

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
 Data File : BN002011.D
 Acq On : 11 Jul 2018 15:25
 Operator : JU/SJ
 Sample : J3775-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAZQ2

Manual Integrations
 APPROVED

Sohil
 7/12/2018 3:03:44 PM

Quant Time: Jul 11 23:03:20 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	468608	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2173084	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1288751	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	2908410	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2744833	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2385888	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	43704m	4.05	ng/uL	0.00
5) Phenol-d5	6.89	99	1091040	25.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	675345	25.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	884856	26.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	818102	24.08	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	449964	27.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	499773	29.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	923972	25.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	570203	15.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2844080	26.13	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	3652666	27.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	445542	22.22	ng/ul	0.00
57) Fluorene-d10	15.33	176	2593490	27.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	408590	25.79	ng/ul	0.00
70) Anthracene-d10	17.19	188	4013087	28.56	ng/ul	0.00
76) Pyrene-d10	19.49	212	4339759	31.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	3674081	28.32	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	6.91	94	62716	1.466	ng/ul	92
44) Dimethylphthalate	13.80	163	807261	7.547	ng/ul	99
69) Phenanthrene	17.13	178	2532829	15.459	ng/ul	99
71) Anthracene	17.22	178	526777	3.176	ng/ul	98
72) Carbazole	17.49	167	253473	1.825	ng/ul	98
73) Di-n-butylphthalate	18.06	149	1010105	5.758	ng/ul	99
74) Fluoranthene	19.15	202	6294831	36.552	ng/ul#	89
77) Pyrene	19.52	202	5227925	30.436	ng/ul#	87
78) Butylbenzylphthalate	20.43	149	460450	6.282	ng/ul	94
80) Benzo(a)anthracene	21.27	228	3091238	17.820	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.22	149	736883	6.742	ng/ul	99
82) Chrysene	21.32	228	2949980	18.277	ng/ul	97
85) Benzo(b)fluoranthene	22.86	252	3664860	24.320	ng/ul#	93
86) Benzo(k)fluoranthene	22.90	252	1074971m	7.356	ng/ul	
88) Benzo(a)pyrene	23.43	252	2073137	14.722	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.76	276	1440459	9.613	ng/ul#	92
90) Dibenzo(a,h)anthracene	25.76	278	390078	3.128	ng/ul#	79
91) Benzo(g,h,i)perylene	26.44	276	1259016	10.186	ng/ul#	90

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

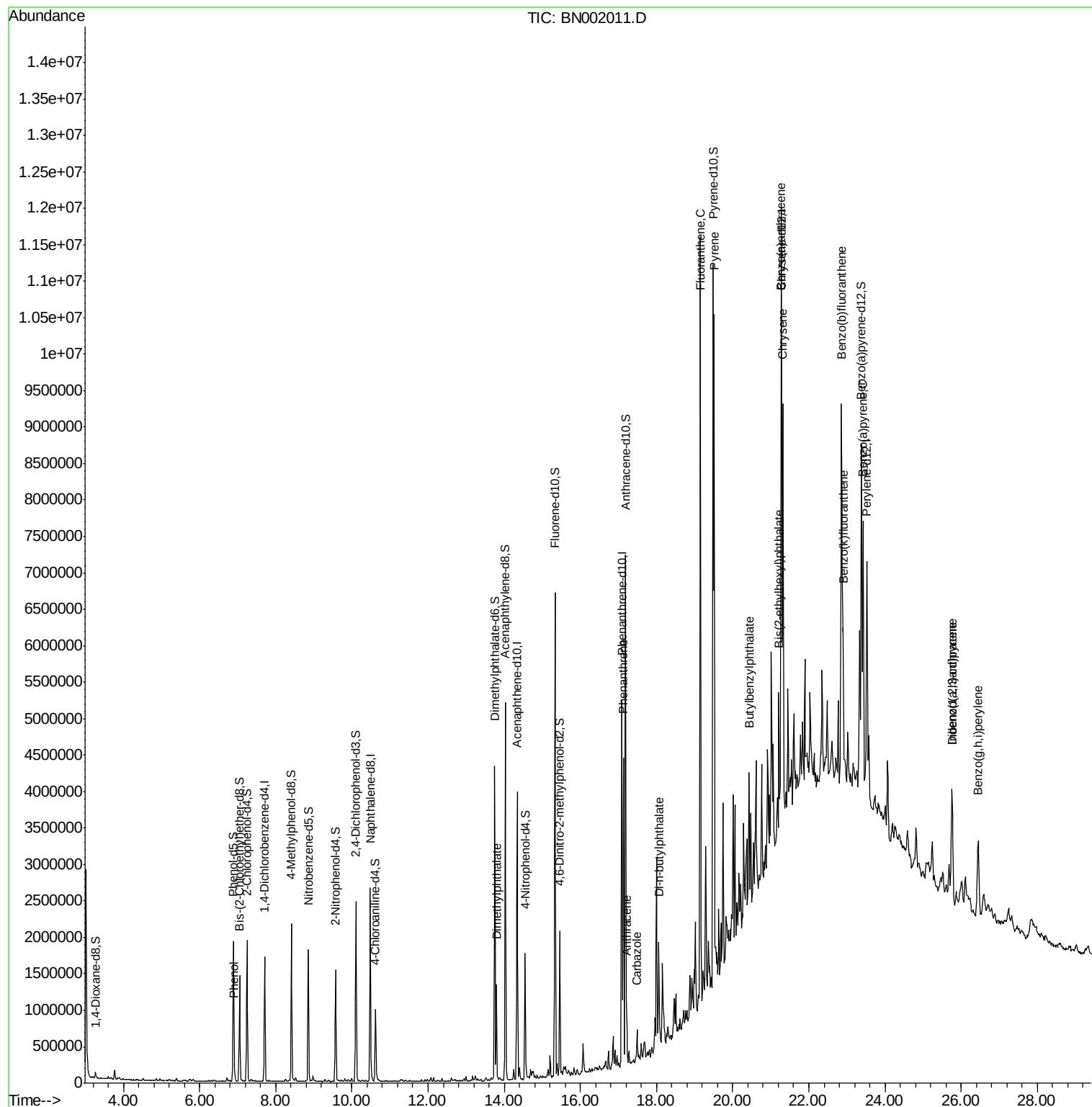
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002011.D
Acq On : 11 Jul 2018 15:25
Operator : JU/SJ
Sample : J3775-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

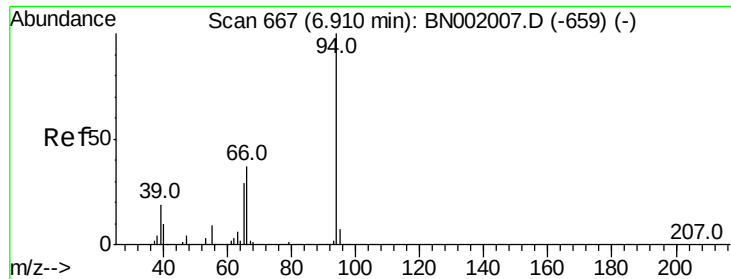
Instrument :
BNA_N
ClientSampleId :
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 1.466 ng/ul

RT: 6.91 min Scan# 667

Delta R.T. 0.00 min

Lab File: BN002011.D

Acq: 11 Jul 2018 15:25

Instrument :

BNA_N

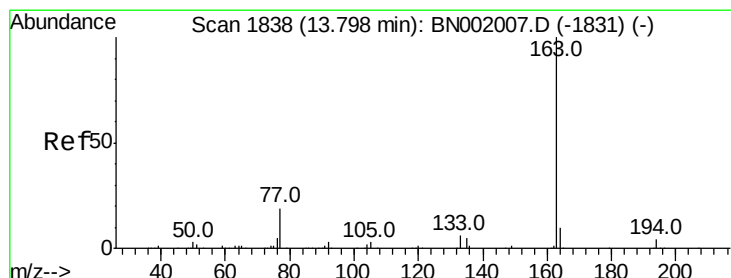
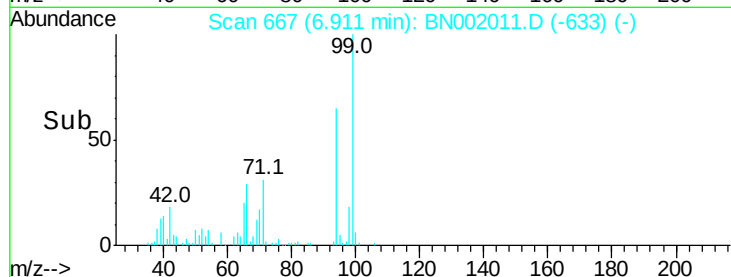
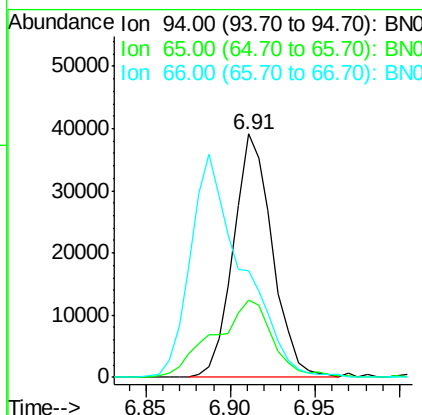
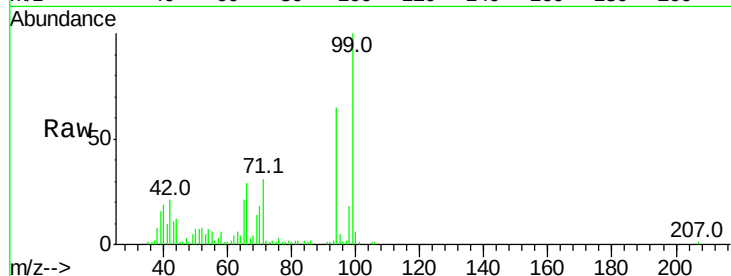
ClientSampled :

DAZQ2

Tot Ion:	94	Resp:	62716
Ion Ratio	Lower	Upper	
94	100		
65	31.8	23.0	34.6
66	43.9	30.4	45.6

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#44

Dimethylphthalate

Concen: 7.547 ng/ul

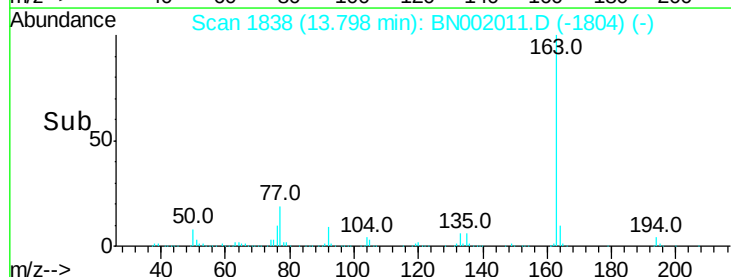
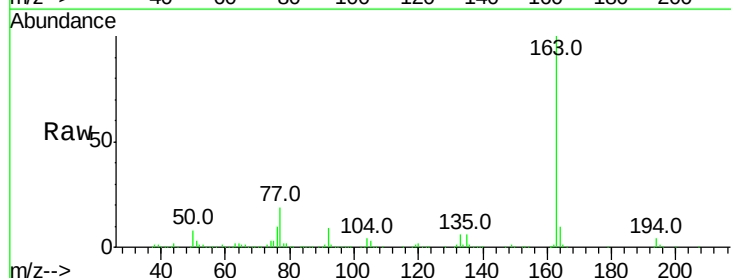
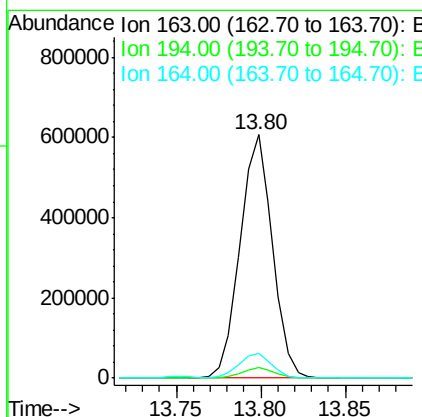
RT: 13.80 min Scan# 1838

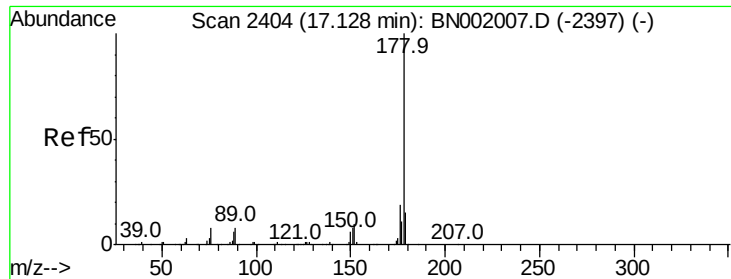
Delta R.T. 0.00 min

Lab File: BN002011.D

Acq: 11 Jul 2018 15:25

Tgt Ion:	163	Resp:	807261
Ion Ratio	Lower	Upper	
163	100		
194	4.2	4.0	6.0
164	10.2	8.4	12.6





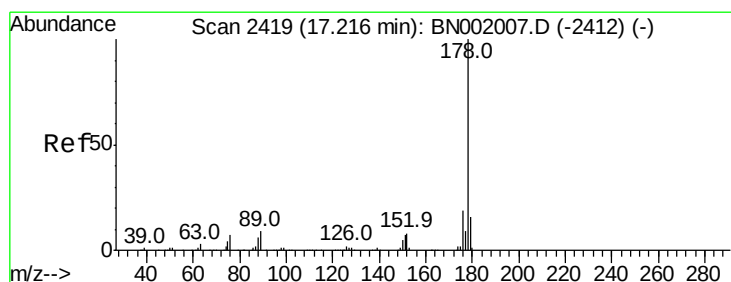
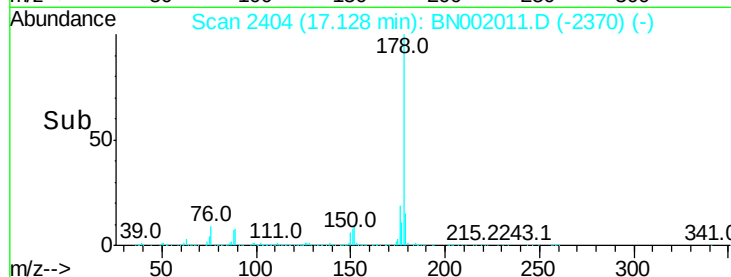
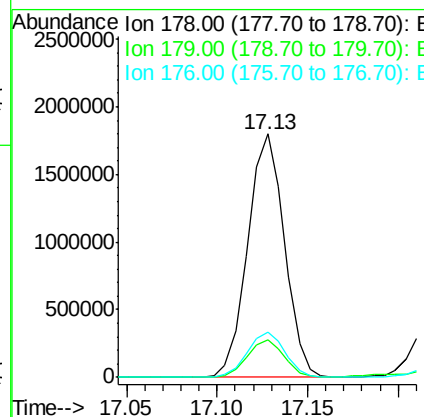
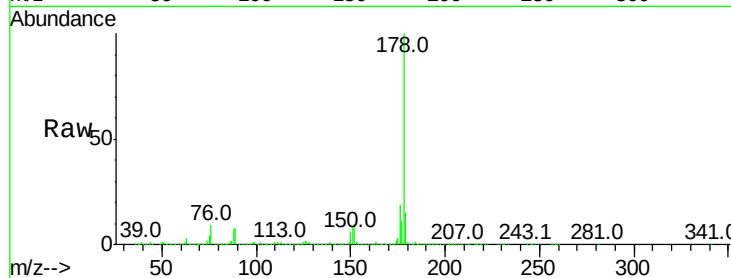
#69
Phenanthrene
Concen: 15.459 ng/ul
RT: 17.13 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BN002011.D
Acq: 11 Jul 2018 15:25

Instrument :
BNA_N
ClientSampleId :
DAZQ2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.7	15.4	23.0

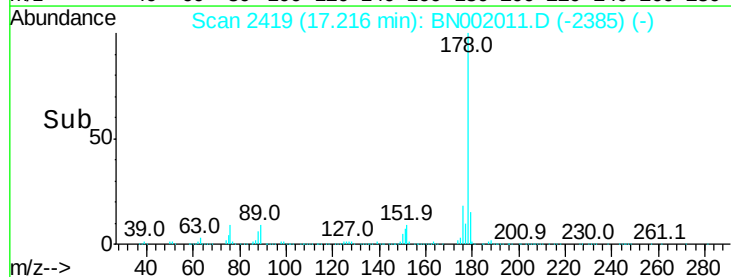
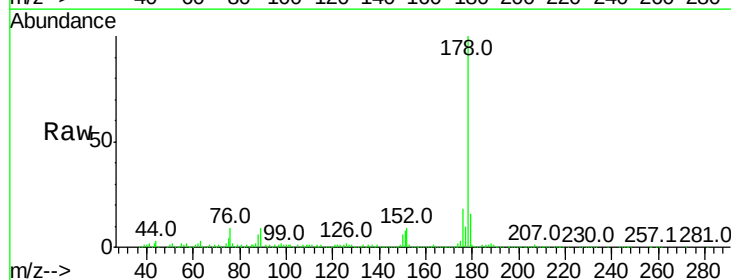
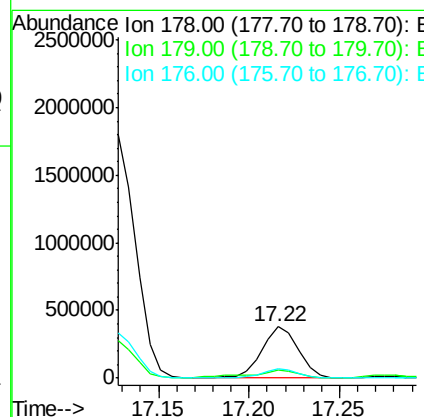
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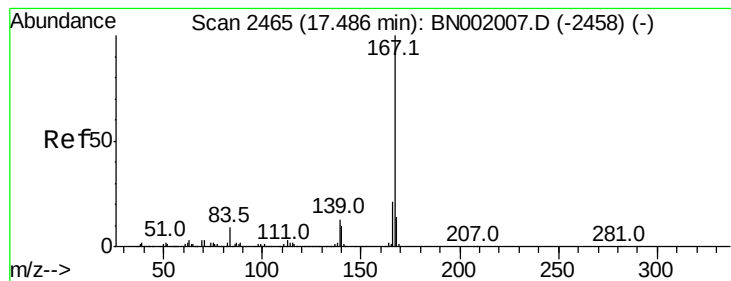
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#71
Anthracene
Concen: 3.176 ng/ul
RT: 17.22 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BN002011.D
Acq: 11 Jul 2018 15:25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.4	20.2
176	18.4	15.4	23.0





#72

Carbazole

Concen: 1.825 ng/ul

RT: 17.49 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BN002011.D

Acq: 11 Jul 2018 15:25

Instrument :

BNA_N

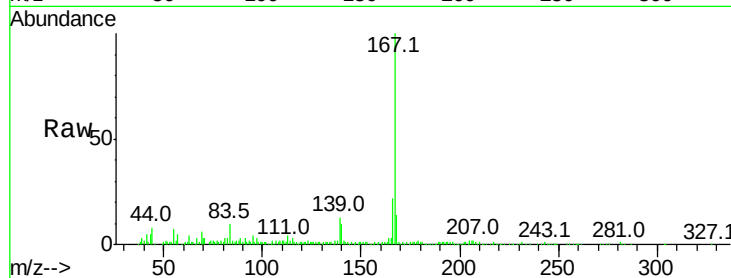
ClientSampled :

DAZQ2

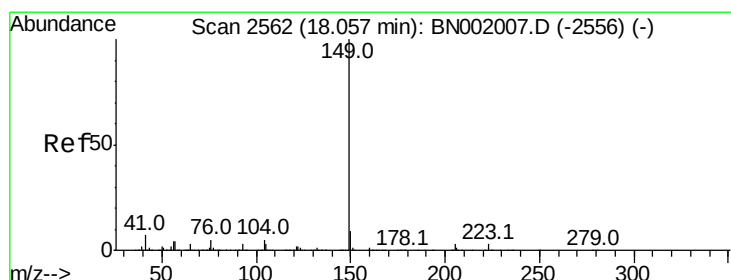
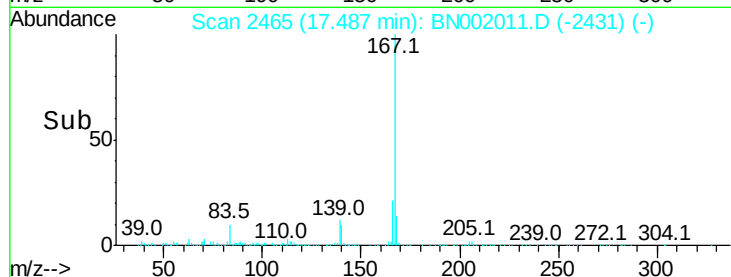
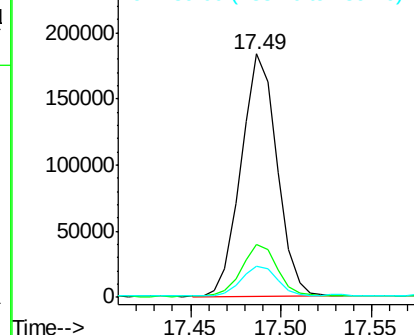
Tot Ion:	167	Resp:	253473
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.0	25.4
139	12.6	9.1	13.7

Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 5.758 ng/ul

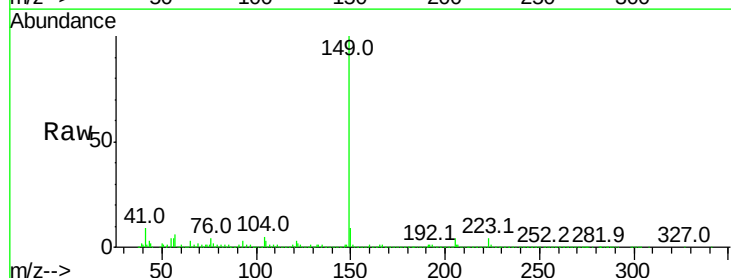
RT: 18.06 min Scan# 2563

Delta R.T. 0.01 min

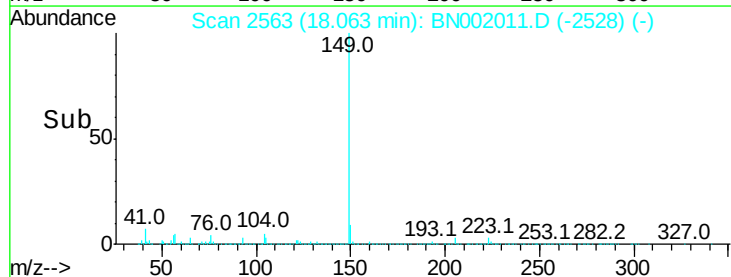
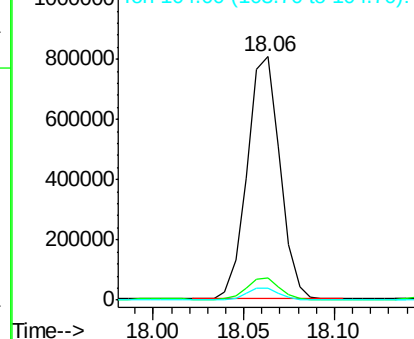
Lab File: BN002011.D

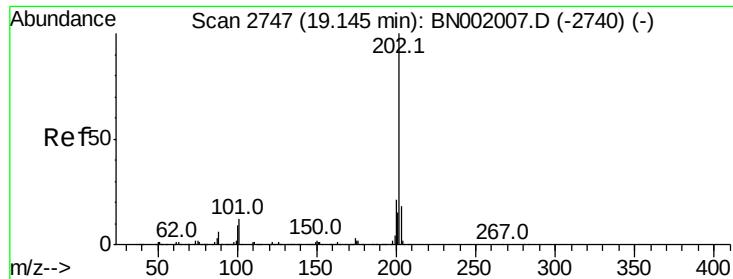
Acq: 11 Jul 2018 15:25

Tgt Ion:	149	Resp:	1010105
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.5	11.3
104	4.8	4.1	6.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 36.552 ng/ul

RT: 19.15 min Scan# 2748

Delta R.T. 0.01 min

Lab File: BN002011.D

Acq: 11 Jul 2018 15:25

Instrument :

BNA_N

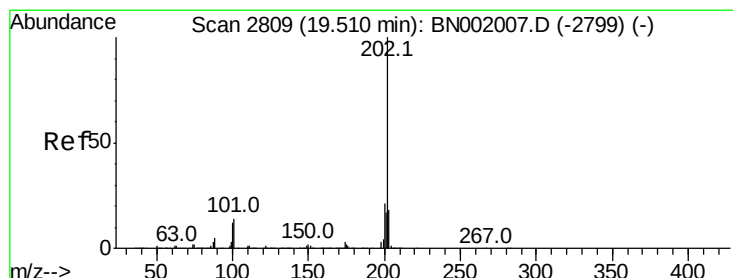
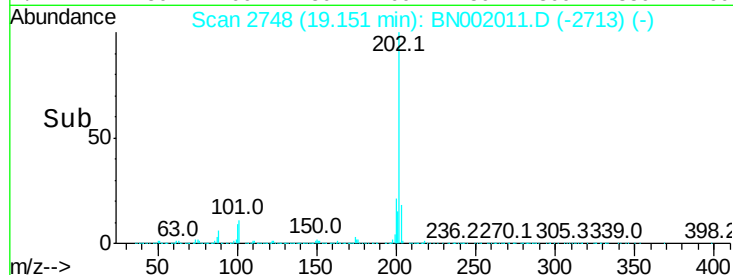
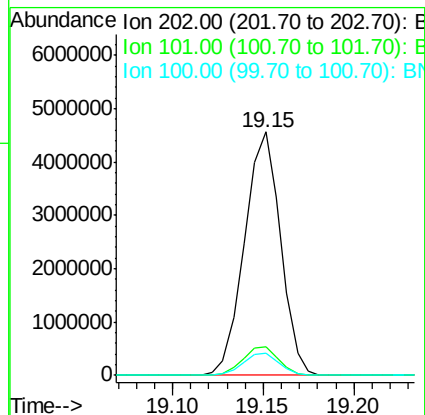
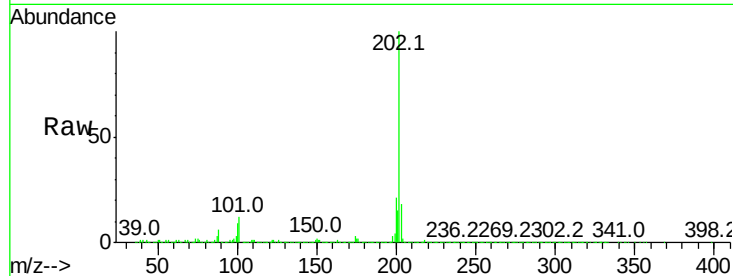
ClientSampleId :

DAZQ2

Tot Ion:	202	Resp:	6294831
Ion Ratio	Lower	Upper	
202	100		
101	11.6	6.1	9.1#
100	8.9	4.6	7.0#

Manual Integrations
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#77

Pyrene

Concen: 30.436 ng/ul

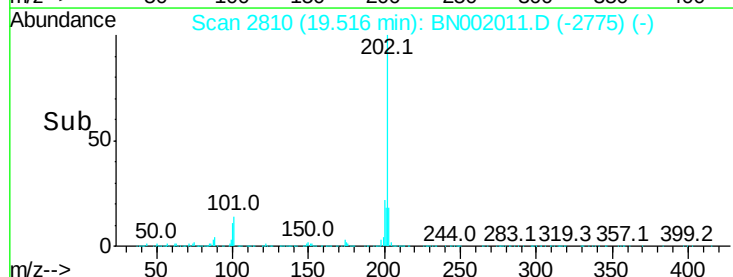
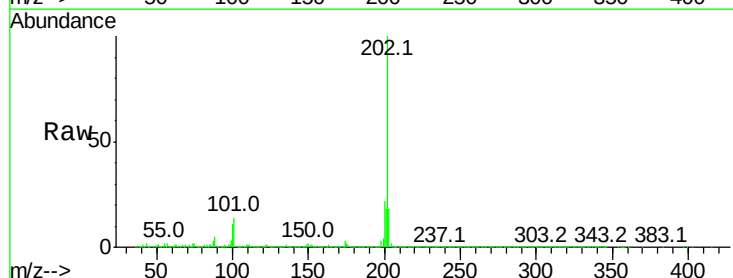
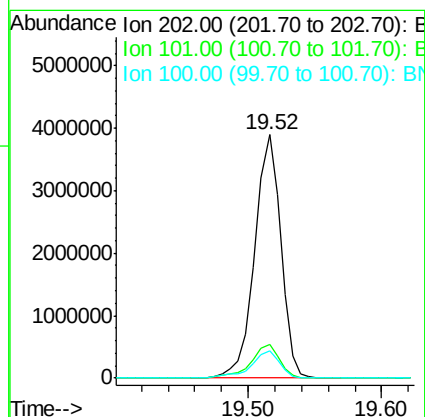
RT: 19.52 min Scan# 2810

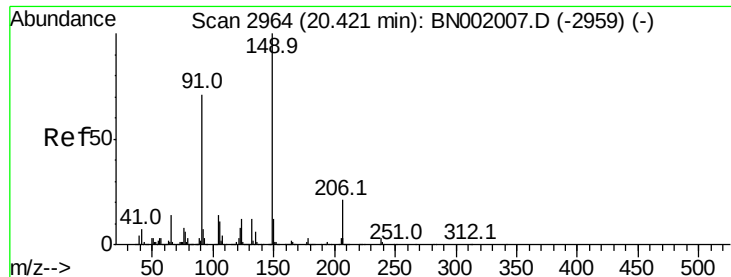
Delta R.T. 0.01 min

Lab File: BN002011.D

Acq: 11 Jul 2018 15:25

Tgt Ion:	202	Resp:	5227925
Ion Ratio	Lower	Upper	
202	100		
101	13.7	6.9	10.3#
100	11.1	5.6	8.4#





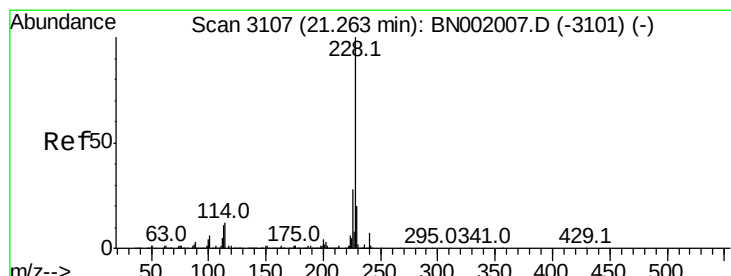
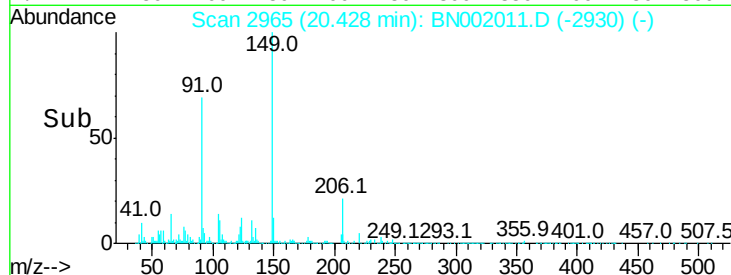
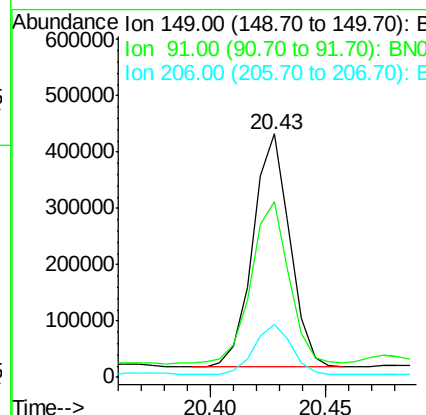
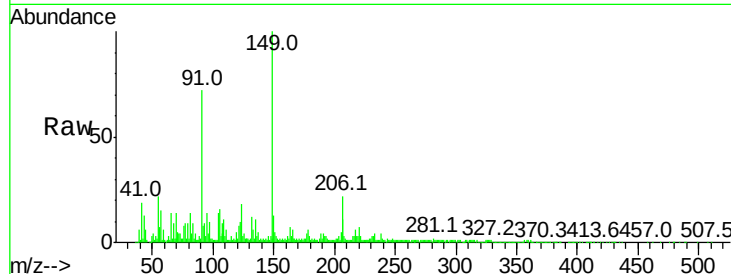
#78
Butylbenzylphthalate
Concen: 6.282 ng/ul
RT: 20.43 min Scan# 2965
Delta R.T. 0.01 min
Lab File: BN002011.D
Acq: 11 Jul 2018 15:25

Instrument :
BNA_N
ClientSampled :
DAZQ2

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.2	53.4	80.0
206	21.8	19.3	28.9

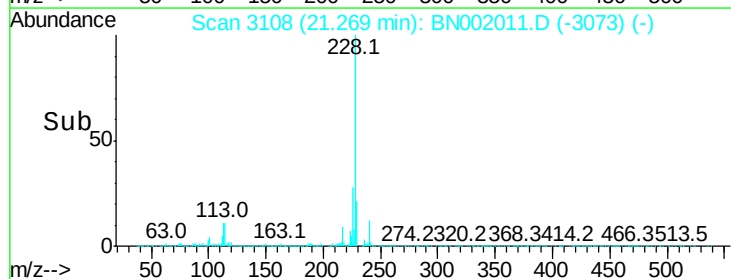
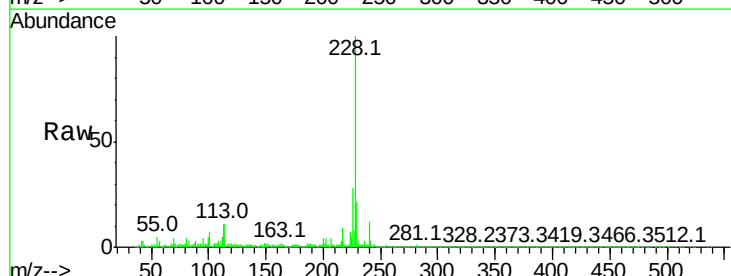
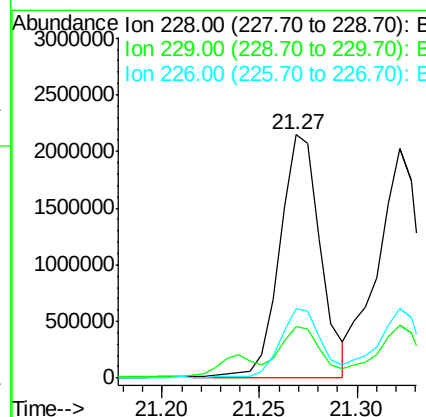
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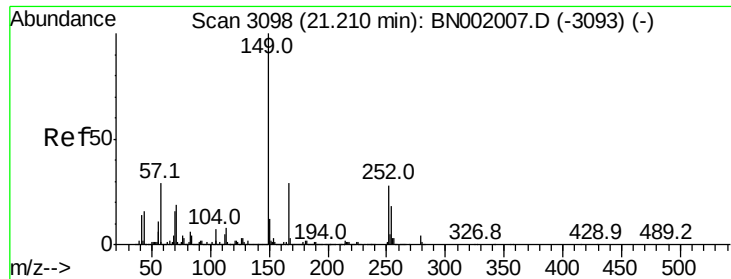
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#80
Benzo(a)anthracene
Concen: 17.820 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. 0.01 min
Lab File: BN002011.D
Acq: 11 Jul 2018 15:25

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.0	24.0
226	28.3	21.8	32.8





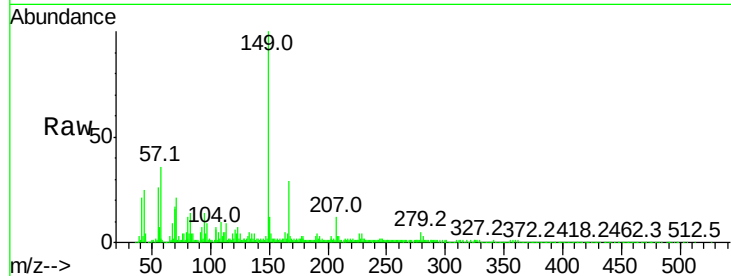
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 6.742 ng/ul
 RT: 21.22 min Scan# 3099
 Delta R.T. 0.01 min
 Lab File: BN002011.D
 Acq: 11 Jul 2018 15:25

Instrument :
 BNA_N
 ClientSampleId :
 DAZQ2

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.0	34.6
279	5.0	4.3	6.5

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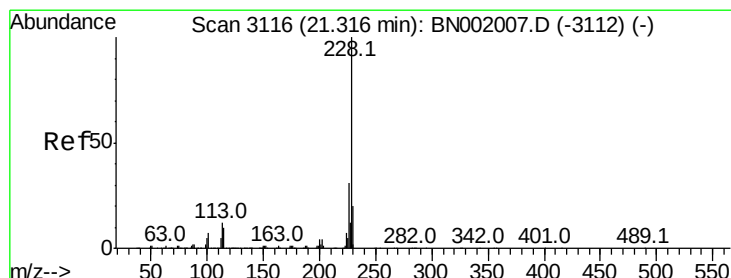
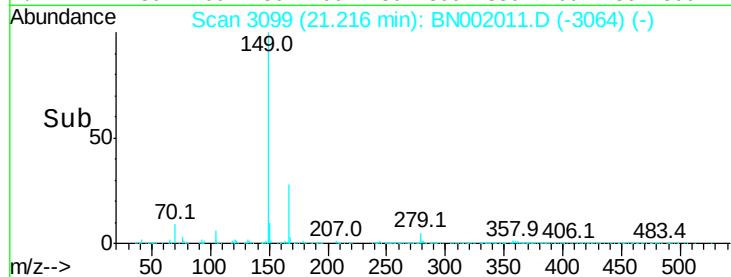
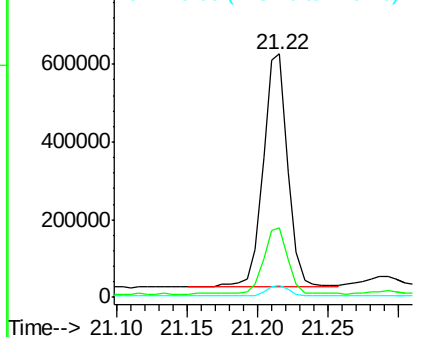


Abundance

Ion 149.00 (148.70 to 149.70): E

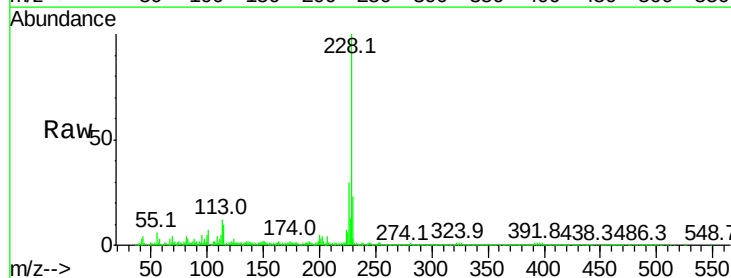
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#82
 Chrysene
 Concen: 18.277 ng/ul
 RT: 21.32 min Scan# 3117
 Delta R.T. 0.01 min
 Lab File: BN002011.D
 Acq: 11 Jul 2018 15:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	23.0	16.0	24.0

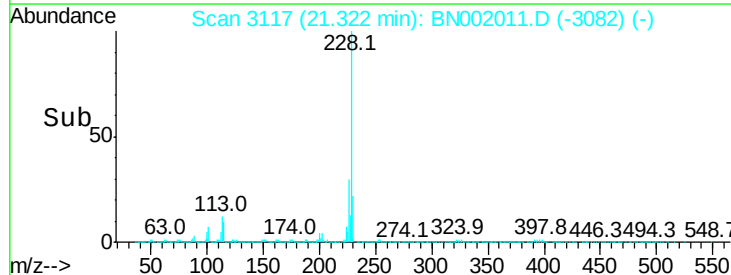
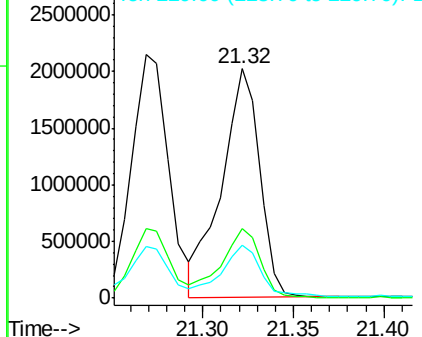


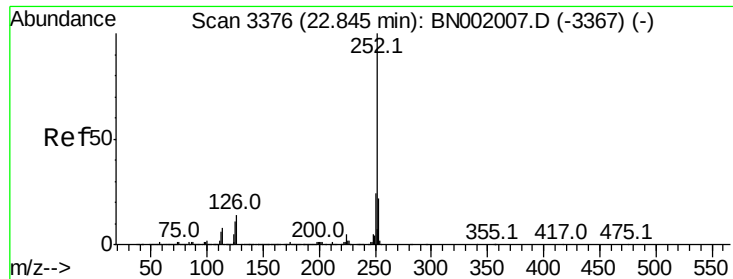
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





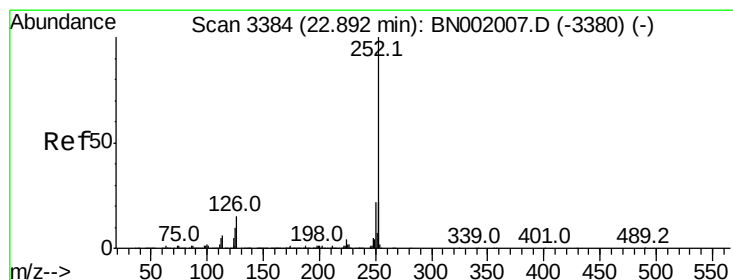
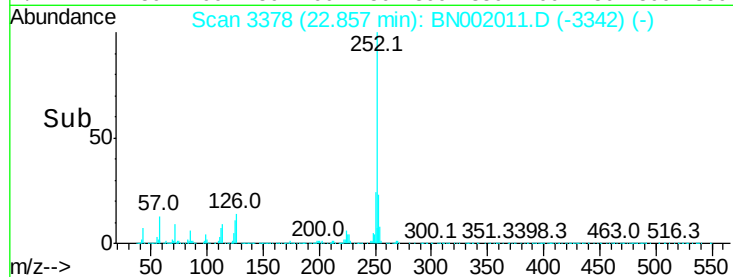
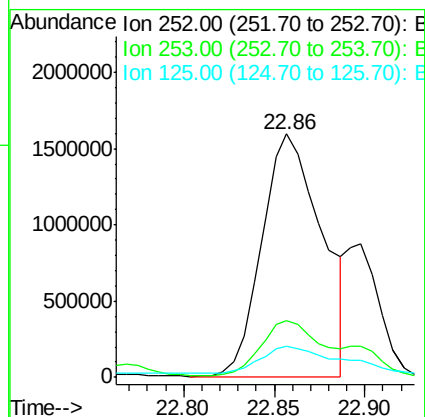
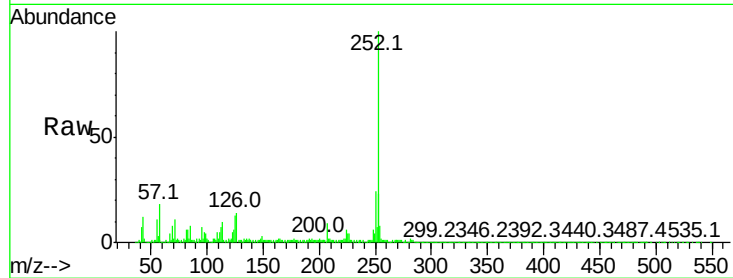
#85
Benzo(b)fluoranthene
Concen: 24.320 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. 0.01 min
Lab File: BN002011.D
Acq: 11 Jul 2018 15:25

Instrument :
BNA_N
ClientSampleId :
DAZQ2

Tot Ion:252 Resp: 3664860
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.0
125 12.7 4.9 7.3#

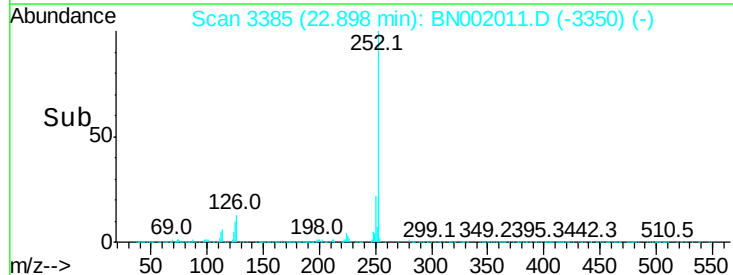
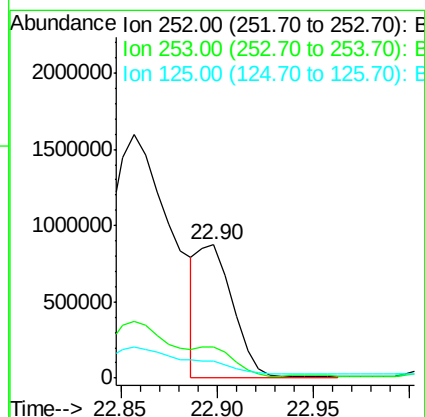
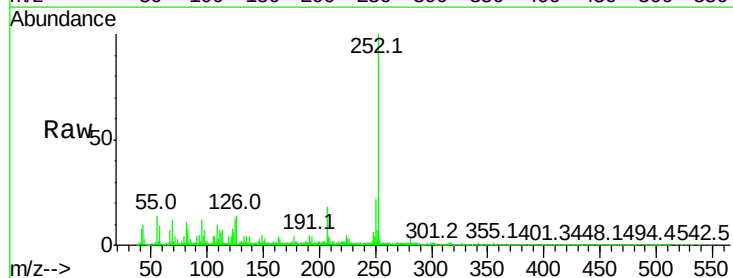
Manual Integrations
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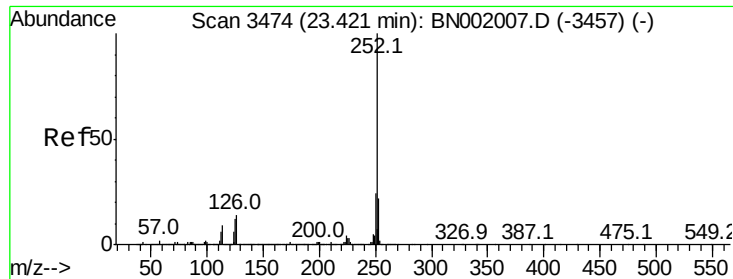
Sohil
7/12/2018 3:03:44 PM



#86
Benzo(k)fluoranthene
Concen: 7.356 ng/ul m
RT: 22.90 min Scan# 3385
Delta R.T. 0.01 min
Lab File: BN002011.D
Acq: 11 Jul 2018 15:25

Tgt Ion:252 Resp: 1074971
Ion Ratio Lower Upper
252 100
253 23.2 17.1 25.7
125 12.9 5.4 8.0#





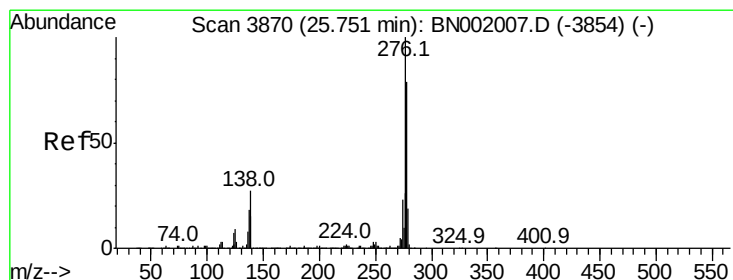
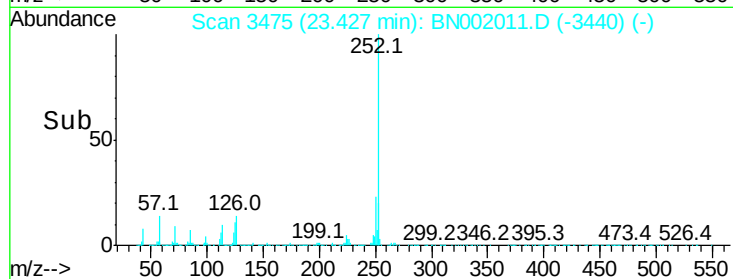
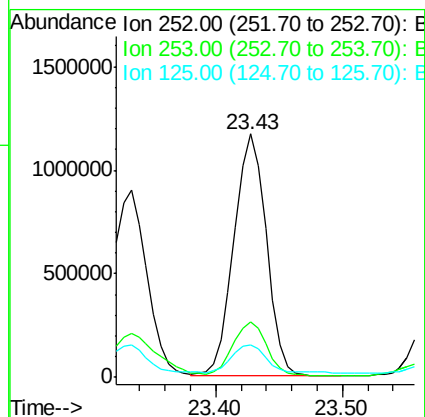
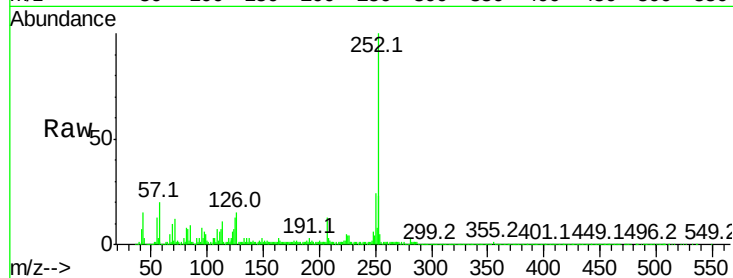
#88
Benzo(a)pyrene
Concen: 14.722 ng/ul
RT: 23.43 min Scan# 3475
Delta R.T. 0.01 min
Lab File: BN002011.D
Acq: 11 Jul 2018 15:25

Instrument :
BNA_N
ClientSampleId :
DAZQ2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	13.3	5.8	8.6

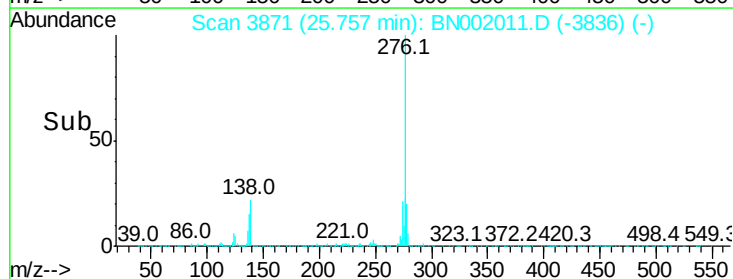
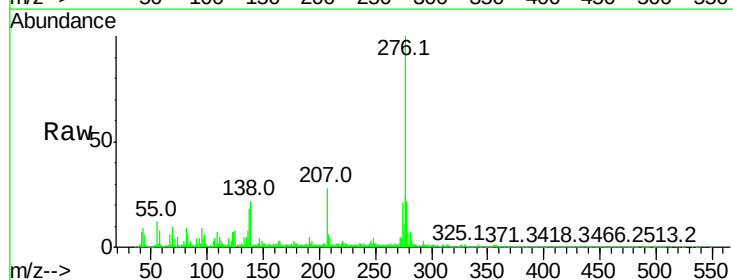
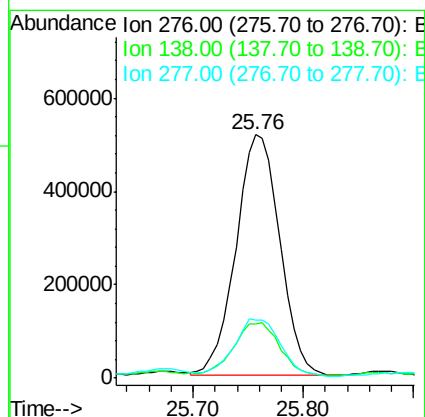
Manual Integrations
APPROVED

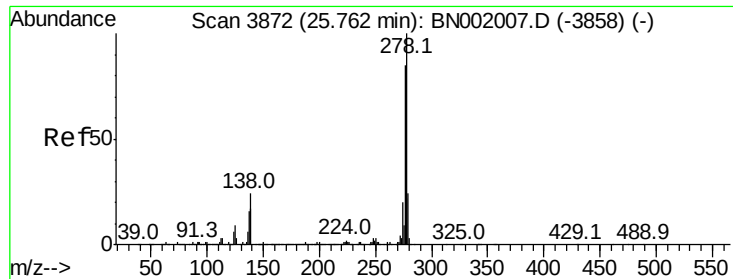
Sohil
7/12/2018 3:03:44 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 9.613 ng/ul
RT: 25.76 min Scan# 3871
Delta R.T. 0.01 min
Lab File: BN002011.D
Acq: 11 Jul 2018 15:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.4	10.9	16.3
277	23.9	18.9	28.3





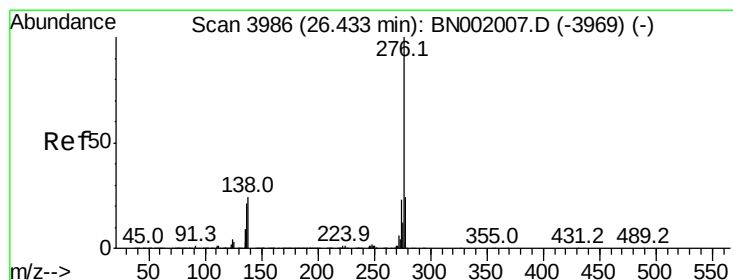
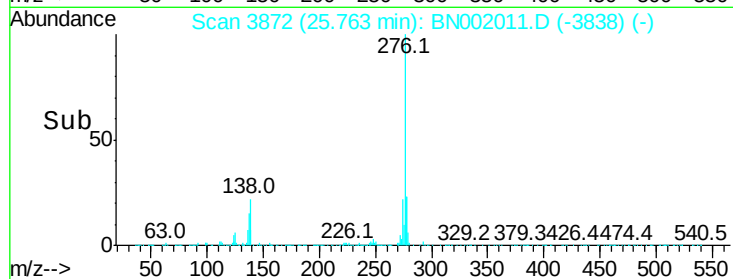
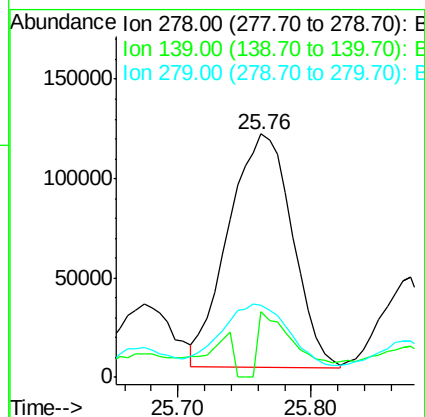
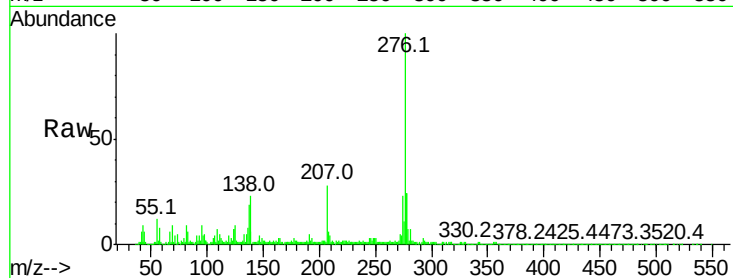
#90
Dibenzo(a,h)anthracene
Concen: 3.128 ng/ul
RT: 25.76 min Scan# 3872
Delta R.T. 0.00 min
Lab File: BN002011.D
Acq: 11 Jul 2018 15:25

Instrument :
BNA_N
ClientSampleId :
DAZQ2

Tot Ion	Ratio	Lower	Upper
278	100		
139	26.7	9.0	13.4#
279	29.8	19.1	28.7#

Manual Integrations
APPROVED

Sohil
7/12/2018 3:03:44 PM



#91
Benzo(g,h,i)perylene
Concen: 10.186 ng/ul
RT: 26.44 min Scan# 3987
Delta R.T. 0.01 min
Lab File: BN002011.D
Acq: 11 Jul 2018 15:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	11.2	16.8#
277	24.0	19.0	28.6

