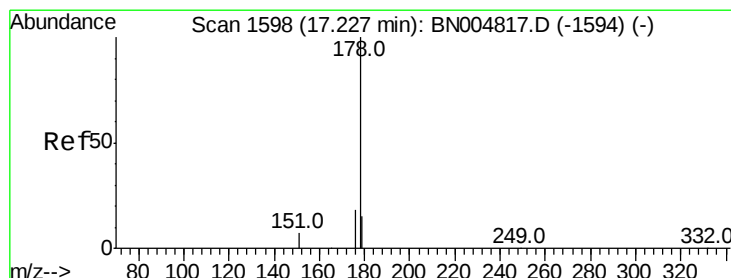
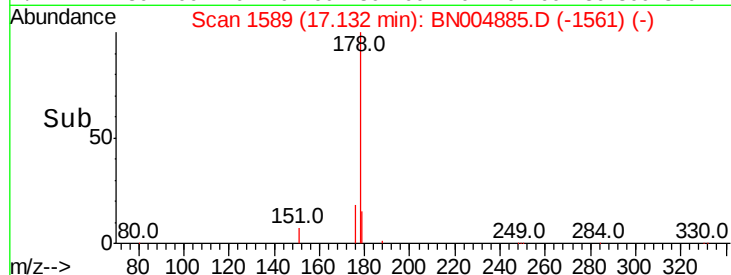
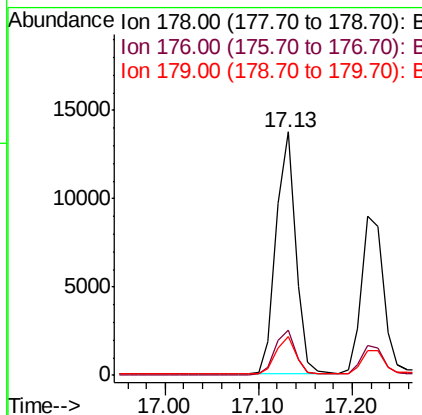
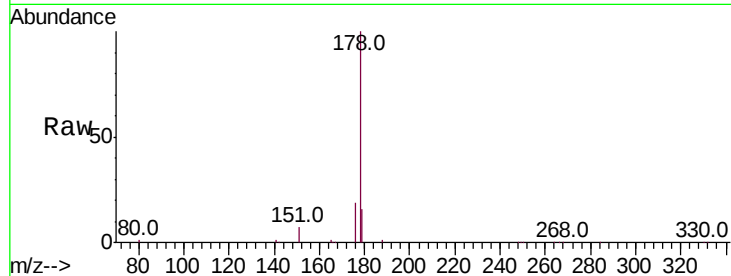
ClientSampleId :

PST-026-SW035-031819MSD

Tot Ion:	178	Resp:	19947
Ion Ratio	Lower	Upper	
178	100		
176	18.7	14.9	22.3
179	15.5	12.1	18.1

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#24

Anthracene

Concen: 0.313 ng

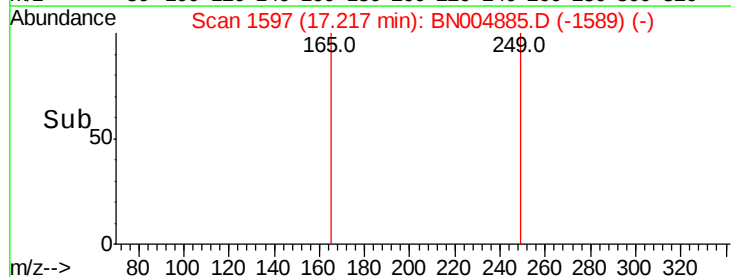
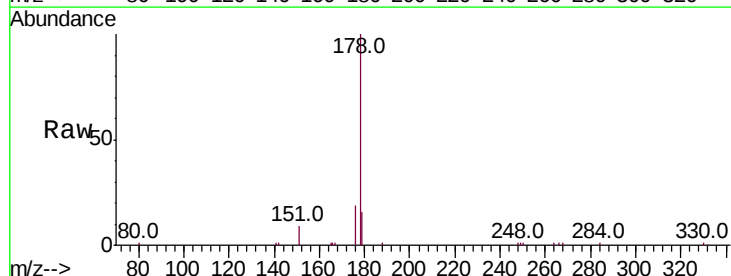
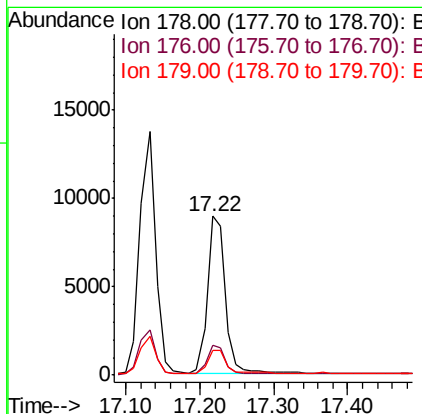
RT: 17.22 min Scan# 1597

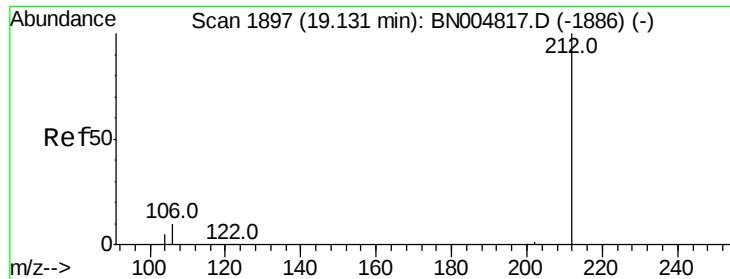
Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Tgt Ion:	178	Resp:	15019
Ion Ratio	Lower	Upper	
178	100		
176	18.0	14.5	21.7
179	14.8	12.2	18.4





#25

Fluoranthene-d10

Concen: 0.288 ng

RT: 19.13 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

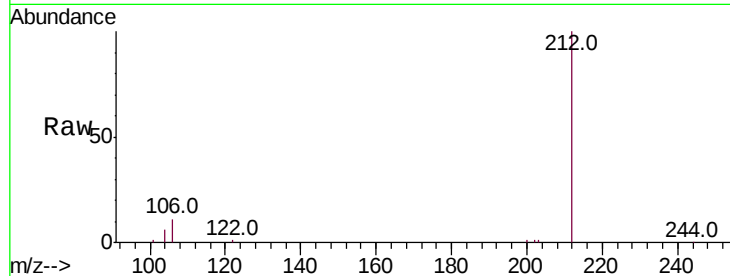
ClientSampleId :

PST-026-SW035-031819MSD

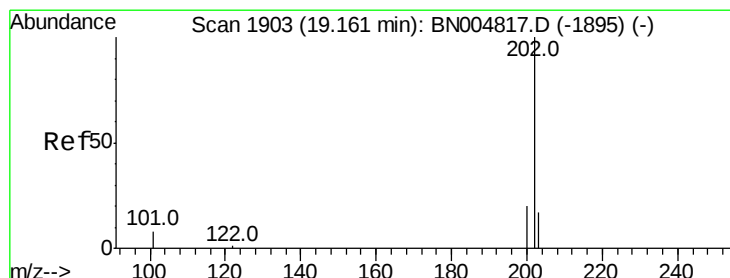
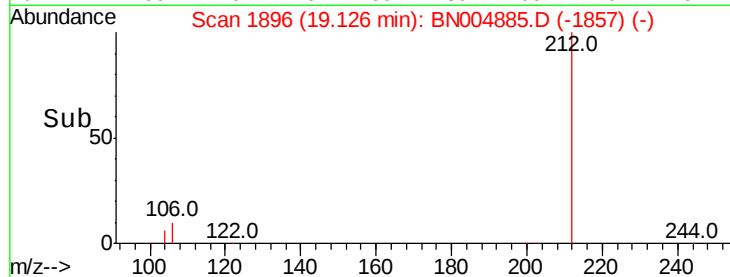
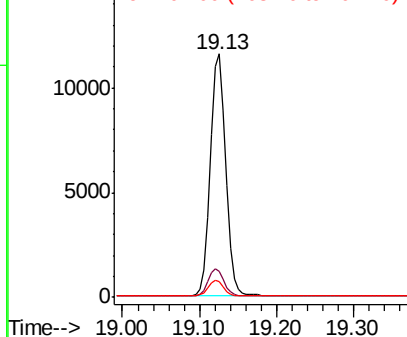
Tot Ion:	212	Resp:	16034
Ion Ratio	Lower	Upper	
212	100		
106	11.5	8.6	13.0
104	6.4	4.7	7.1

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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: 0.381 ng

RT: 19.16 min Scan# 1902

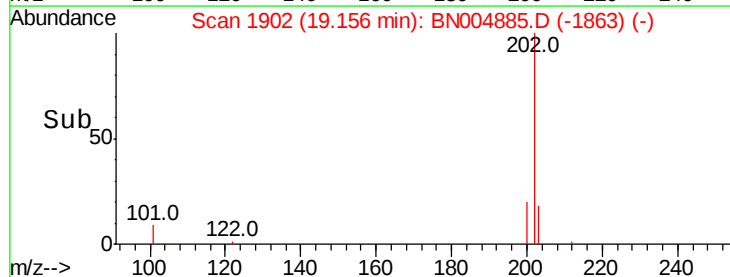
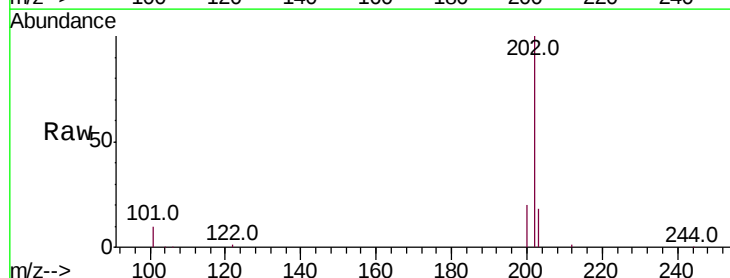
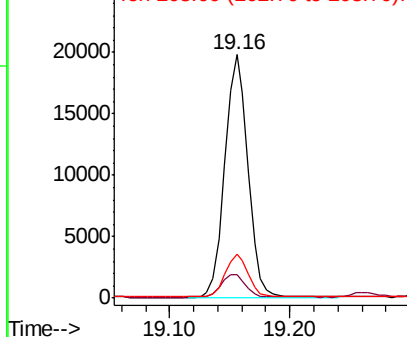
Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Tgt Ion:	202	Resp:	26265
Ion Ratio	Lower	Upper	
202	100		
101	9.9	7.5	11.3
203	17.4	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





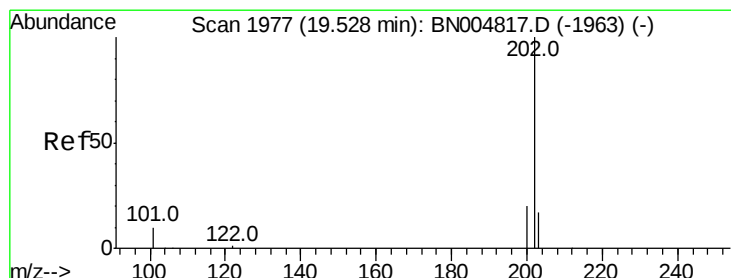
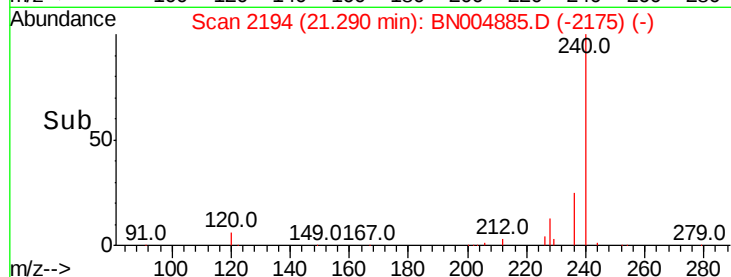
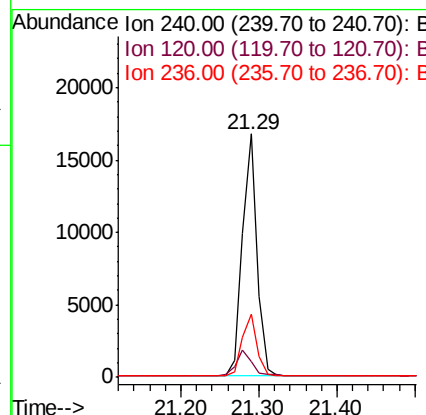
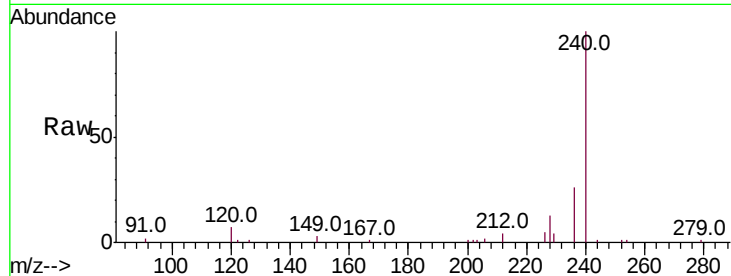
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.7	7.2	10.8#
236	25.9	20.9	31.3

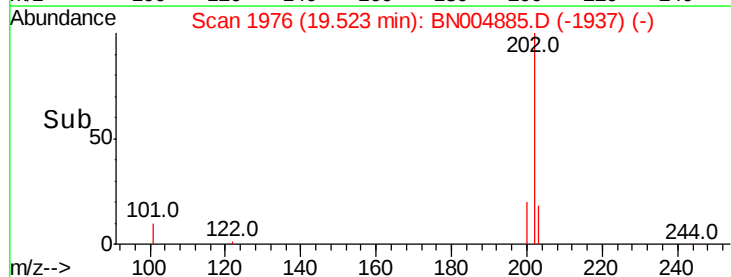
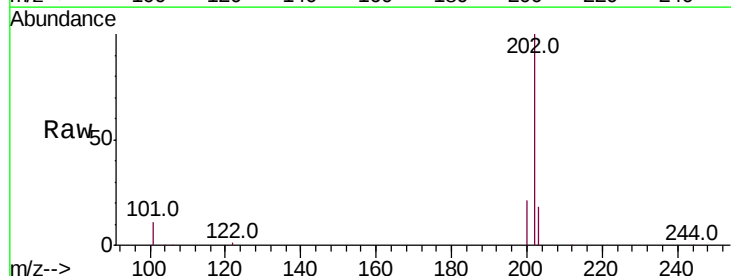
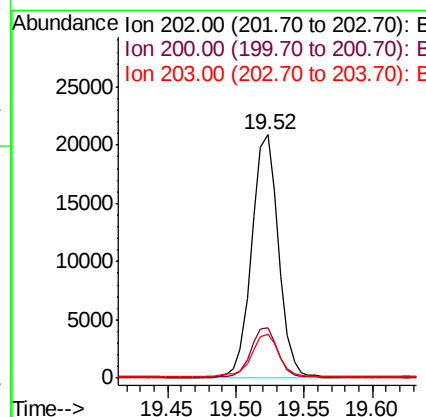
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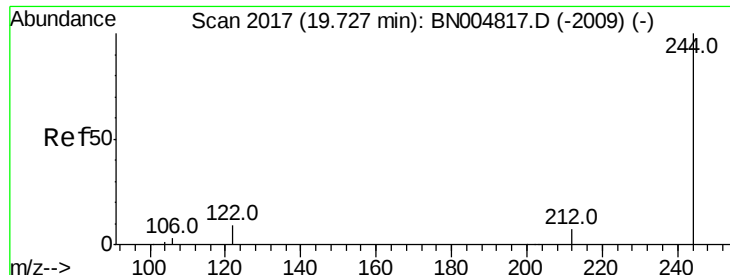
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#28
Pyrene
Concen: 0.428 ng
RT: 19.52 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	18.5	14.0	21.0





#29

Terphenyl-d14

Concen: 0.284 ng

RT: 19.72 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

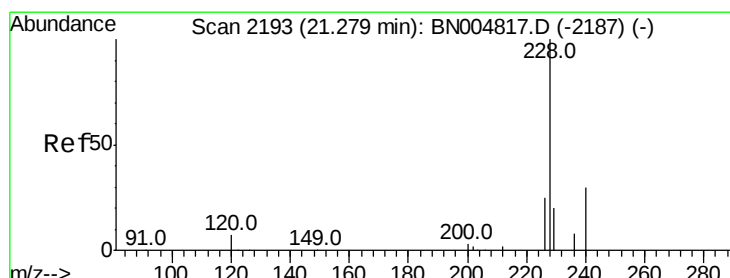
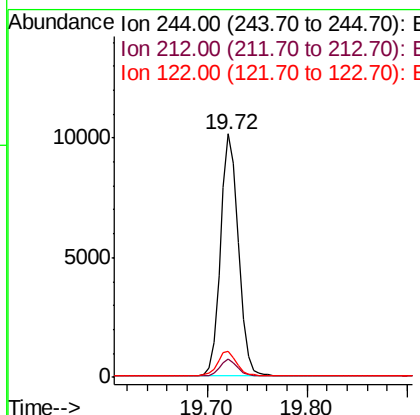
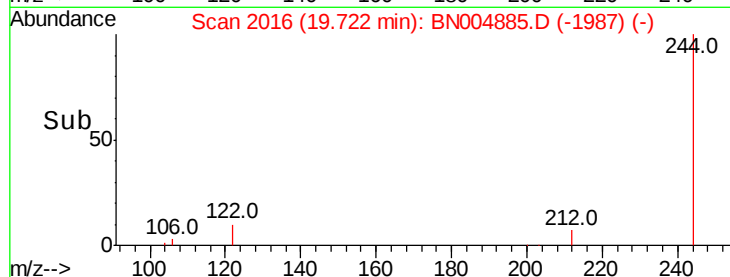
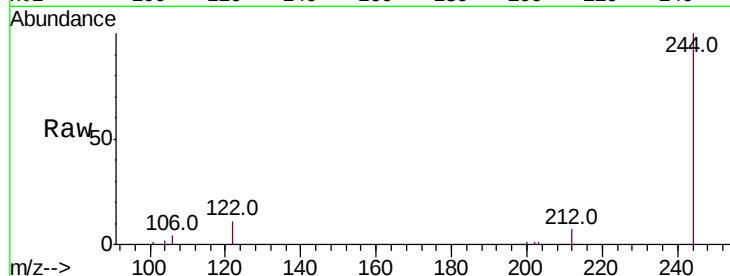
ClientSampleId :

PST-026-SW035-031819MSD

Tot Ion:	244	Resp:	12620
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.8	8.6
122	10.6	7.9	11.9

Manual Integrations
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#30

Benzo(a)anthracene

Concen: 0.359 ng

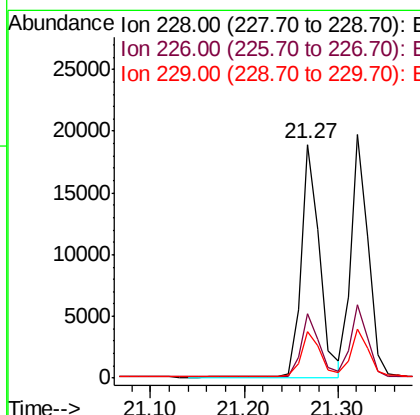
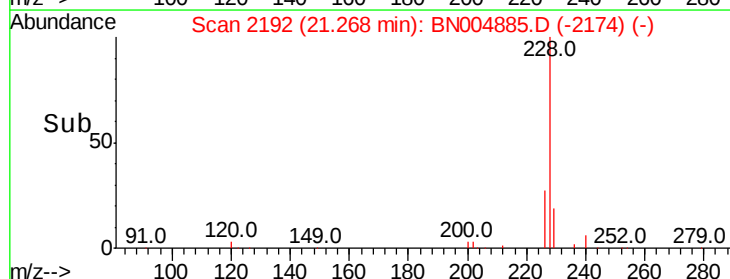
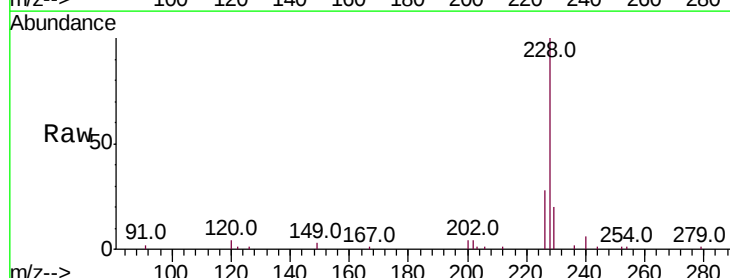
RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Tgt Ion:	228	Resp:	25575
Ion Ratio	Lower	Upper	
228	100		
226	27.7	20.6	31.0
229	19.9	16.2	24.4





#31

Chrysene

Concen: 0.337 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

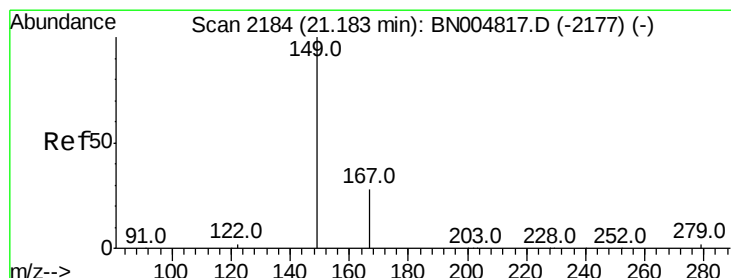
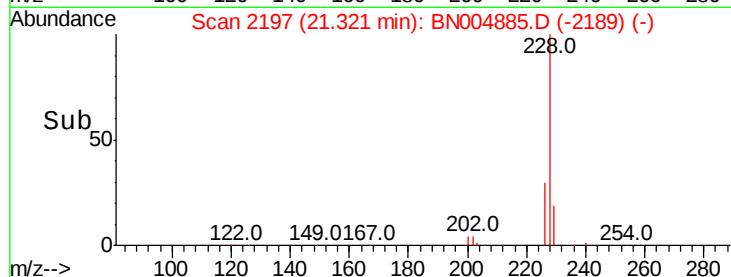
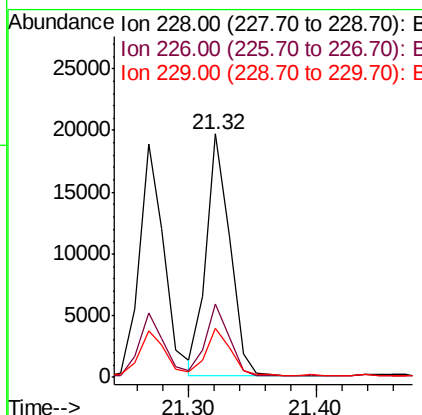
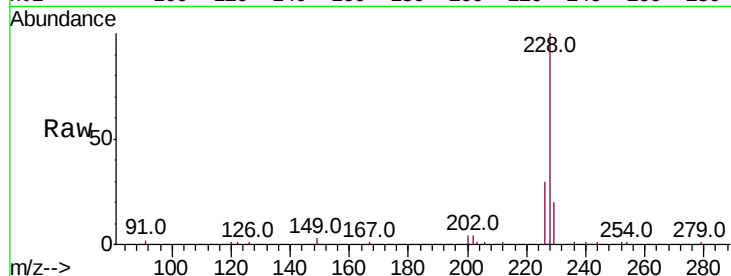
ClientSampleId :

PST-026-SW035-031819MSD

Tot Ion:	228	Resp:	25246
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.0	34.6
229	20.2	16.2	24.2

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.474 ng

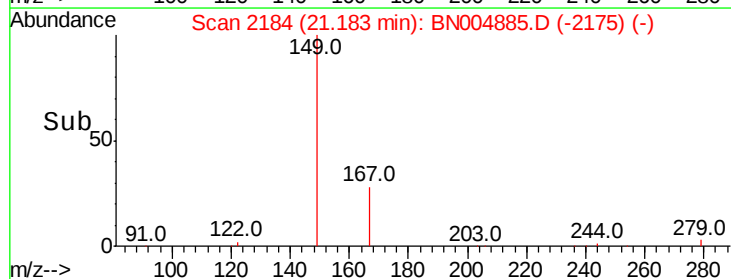
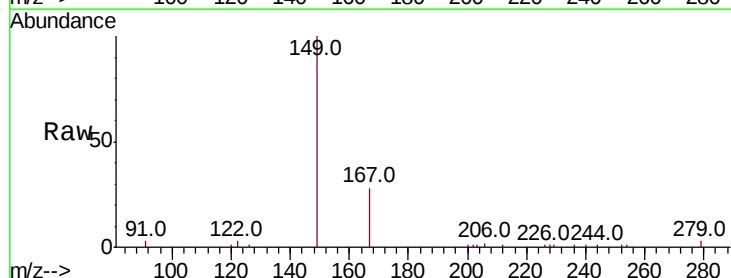
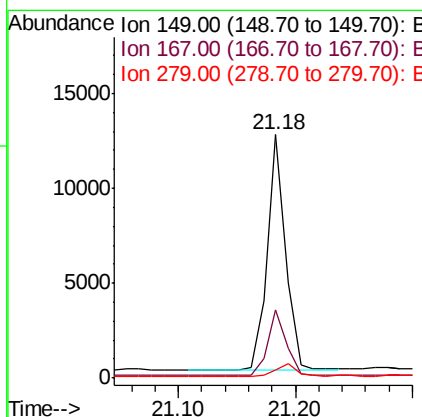
RT: 21.18 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Tgt Ion:	149	Resp:	13489
Ion Ratio	Lower	Upper	
149	100		
167	28.1	23.0	34.4
279	5.3	4.6	6.8





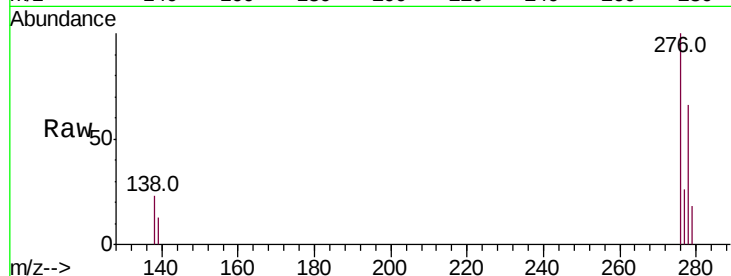
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.226 ng
RT: 25.81 min Scan# 3293
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.4	16.6	24.8
277	25.2	20.3	30.5

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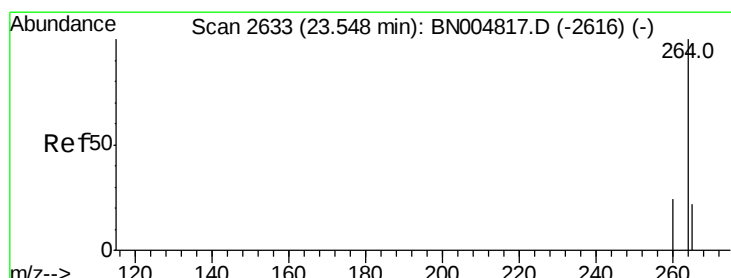
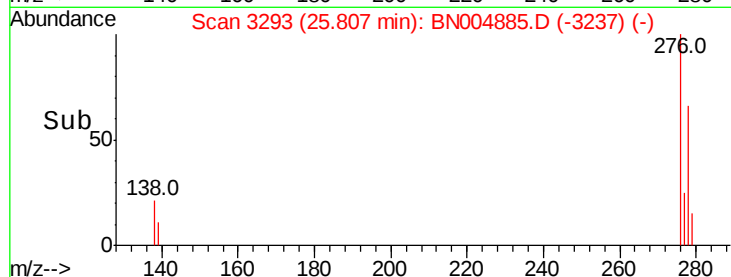
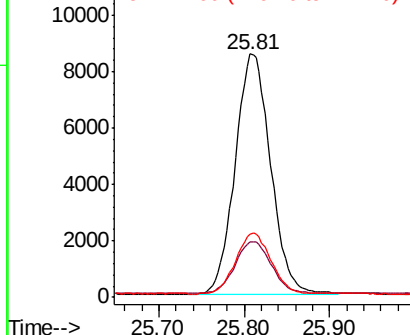


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.54 min Scan# 2631
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

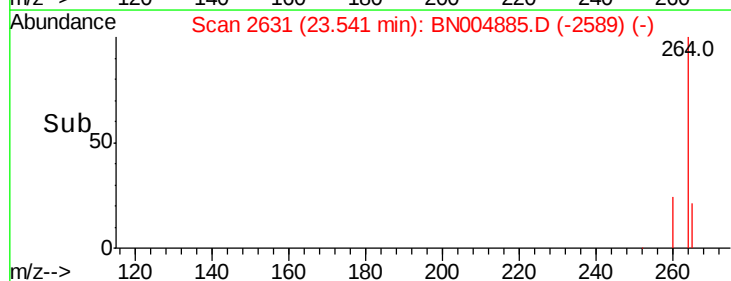
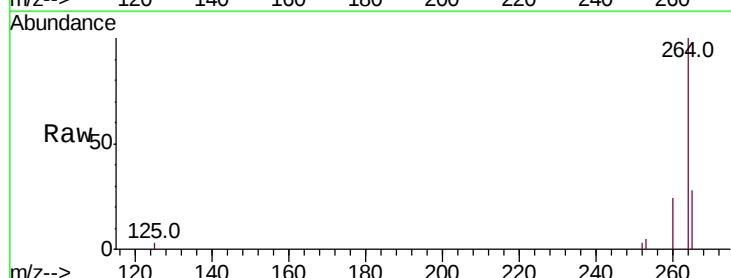
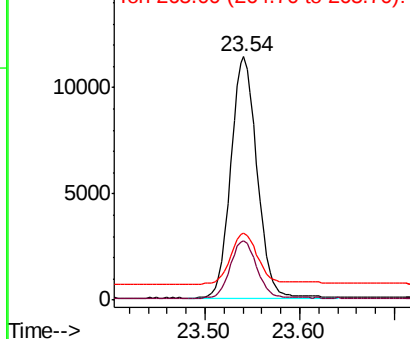
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	27.7	23.1	34.7

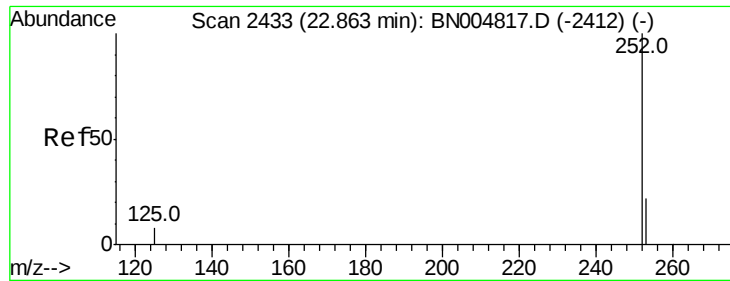
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.342 ng m

RT: 22.86 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

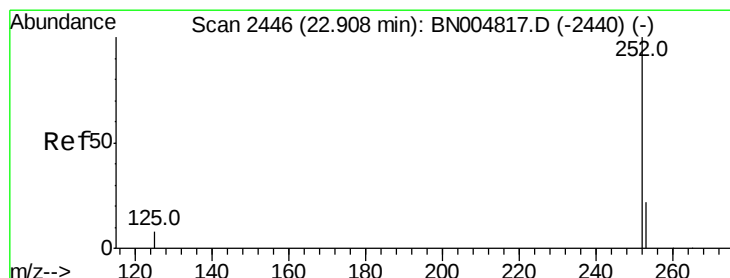
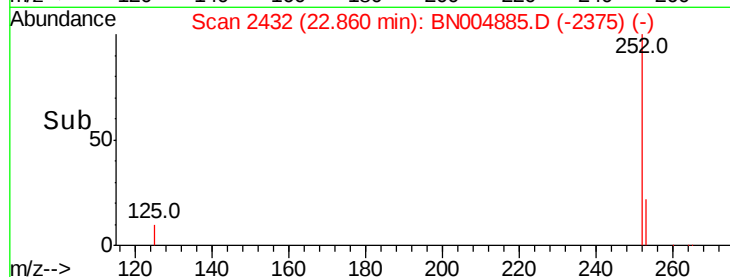
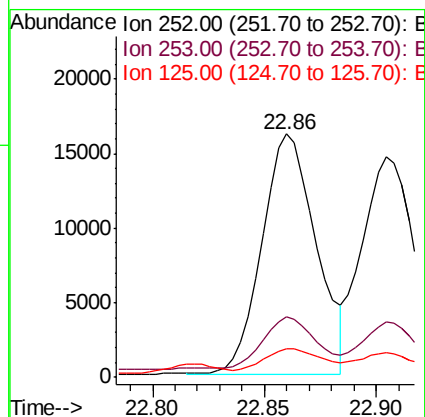
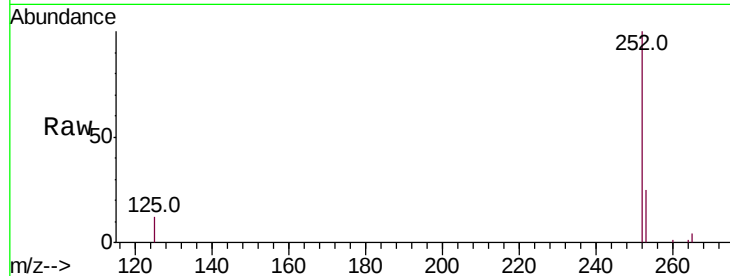
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.0	28.4
125	11.6	7.4	11.2

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#36

Benzo(k)fluoranthene

Concen: 0.312 ng

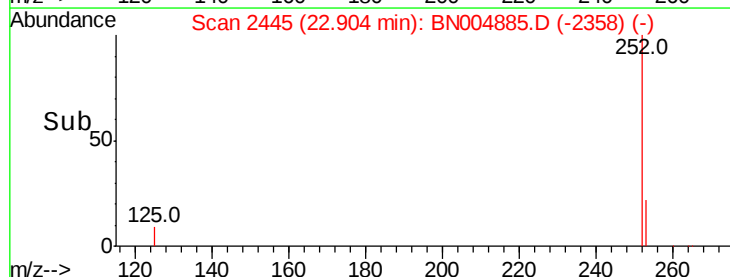
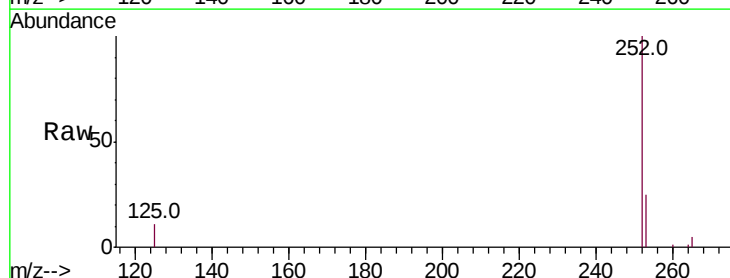
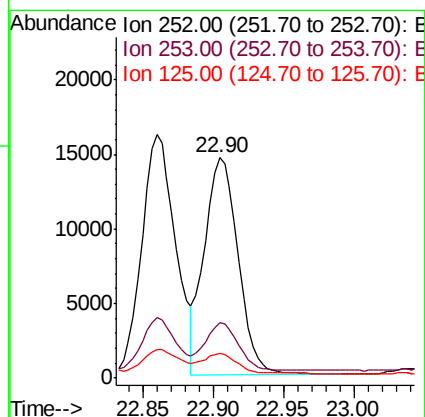
RT: 22.90 min Scan# 2445

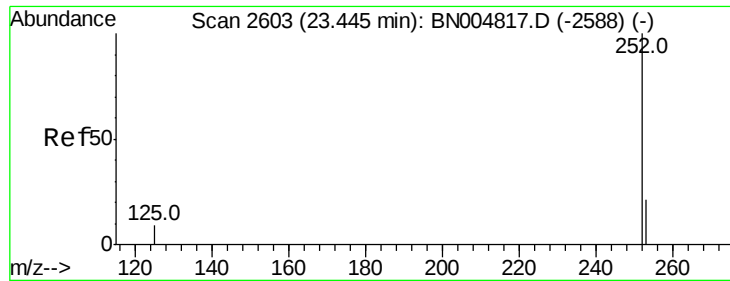
Delta R.T. -0.00 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.3	28.9
125	11.1	7.4	11.0





#37

Benzo(a)pyrene

Concen: 0.327 ng

RT: 23.44 min Scan# 2602

Delta R.T. -0.00 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

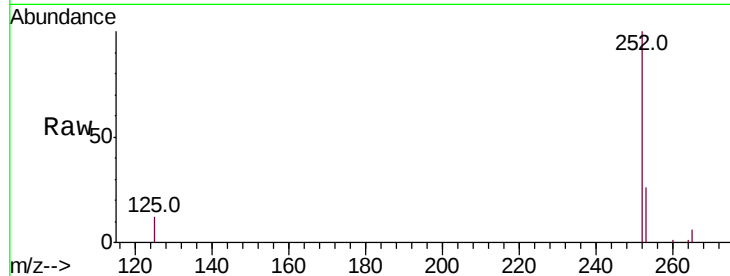
ClientSampleId :

PST-026-SW035-031819MSD

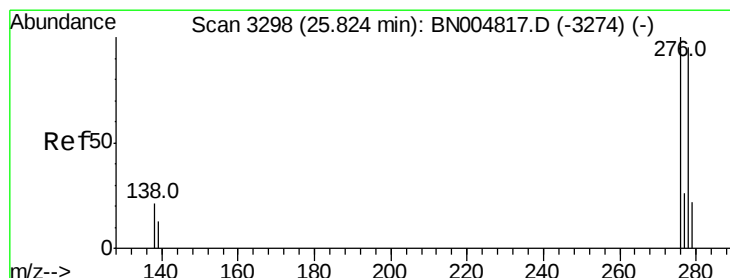
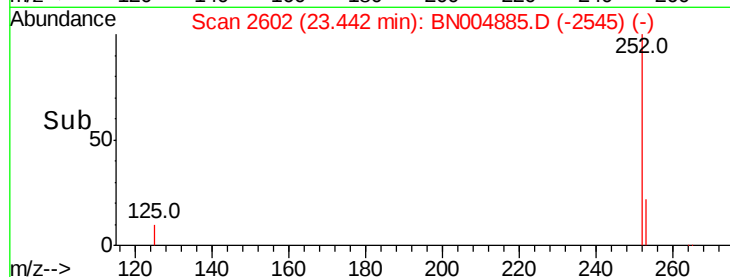
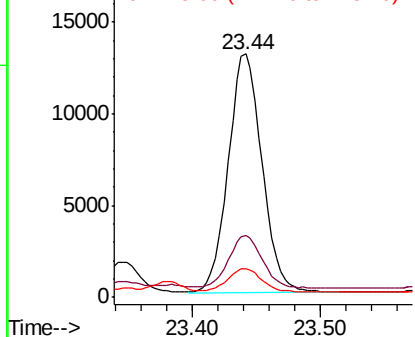
Tot Ion:	252	Resp:	23815
Ion Ratio	Lower	Upper	
252	100		
253	25.5	19.7	29.5
125	11.7	8.3	12.5

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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: 0.229 ng

RT: 25.82 min Scan# 3297

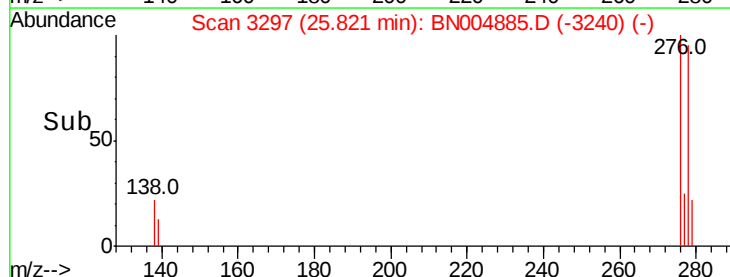
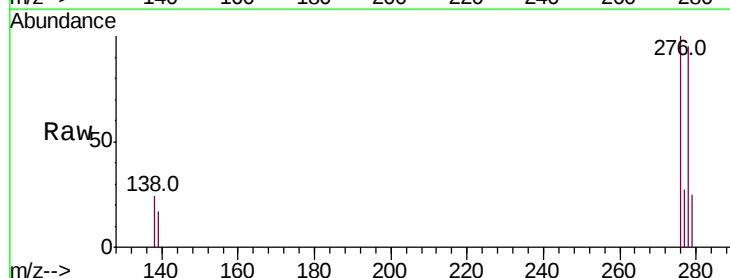
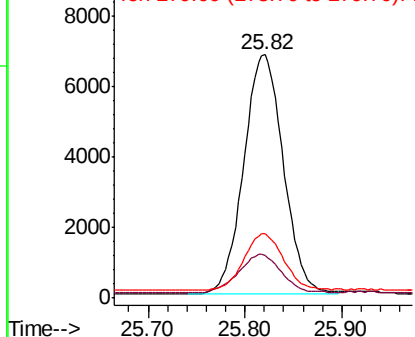
Delta R.T. -0.00 min

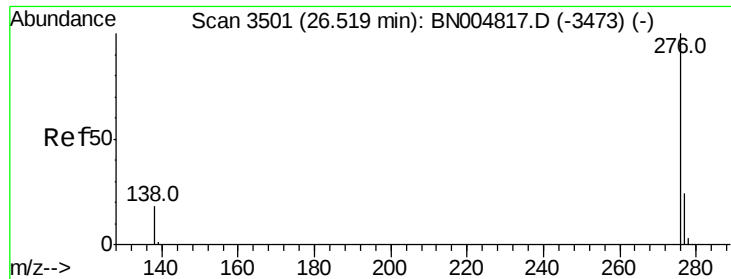
Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Tgt Ion:	278	Resp:	19324
Ion Ratio	Lower	Upper	
278	100		
139	17.8	11.7	17.5#
279	26.4	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: 0.244 ng

RT: 26.51 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BN004885.D

Acq: 22 Mar 2019 12:27

Instrument :

BNA_N

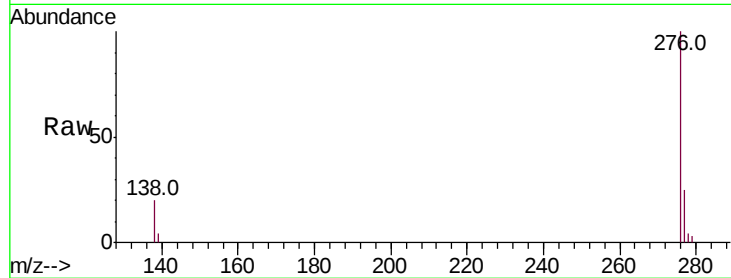
ClientSampleId :

PST-026-SW035-031819MSD

Tot Ion:	276	Resp:	20949
Ion Ratio	Lower	Upper	
276	100		
277	25.0	19.7	29.5
138	20.3	14.6	22.0

Manual Integrations
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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

