

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
 Data File : BN002025.D
 Acq On : 12 Jul 2018 12:08
 Operator : JU/SJ
 Sample : J3775-02DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAZP1DL

Manual Integrations
 APPROVED

Sohil
 7/12/2018 3:04:14 PM

Quant Time: Jul 12 13:13:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 11 22:41:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	574504	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	2661706	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1564408	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3329520	20.00	ng/ul	0.01
75) Chrysene-d12	21.29	240	2345668	20.00	ng/ul	0.01
83) Perylene-d12	23.54	264	2128646	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	30583	2.31	ng/uL	0.00
5) Phenol-d5	6.89	99	778891	14.98	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.05	67	470828	14.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	623114	15.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	616061	14.79	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	317176	16.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	353523	17.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	646605	14.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	397421	8.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1942927	14.71	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2494340	15.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	300664	12.35	ng/ul	0.02
57) Fluorene-d10	15.34	176	1744622	15.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	163951	9.04	ng/ul	0.01
70) Anthracene-d10	17.19	188	2545960	15.83	ng/ul	0.01
76) Pyrene-d10	19.49	212	2427312	20.53	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.40	264	1794163	15.50	ng/ul	0.02

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.80	163	485717	3.741	ng/ul#	99
49) Acenaphthene	14.40	153	166341	1.523	ng/ul	96
69) Phenanthrene	17.13	178	4693627	25.025	ng/ul	99
71) Anthracene	17.22	178	1014207	5.342	ng/ul	97
72) Carbazole	17.49	167	439716	2.765	ng/ul	98
74) Fluoranthene	19.16	202	8259600	41.895	ng/ul#	87
77) Pyrene	19.52	202	6549355	44.617	ng/ul#	85
80) Benzo(a)anthracene	21.28	228	3126832	21.092	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.22	149	312628	3.347	ng/ul	99
82) Chrysene	21.33	228	2949608	21.384	ng/ul	98
85) Benzo(b)fluoranthene	22.87	252	3176210	23.625	ng/ul#	94
86) Benzo(k)fluoranthene	22.91	252	1063620m	8.158	ng/ul	
88) Benzo(a)pyrene	23.45	252	1914936	15.242	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.79	276	1450558	10.851	ng/ul#	89
90) Dibenzo(a,h)anthracene	25.79	278	394303	3.544	ng/ul#	86
91) Benzo(g,h,i)perylene	26.47	276	1187230	10.766	ng/ul#	90

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

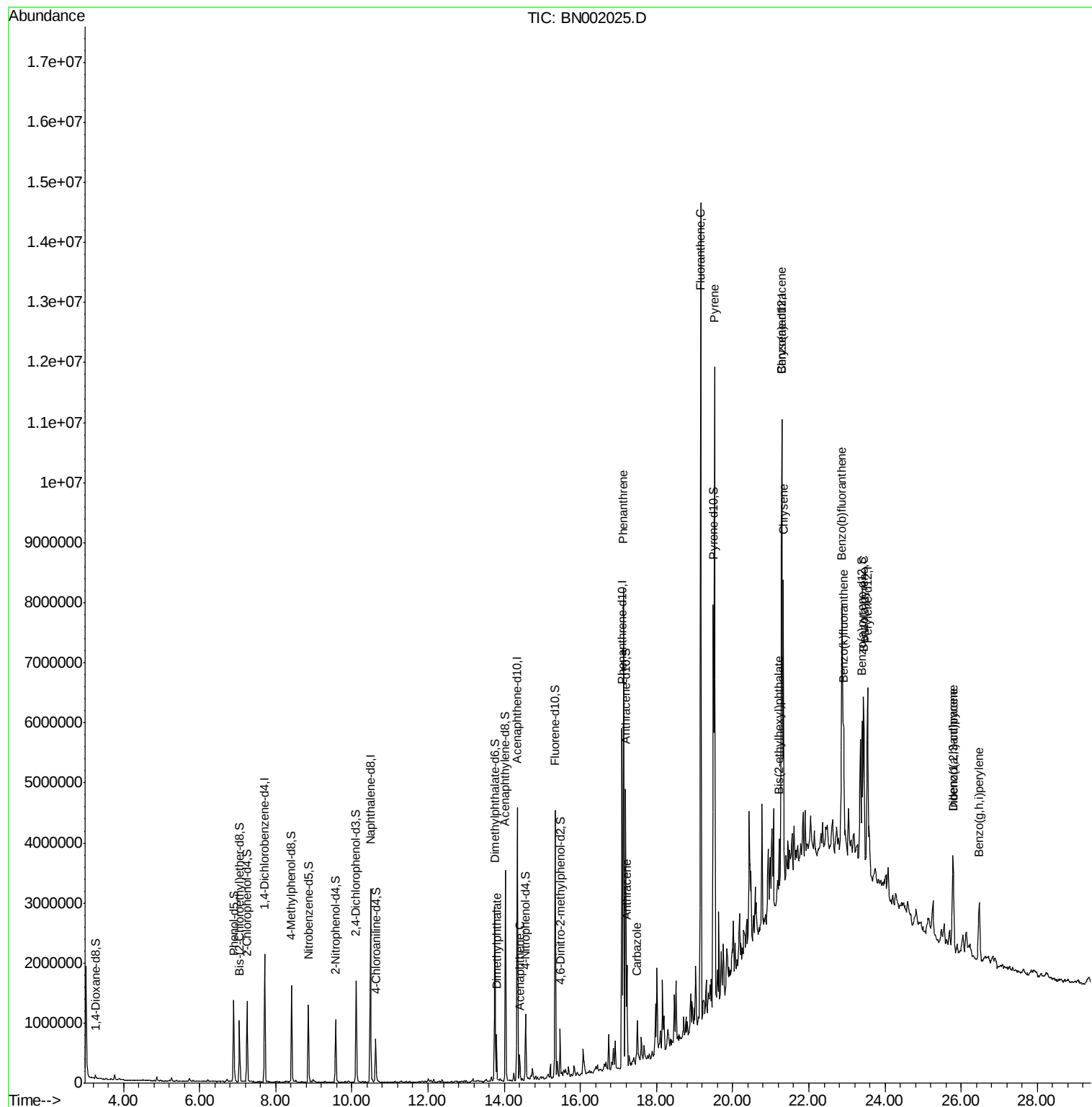
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071118\
Data File : BN002025.D
Acq On : 12 Jul 2018 12:08
Operator : JU/SJ
Sample : J3775-02DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

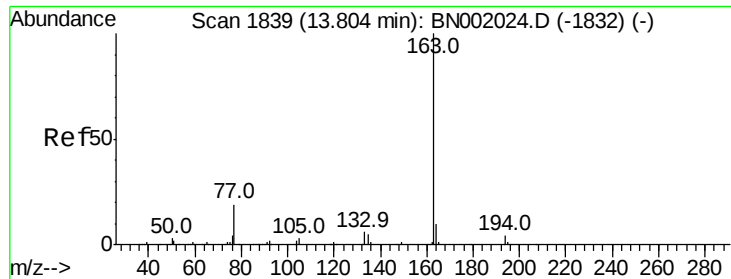
Instrument :
BNA_N
ClientSampleId :
DAZP1DL

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Quant Title : SVOA CALIBRATION
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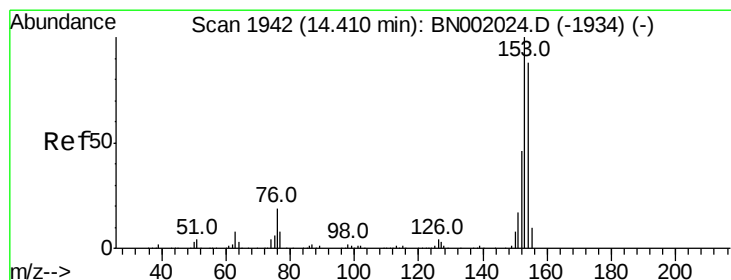
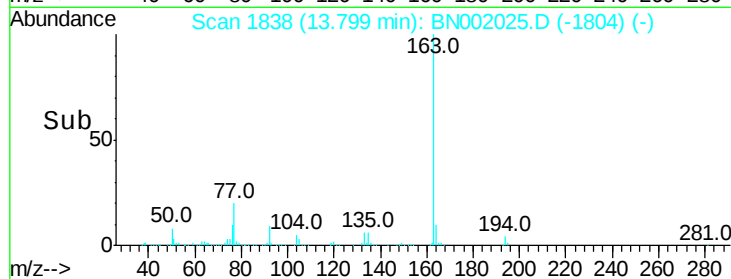
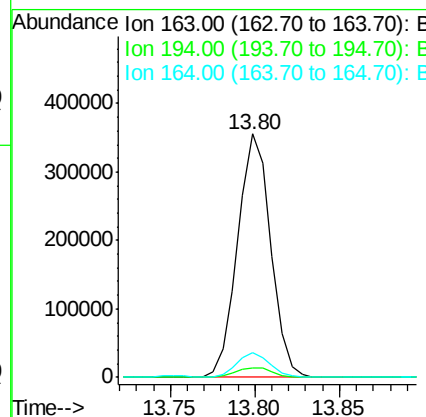
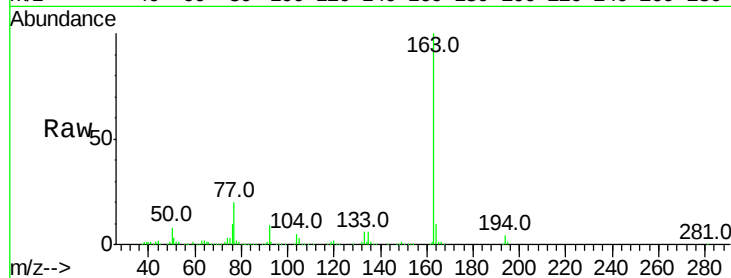
#44
Dimethylphthalate
Concen: 3.741 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BN002025.D
Acq: 12 Jul 2018 12:08

Instrument :
BNA_N
ClientSampleId :
DAZP1DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.0	6.0#
164	10.3	8.4	12.6

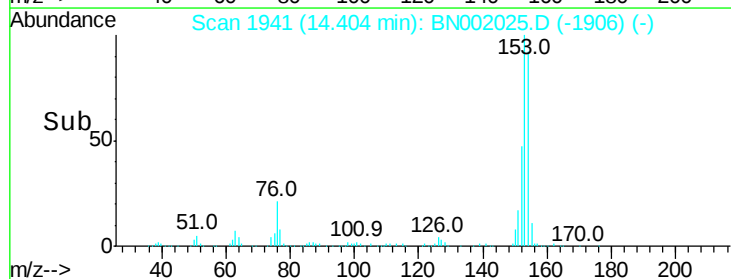
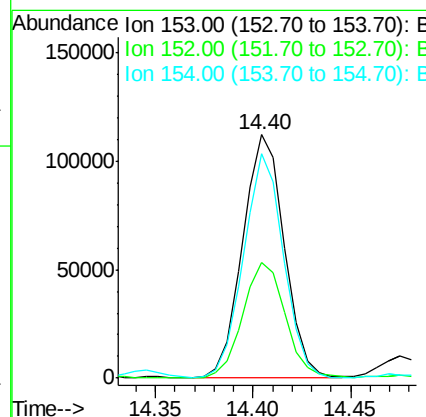
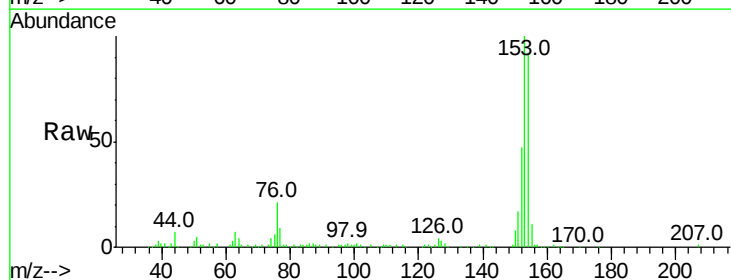
Manual Integrations
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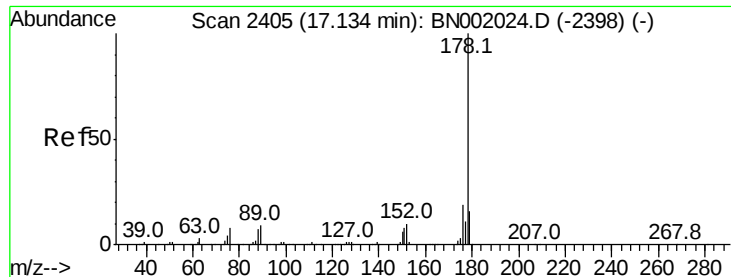
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#49
Acenaphthene
Concen: 1.523 ng/ul
RT: 14.40 min Scan# 1941
Delta R.T. 0.01 min
Lab File: BN002025.D
Acq: 12 Jul 2018 12:08

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.3	37.9	56.9
154	92.3	69.8	104.6





#69

Phenanthrene

Concen: 25.025 ng/ul

RT: 17.13 min Scan# 2405

Delta R.T. 0.01 min

Lab File: BN002025.D

Acq: 12 Jul 2018 12:08

Instrument :

BNA_N

ClientSampleId :

DAZP1DL

Tot Ion:178 Resp: 4693627

Ion Ratio Lower Upper

178 100

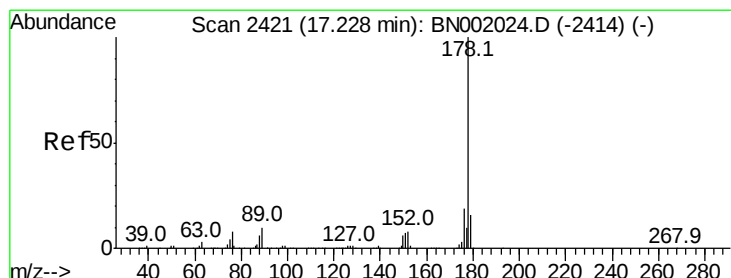
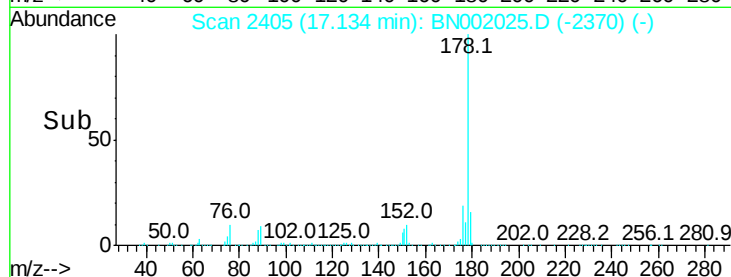
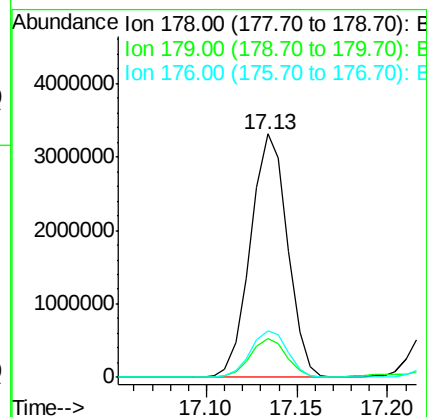
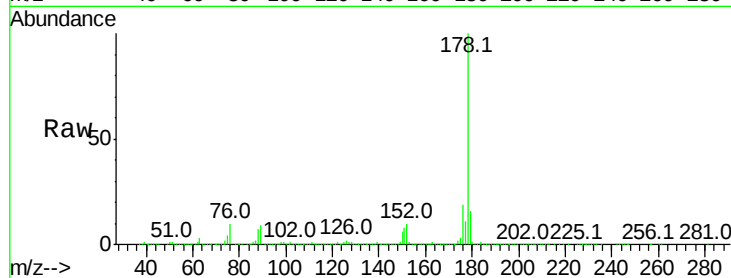
179 16.0 12.3 18.5

176 19.3 15.4 23.0

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#71

Anthracene

Concen: 5.342 ng/ul

RT: 17.22 min Scan# 2420

Delta R.T. 0.01 min

Lab File: BN002025.D

Acq: 12 Jul 2018 12:08

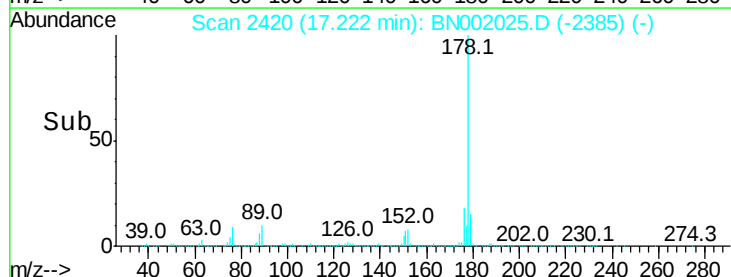
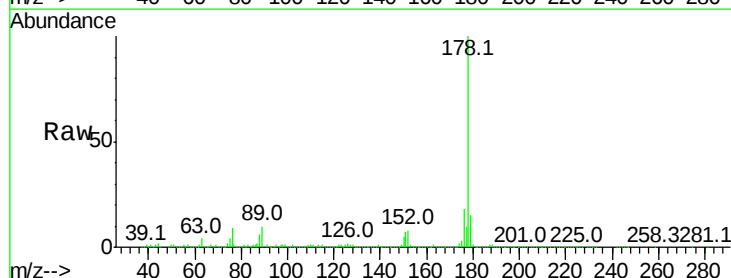
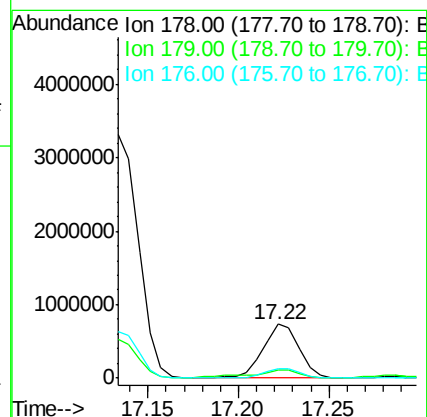
Tgt Ion:178 Resp: 1014207

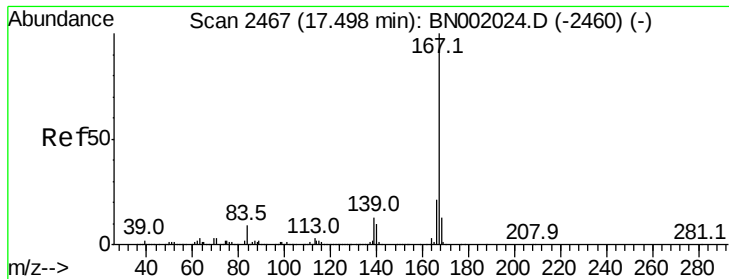
Ion Ratio Lower Upper

178 100

179 15.4 13.4 20.2

176 18.4 15.4 23.0





#72

Carbazole

Concen: 2.765 ng/ul

RT: 17.49 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BN002025.D

Acq: 12 Jul 2018 12:08

Instrument :

BNA_N

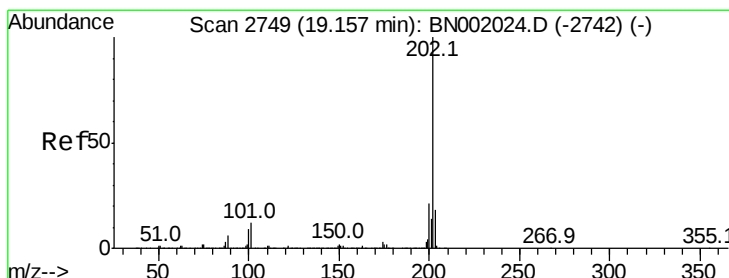
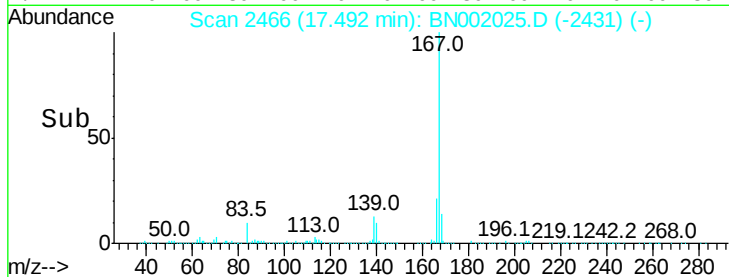
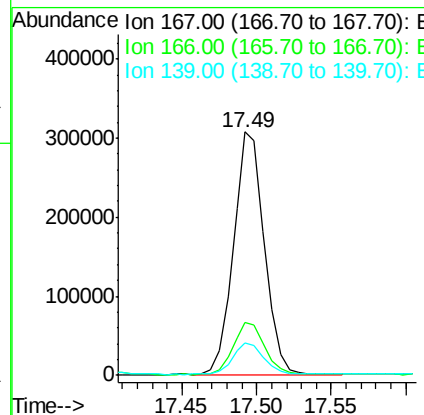
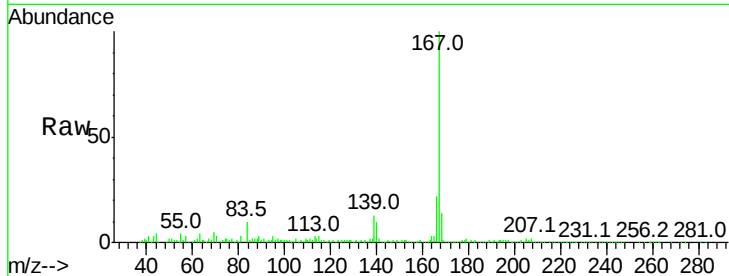
ClientSampleId :

DAZP1DL

Tot Ion:	167	Resp:	439716
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.0	25.4
139	13.1	9.1	13.7

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#74

Fluoranthene

Concen: 41.895 ng/ul

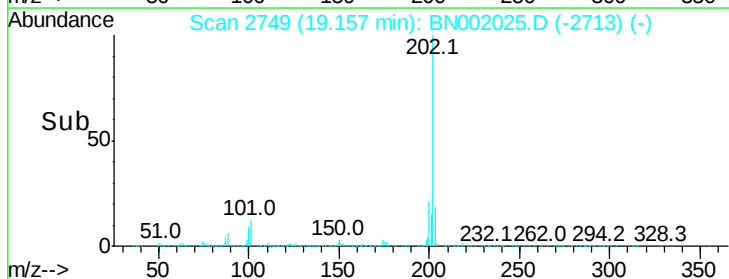
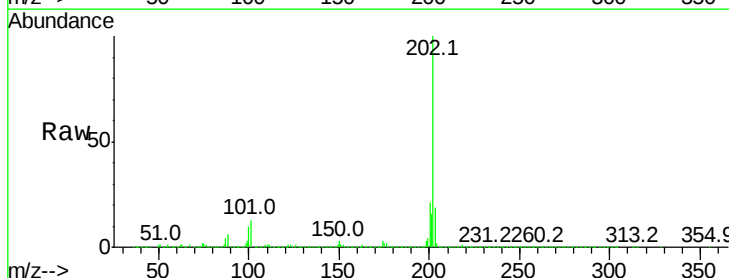
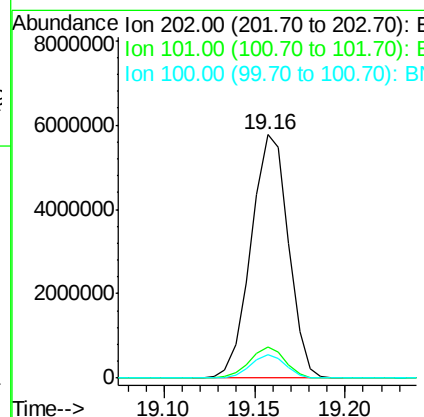
RT: 19.16 min Scan# 2749

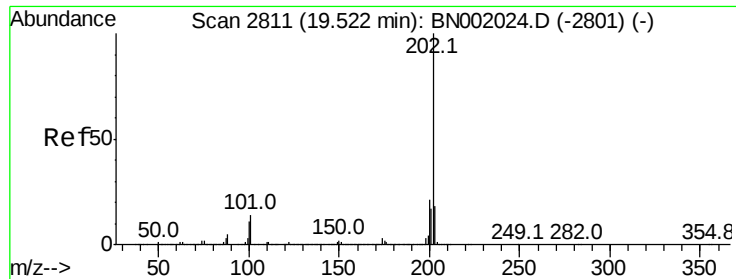
Delta R.T. 0.01 min

Lab File: BN002025.D

Acq: 12 Jul 2018 12:08

Tgt Ion:	202	Resp:	8259600
Ion Ratio	Lower	Upper	
202	100		
101	12.6	6.1	9.1#
100	9.5	4.6	7.0#





#77

Pvrene

Concen: 44.617 ng/ul

RT: 19.52 min Scan# 2811

Delta R.T. 0.01 min

Lab File: BN002025.D

Acq: 12 Jul 2018 12:08

Instrument :

BNA_N

ClientSampleId :

DAZP1DL

Tot Ion:202 Resp: 6549355

Ion Ratio Lower Upper

202 100

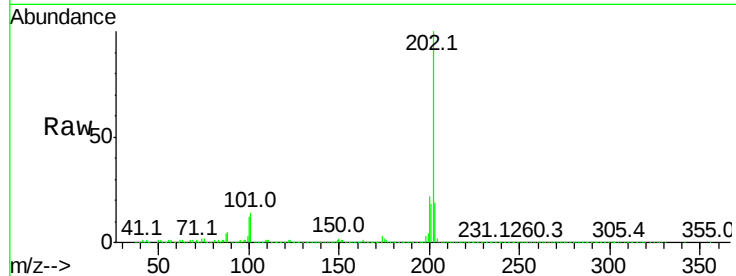
101 14.5 6.9 10.3#

100 11.8 5.6 8.4#

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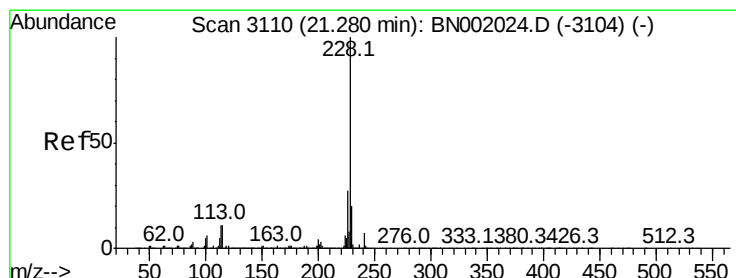
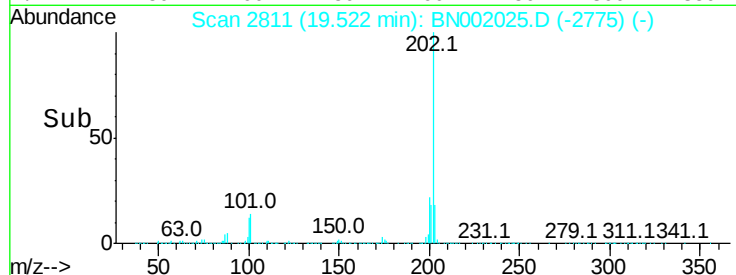
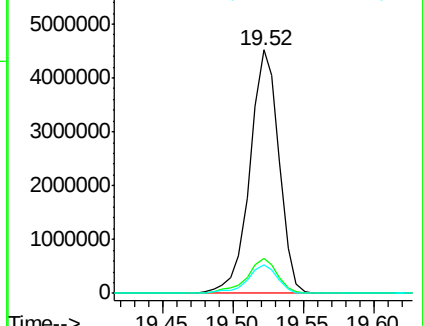
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#80

Benzo(a)anthracene

Concen: 21.092 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. 0.02 min

Lab File: BN002025.D

Acq: 12 Jul 2018 12:08

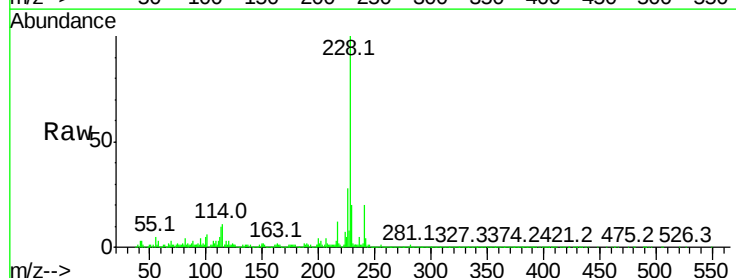
Tgt Ion:228 Resp: 3126832

Ion Ratio Lower Upper

228 100

229 20.3 16.0 24.0

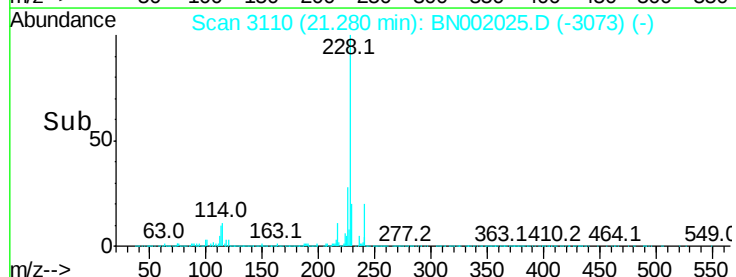
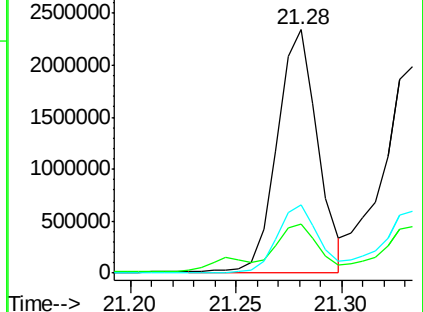
226 27.8 21.8 32.8

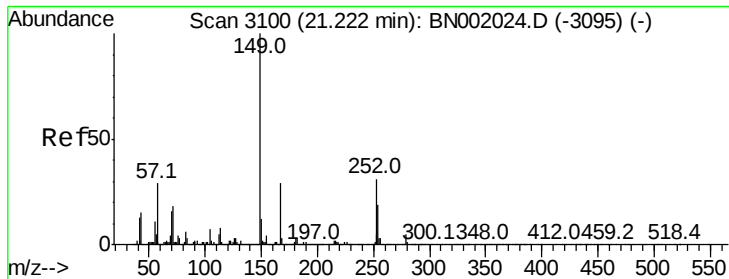


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





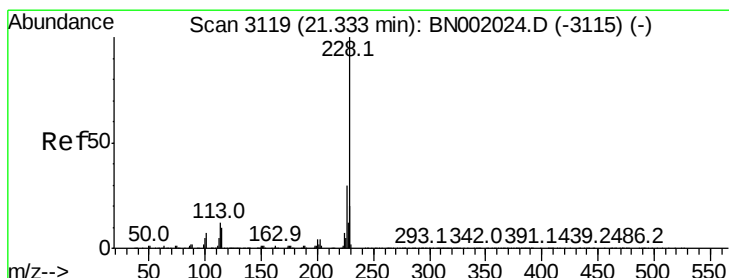
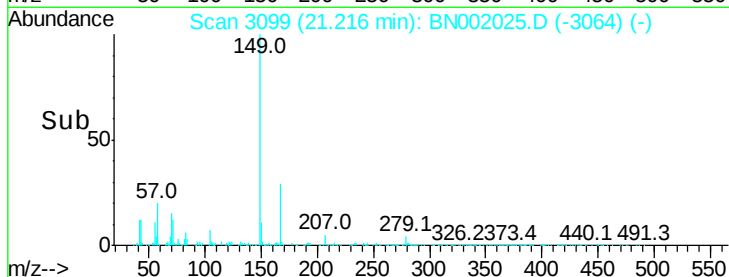
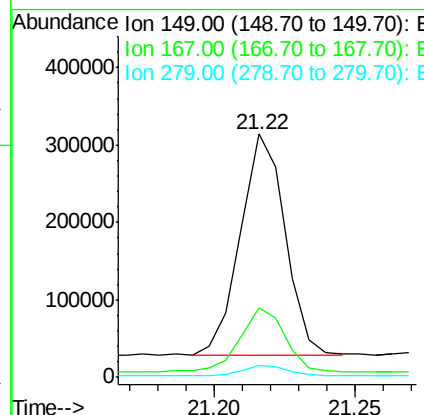
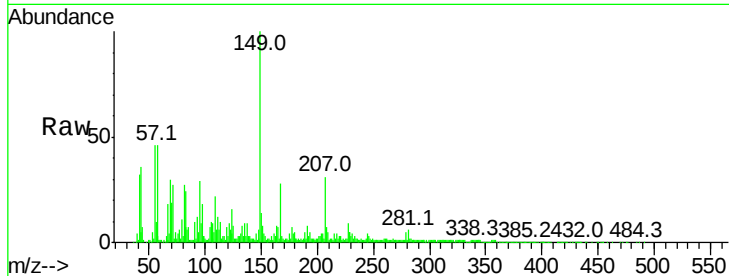
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 Bis(2-ethylhexyl)phthalate
 Concen: 3.347 ng/ul
 RT: 21.22 min Scan# 3099
 Delta R.T. 0.01 min
 Lab File: BN002025.D
 Acq: 12 Jul 2018 12:08

Instrument :
 BNA_N
 ClientSampleId :
 DAZP1DL

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.0	34.6
279	4.8	4.3	6.5

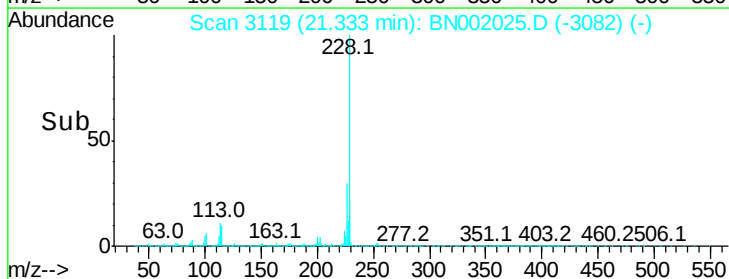
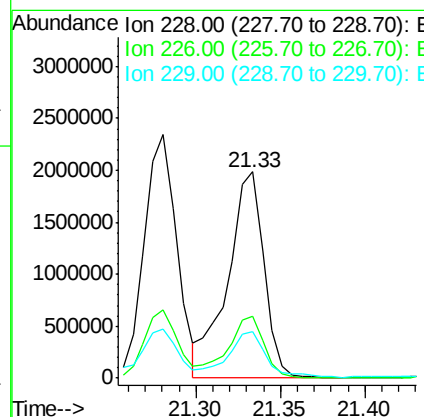
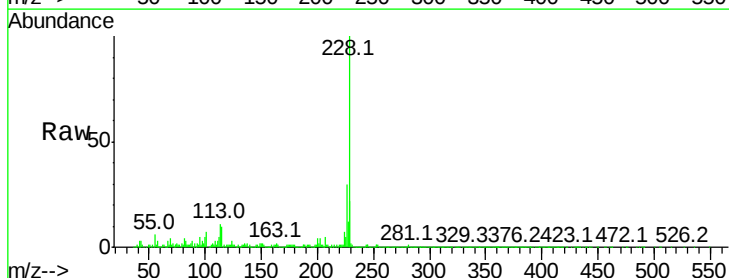
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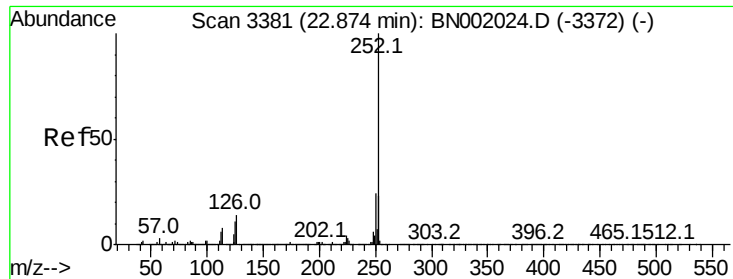
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#82
 Chrysene
 Concen: 21.384 ng/ul
 RT: 21.33 min Scan# 3119
 Delta R.T. 0.02 min
 Lab File: BN002025.D
 Acq: 12 Jul 2018 12:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	22.3	16.0	24.0





#85

Benzo(b)fluoranthene

Concen: 23.625 ng/uI

RT: 22.87 min Scan# 3381

Delta R.T. 0.03 min

Lab File: BN002025.D

Acq: 12 Jul 2018 12:08

Instrument :

BNA_N

ClientSampleId :

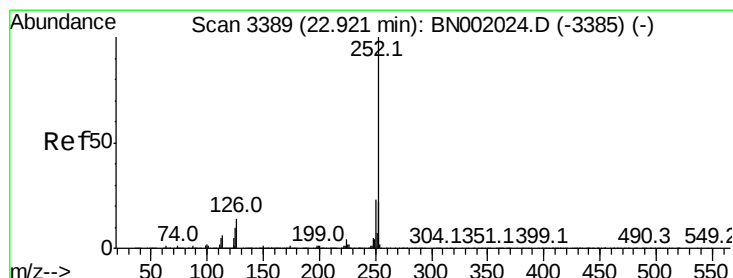
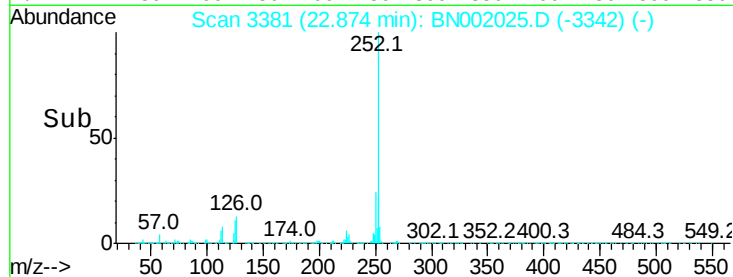
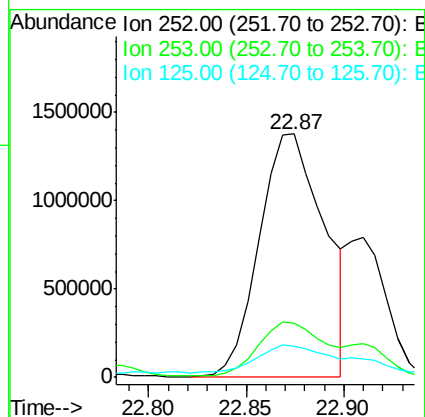
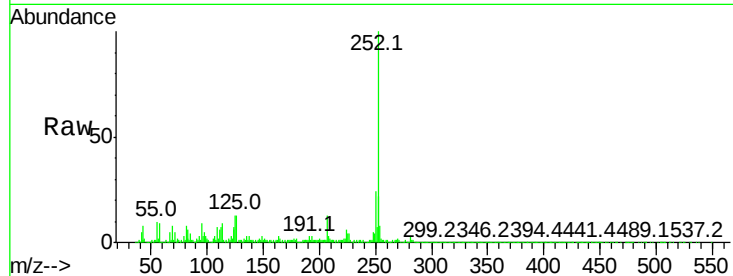
DAZP1DL

Tot Ion:252 Resp: 3176210

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	12.7	4.9	7.3

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#86

Benzo(k)fluoranthene

Concen: 8.158 ng/uI m

RT: 22.91 min Scan# 3387

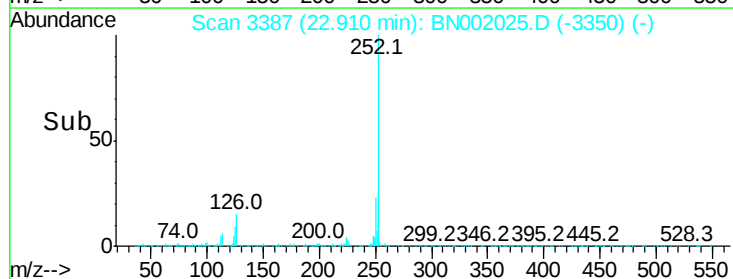
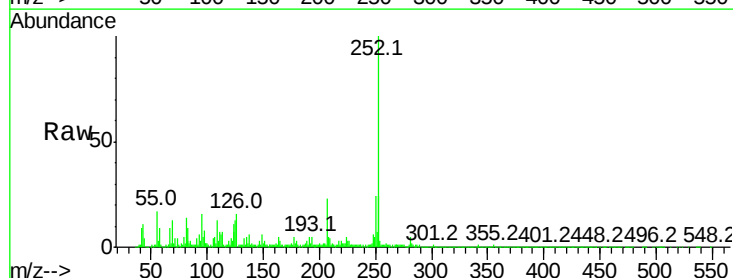
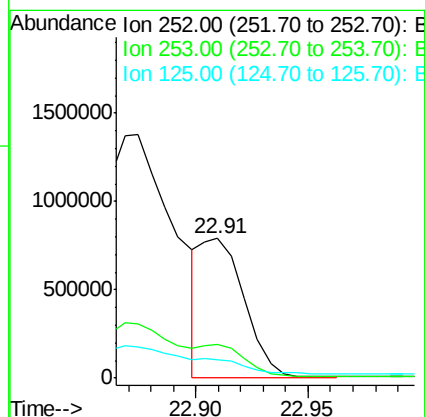
Delta R.T. 0.02 min

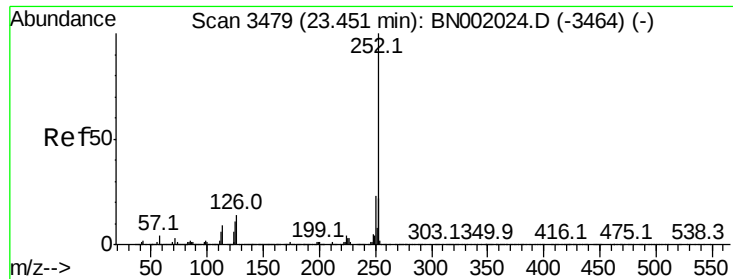
Lab File: BN002025.D

Acq: 12 Jul 2018 12:08

Tgt Ion:252 Resp: 1063620

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	13.1	5.4	8.0





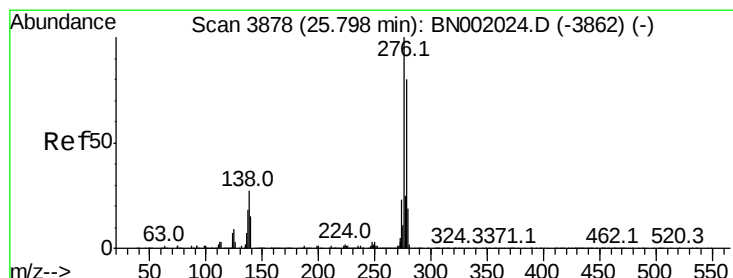
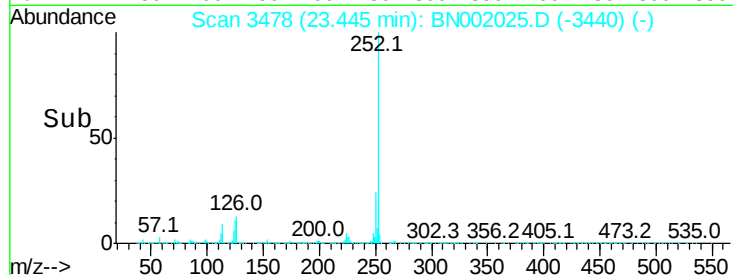
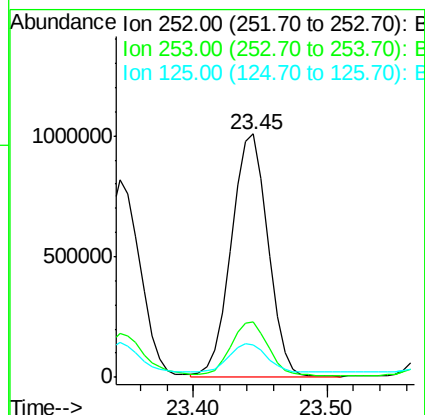
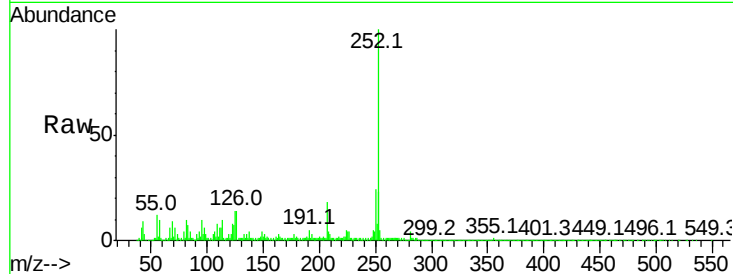
#88
Benzo(a)pyrene
Concen: 15.242 ng/ul
RT: 23.45 min Scan# 3478
Delta R.T. 0.02 min
Lab File: BN002025.D
Acq: 12 Jul 2018 12:08

Instrument :
BNA_N
ClientSampleID :
DAZP1DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	13.5	5.8	8.6

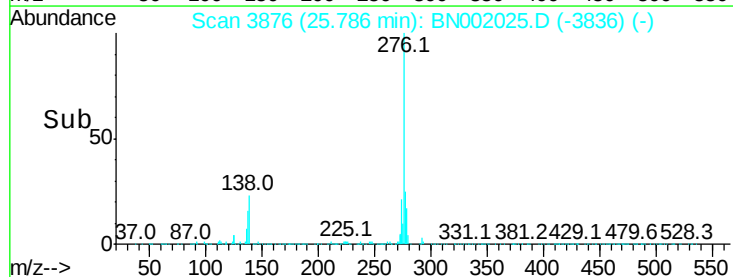
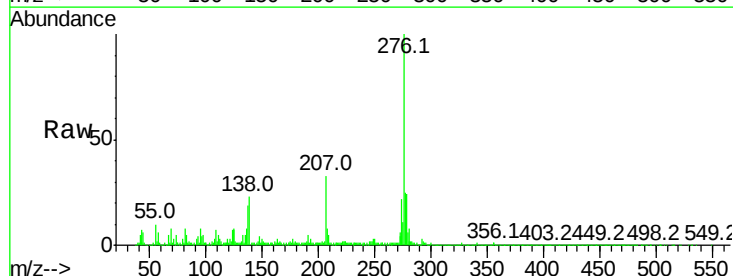
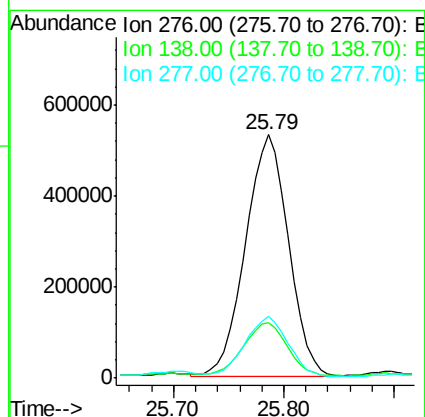
Manual Integrations
APPROVED

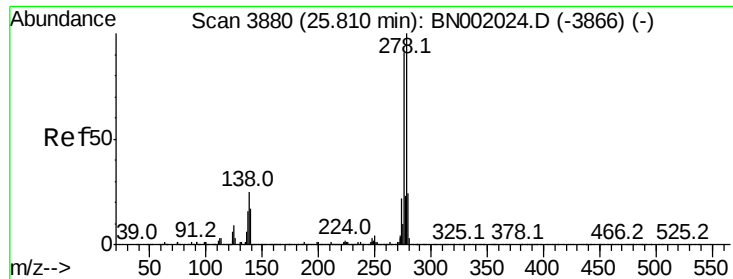
Sohil
7/12/2018 3:04:14 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 10.851 ng/ul
RT: 25.79 min Scan# 3876
Delta R.T. 0.04 min
Lab File: BN002025.D
Acq: 12 Jul 2018 12:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	10.9	16.3
277	25.5	18.9	28.3





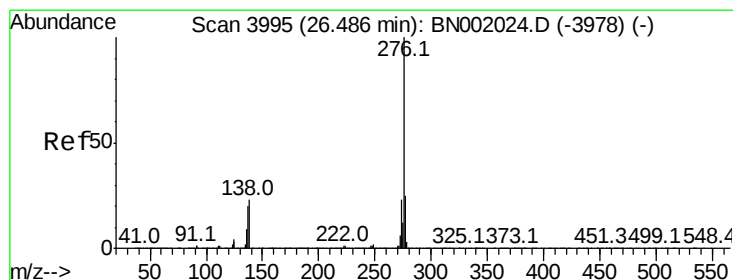
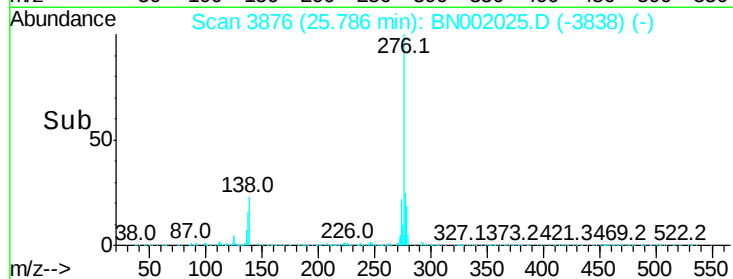
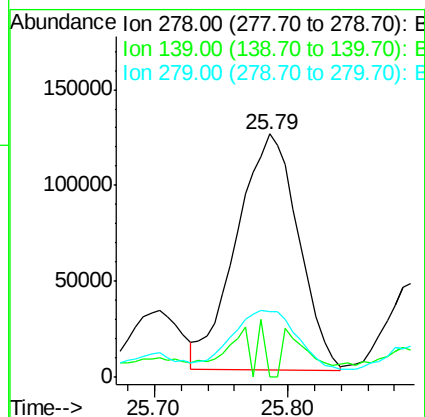
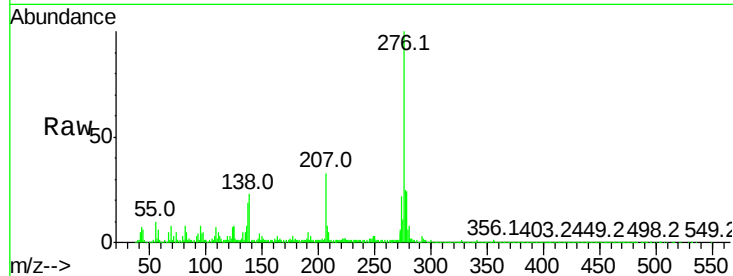
#90
Dibenzo(a,h)anthracene
Concen: 3.544 ng/ul
RT: 25.79 min Scan# 3876
Delta R.T. 0.02 min
Lab File: BN002025.D
Acq: 12 Jul 2018 12:08

Instrument :
BNA_N
ClientSampleId :
DAZP1DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.0	13.4#
279	27.0	19.1	28.7

Manual Integrations
APPROVED

Sohil
7/12/2018 3:04:14 PM



#91
Benzo(g,h,i)perylene
Concen: 10.766 ng/ul
RT: 26.47 min Scan# 3993
Delta R.T. 0.04 min
Lab File: BN002025.D
Acq: 12 Jul 2018 12:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	11.2	16.8#
277	24.7	19.0	28.6

