

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
 Data File : BN012646.D
 Acq On : 19 Nov 2020 23:44
 Operator : CG/JU
 Sample : L4753-02DL2 20X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBGH4DL2

Manual Integrations
 APPROVED

mohammad
 11/20/2020 11:31:19 AM

Quant Time: Nov 20 01:50:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 20 01:38:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	111355	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	462258	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	287824	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	624090	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	657711	20.00	ng/ul	-0.01
86) Perylene-d12	23.18	264	736916	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.64	99	3058	0.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	10129	1.70	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	9532	1.20	ng/ul	-0.01
13) 4-Methylphenol-d8	8.16	113	5524	0.67	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	4965	1.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	5324	1.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	9629	1.20	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.52	166	48976	2.08	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	49503	1.76	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.10	176	36505	1.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	4802m	1.13	ng/ul	0.00
71) Anthracene-d10	16.95	188	70471m	2.22	ng/ul	-0.01
79) Pyrene-d10	19.26	212	67075	1.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	77201	1.92	ng/ul	-0.02

Target Compounds

					Ovalue	
28) Naphthalene	10.26	128	2045771	76.555	ng/ul	98
34) 2-Methylnaphthalene	11.88	142	99266	5.322	ng/ul	98
41) 1,1'-Biphenyl	12.92	154	26261	1.101	ng/ul#	97
50) Acenaphthene	14.16	153	66794	3.255	ng/ul	95
54) Dibenzofuran	14.50	168	82243	2.891	ng/ul	96
59) Fluorene	15.16	166	43087	1.813	ng/ul	98
69) Pentachlorophenol	16.51	266	5234	1.062	ng/ul	94
70) Phenanthrene	16.89	178	49742	1.296	ng/ul	99
75) Carbazole	17.26	167	191838	5.779	ng/ul	99

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

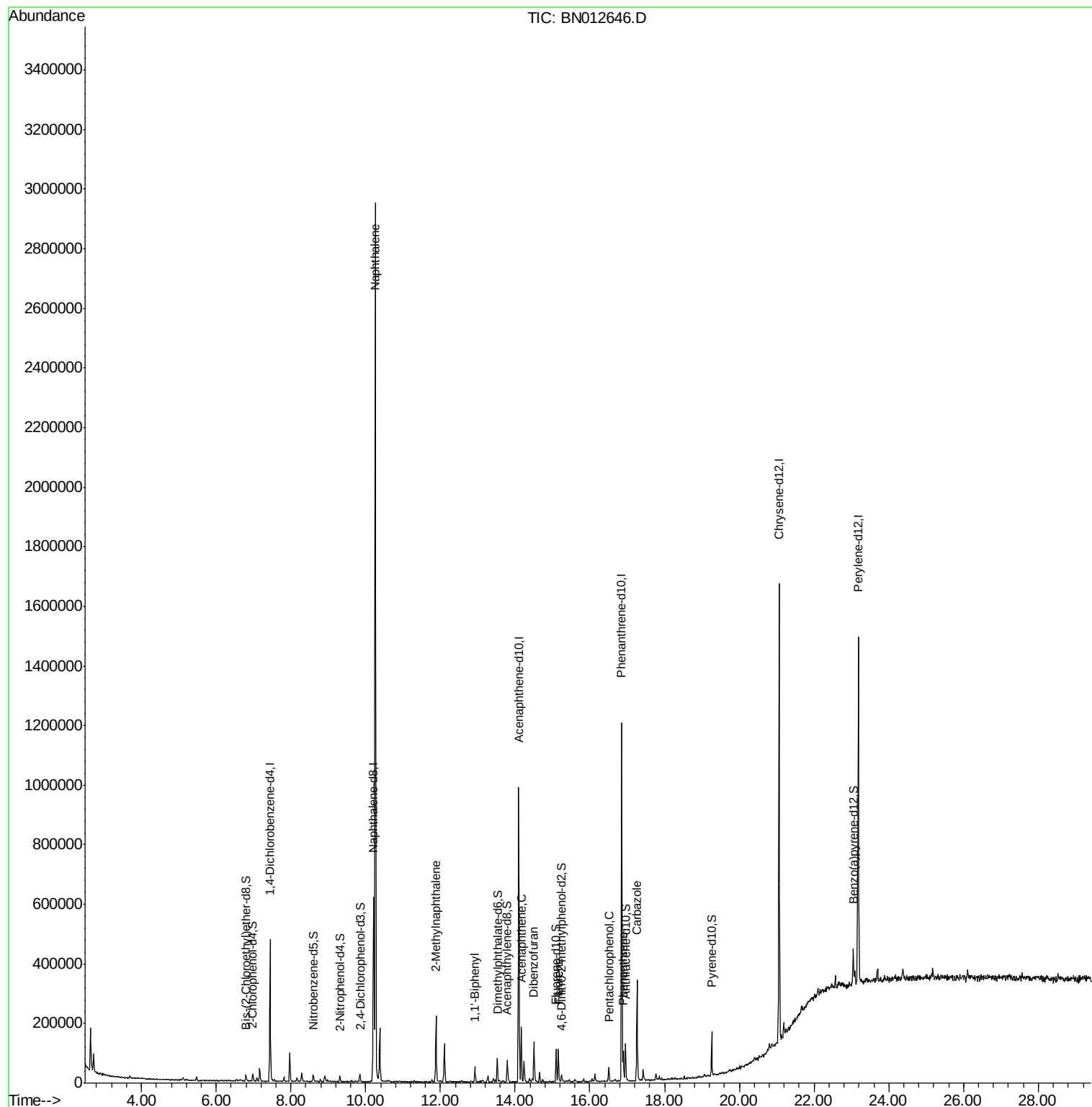
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
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Misc :
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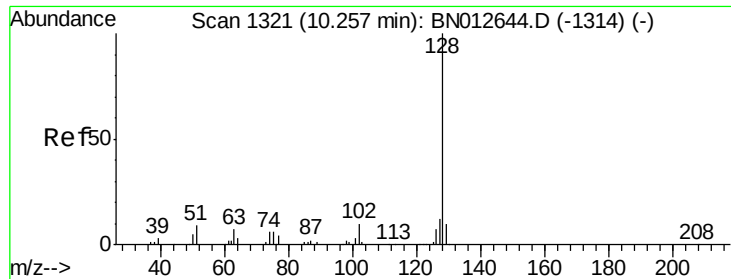
Instrument :
BNA_N
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Quant Title : SVOA CALIBRATION
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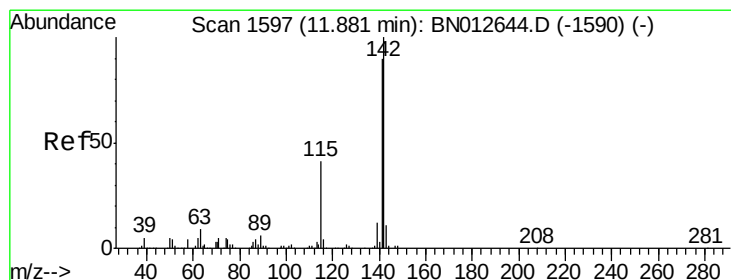
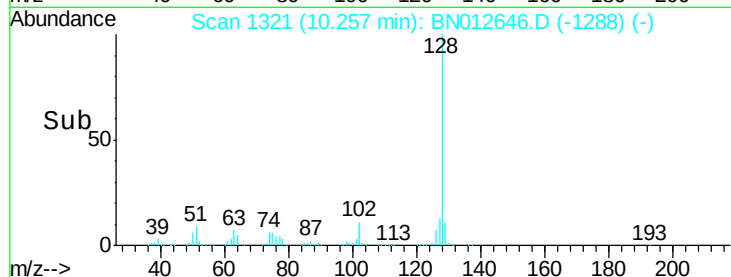
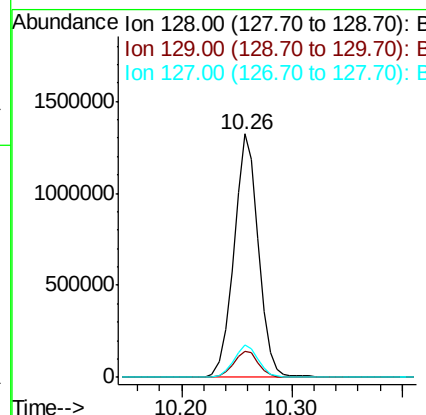
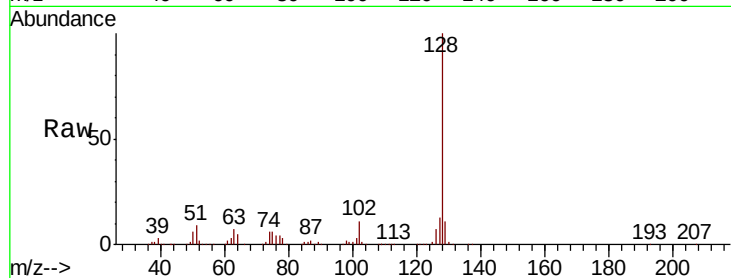
#28
Naphthalene
Concen: 76.555 ng/ul
RT: 10.26 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BN012646.D
Acq: 19 Nov 2020 23:44

Instrument :
BNA_N
ClientSampleId :
DBGH4DL2

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.3	11.6	17.4

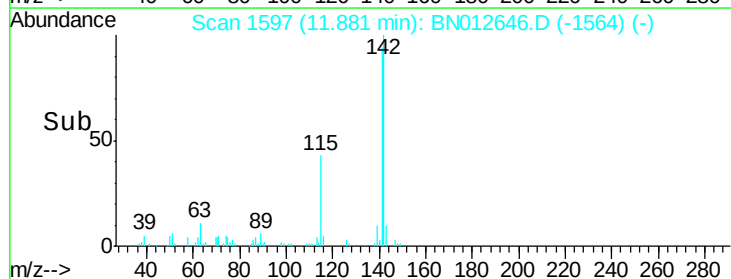
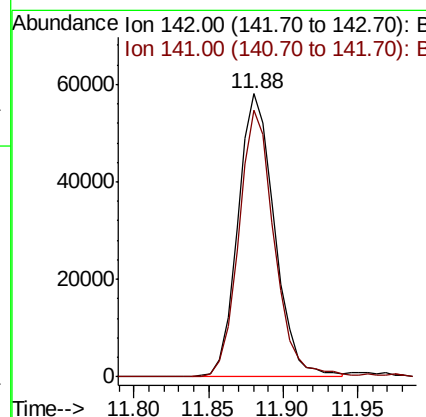
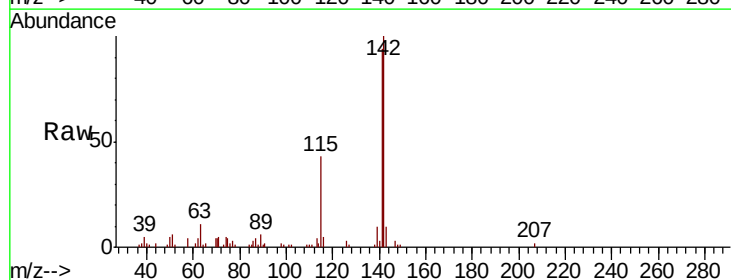
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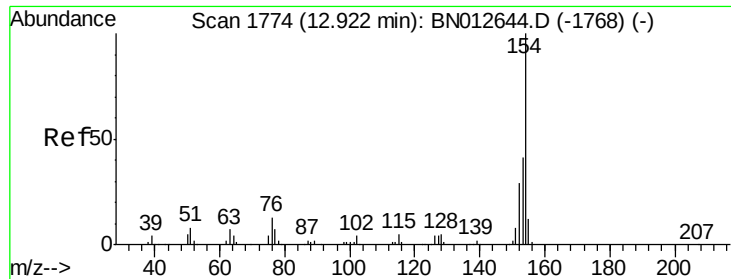
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#34
2-Methylnaphthalene
Concen: 5.322 ng/ul
RT: 11.88 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BN012646.D
Acq: 19 Nov 2020 23:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	73.8	110.8





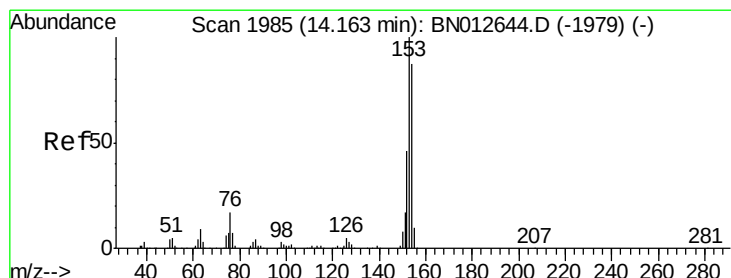
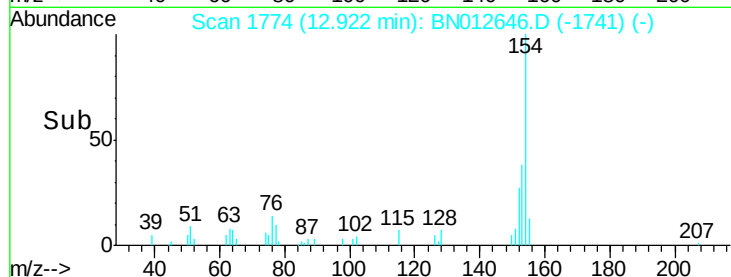
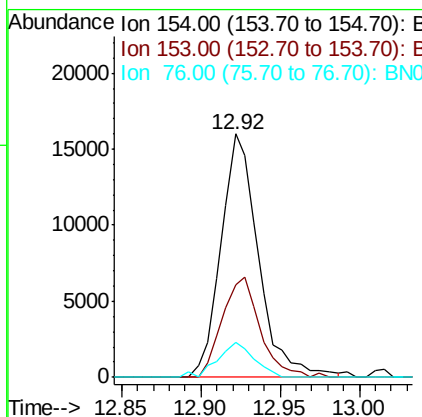
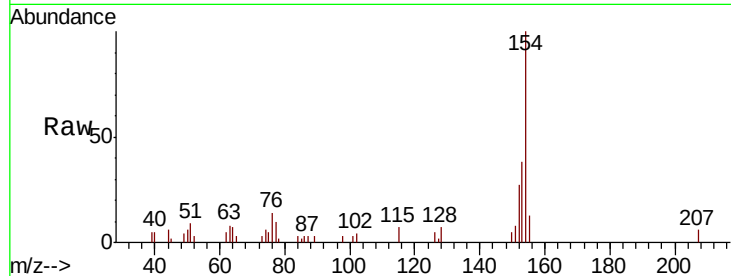
#41
1,1'-Biphenyl
Concen: 1.101 ng/ul
RT: 12.92 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BN012646.D
Acq: 19 Nov 2020 23:44

Instrument :
BNA_N
ClientSampleId :
DBGH4DL2

Tot Ion:	154	Resp:	26261
Ion Ratio	Lower	Upper	
154	100		
153	38.1	31.4	47.0
76	14.1	9.3	13.9

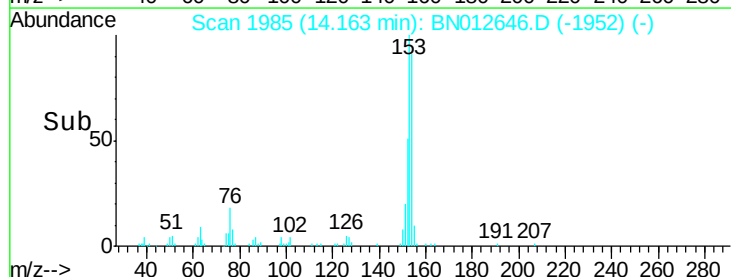
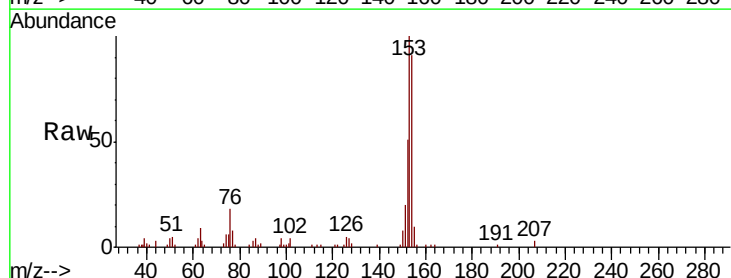
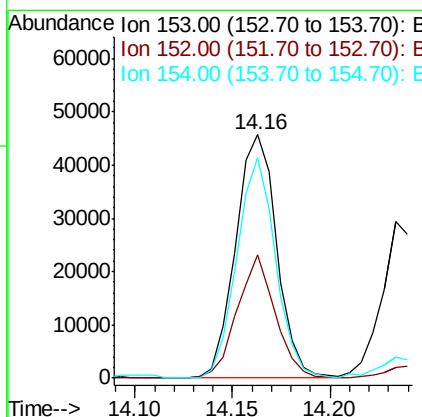
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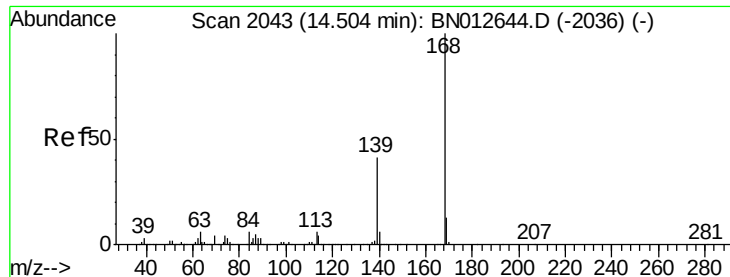
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#50
Acenaphthene
Concen: 3.255 ng/ul
RT: 14.16 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BN012646.D
Acq: 19 Nov 2020 23:44

Tgt Ion:	153	Resp:	66794
Ion Ratio	Lower	Upper	
153	100		
152	50.6	37.1	55.7
154	90.6	69.7	104.5





#54

Dibenzofuran

Concen: 2.891 ng/ul

RT: 14.50 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BN012646.D

Acq: 19 Nov 2020 23:44

Instrument :

BNA_N

ClientSampleId :

DBGH4DL2

Tot Ion:168 Resp: 82243

Ion Ratio Lower Upper

168 100

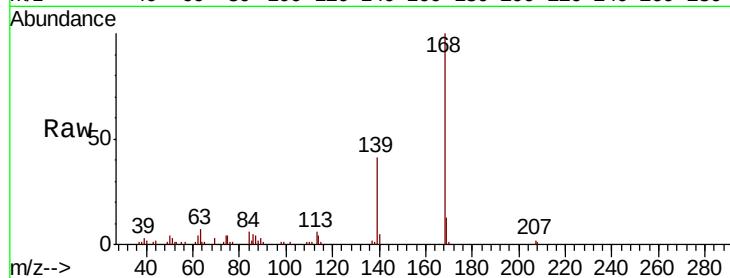
139 40.7 30.5 45.7

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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

60000

50000

40000

30000

20000

10000

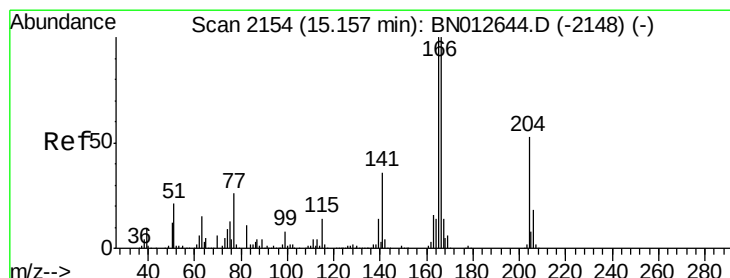
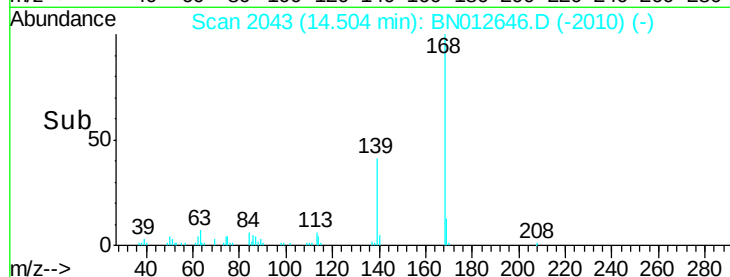
0

14.45

14.50

14.55

Time-->



#59

Fluorene

Concen: 1.813 ng/ul

RT: 15.16 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BN012646.D

Acq: 19 Nov 2020 23:44

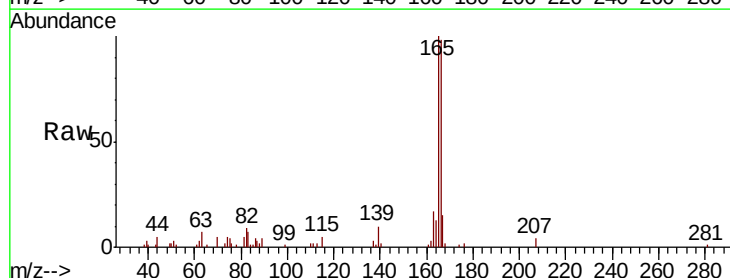
Tgt Ion:166 Resp: 43087

Ion Ratio Lower Upper

166 100

165 102.1 83.3 124.9

167 14.9 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

40000

30000

20000

10000

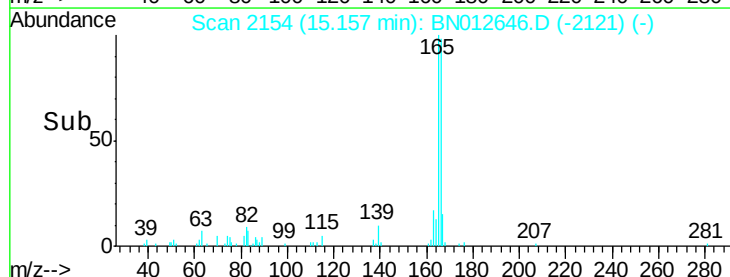
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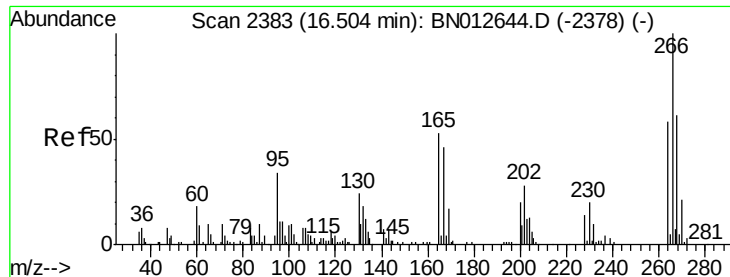
15.10

15.15

15.20

Time-->





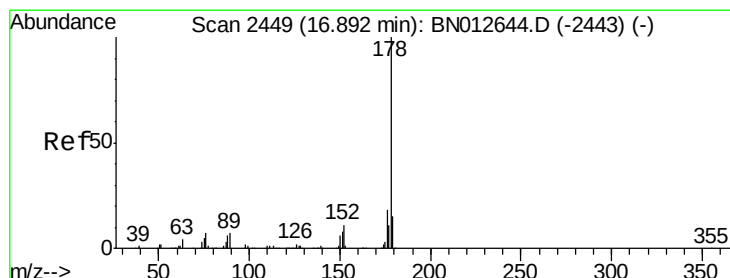
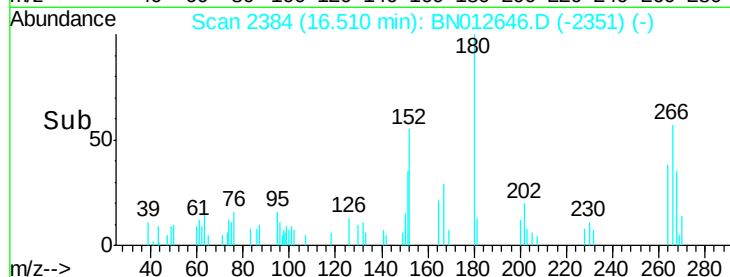
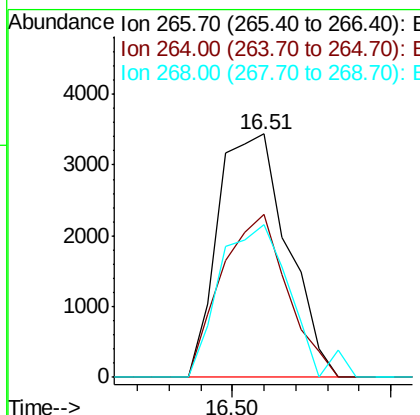
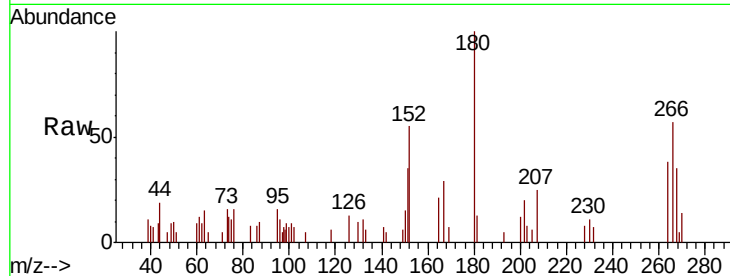
#69
 Pentachlorophenol
 Concen: 1.062 ng/ul
 RT: 16.51 min Scan# 2384
 Delta R.T. -0.01 min
 Lab File: BN012646.D
 Acq: 19 Nov 2020 23:44

Instrument :
 BNA_N
 ClientSampleID :
 DBGH4DL2

Tot Ion:	266	Resp:	5234
Ion Ratio	Lower	Upper	
266	100		
264	67.1	55.0	82.6
268	62.5	56.9	85.3

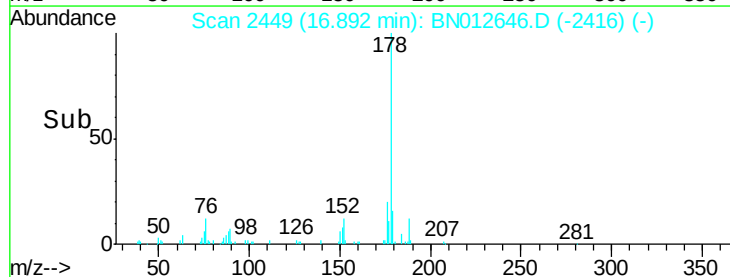
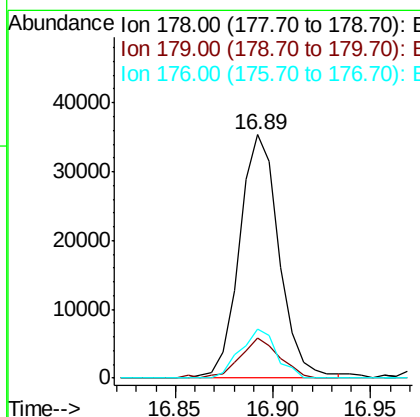
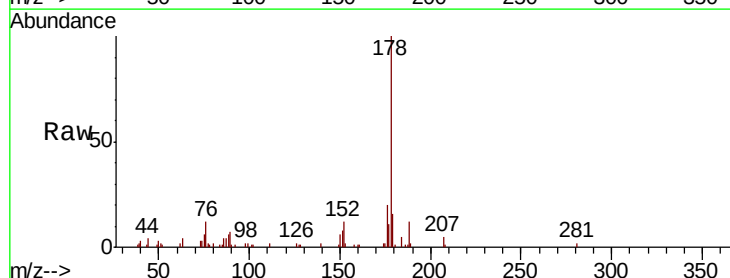
Manual Integrations
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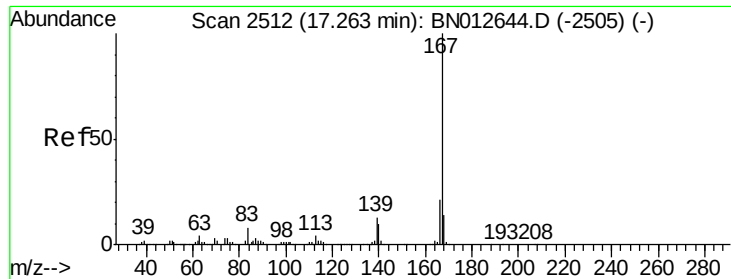
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#70
 Phenanthrene
 Concen: 1.296 ng/ul
 RT: 16.89 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BN012646.D
 Acq: 19 Nov 2020 23:44

Tgt Ion:	178	Resp:	49742
Ion Ratio	Lower	Upper	
178	100		
179	16.4	13.1	19.7
176	20.2	15.4	23.0





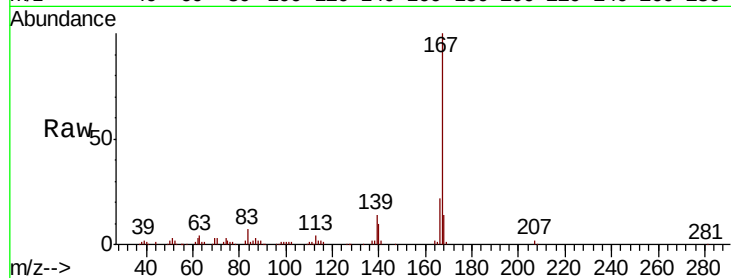
#75
 Carbazole
 Concen: 5.779 ng/ul
 RT: 17.26 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BN012646.D
 Acq: 19 Nov 2020 23:44

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion:	167	Resp:	191838
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.8	26.8
139	13.7	10.4	15.6

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

