

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
 Data File : BN004241.D
 Acq On : 27 Dec 2018 15:21
 Operator : JU/SJ
 Sample : J6441-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF025

Manual Integrations
 APPROVED

Quant Time: Dec 28 00:51:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 28 00:28:03 2018
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	38784	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	177258	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	105714	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	263587	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	287287	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	296679	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	2264	3.82	ng/uL	0.00
5) Phenol-d5	6.99	99	56904	14.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	37672	18.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	52262	17.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	49831	15.59	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	27382	19.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	29965	18.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	49999	17.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	67481	24.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	173106	18.34	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	207419	18.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	1716	0.88	ng/ul	0.02
57) Fluorene-d10	15.45	176	158684	19.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	916	0.48	ng/ul	0.00
70) Anthracene-d10	17.30	188	266390	20.00	ng/ul	0.00
78) Pyrene-d10	19.60	212	291550	22.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	308823	19.19	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	7.02	94	10212	2.653	ng/ul 97
28) Naphthalene	10.67	128	103874	10.922	ng/ul 100
44) Dimethylphthalate	13.91	163	25893	2.811	ng/ul 99
64) N-Nitrosodiphenylamine	15.72	169	48419	6.069	ng/ul 100
69) Phenanthrene	17.25	178	51523	3.383	ng/ul 98
76) Fluoranthene	19.27	202	94884	5.083	ng/ul 98
79) Pyrene	19.63	202	88194	5.495	ng/ul 100
82) Benzo(a)anthracene	21.38	228	43696	2.439	ng/ul# 94
83) Bis(2-ethylhexyl)phthalate	21.28	149	74675	6.816	ng/ul 100
84) Chrysene	21.43	228	44588	2.657	ng/ul# 94
87) Benzo(b)fluoranthene	23.02	252	61012	3.433	ng/ul# 88
88) Benzo(k)fluoranthene	23.06	252	21729m	1.306	ng/ul
90) Benzo(a)pyrene	23.62	252	42656	2.492	ng/ul# 89
91) Indeno(1,2,3-cd)pyrene	26.08	276	28640	1.284	ng/ul 97
93) Benzo(g,h,i)perylene	26.81	276	24931	1.335	ng/ul 97

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

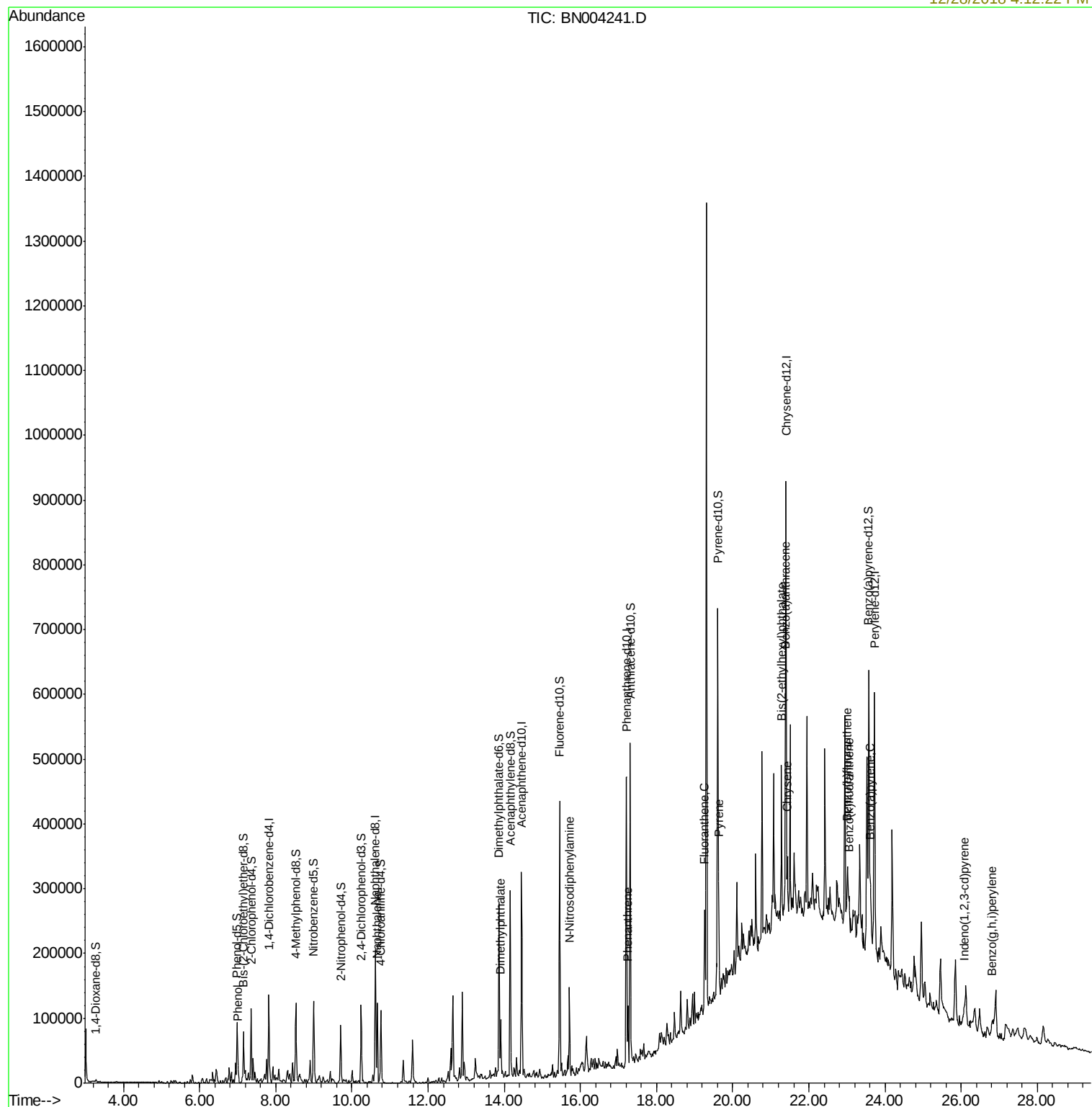
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
Operator : JU/SJ
Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

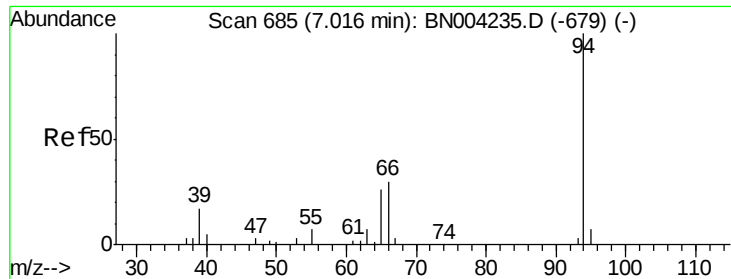
Instrument :
BNA_N
ClientSampleId :
BF025

Manual Integrations
APPROVED

Quant Time: Dec 28 00:51:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 00:28:03 2018
Response via : Initial Calibration

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#6

Phenol

Concen: 2.653 ng/ul

RT: 7.02 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN004241.D

Acq: 27 Dec 2018 15:21

Instrument :

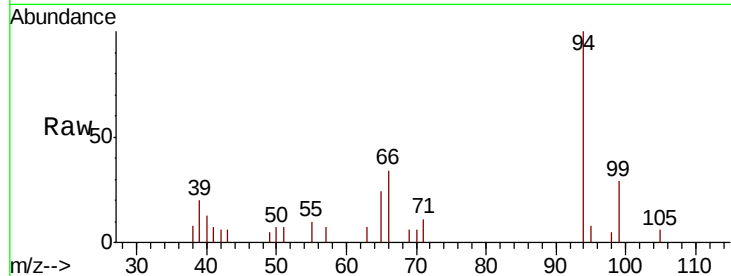
BNA_N

ClientSampleId :

BF025

Tot Ion:	94	Resp:	10212
Ion Ratio	Lower	Upper	
94	100		
65	24.0	21.2	31.8
66	34.4	26.9	40.3

Manual Integrations
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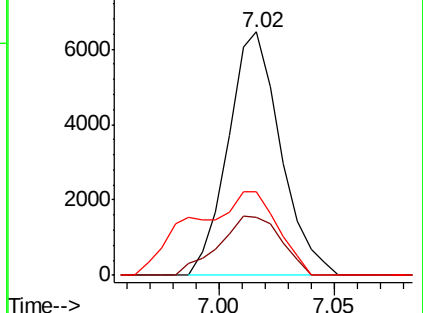
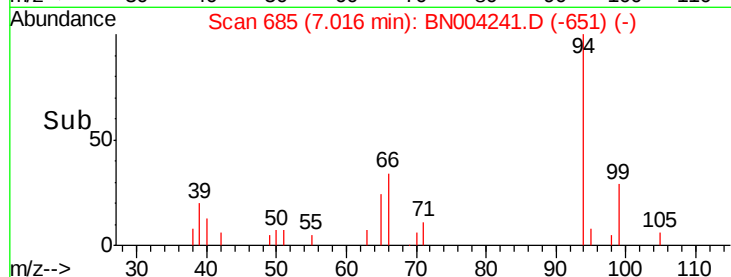


Abundance

Ion 94.00 (93.70 to 94.70): BN004241.D (-651) (-)

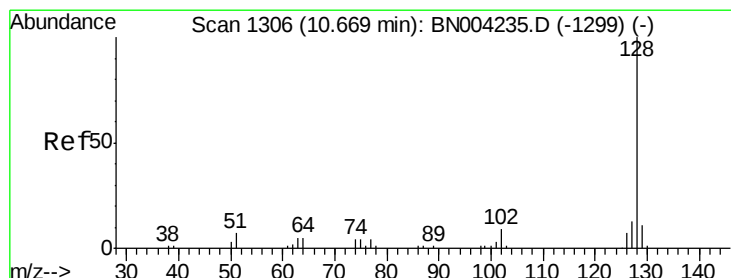
Ion 65.00 (64.70 to 65.70): BN004241.D (-651) (-)

Ion 66.00 (65.70 to 66.70): BN004241.D (-651) (-)



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#28

Naphthalene

Concen: 10.922 ng/ul

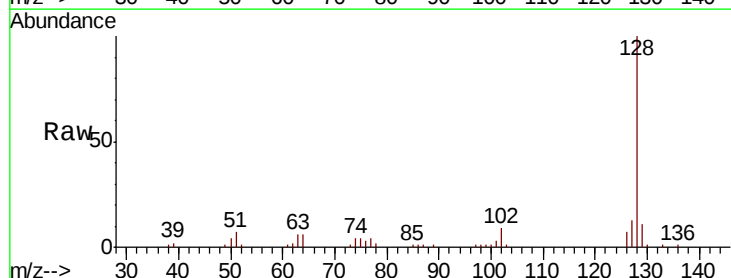
RT: 10.67 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN004241.D

Acq: 27 Dec 2018 15:21

Tgt Ion:	128	Resp:	103874
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.6	12.8
127	13.3	10.6	16.0

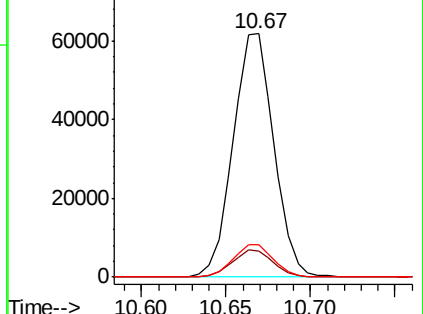
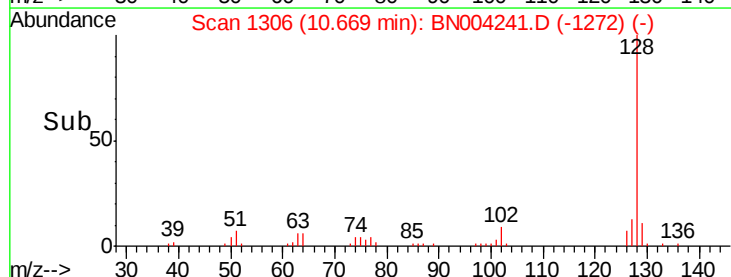


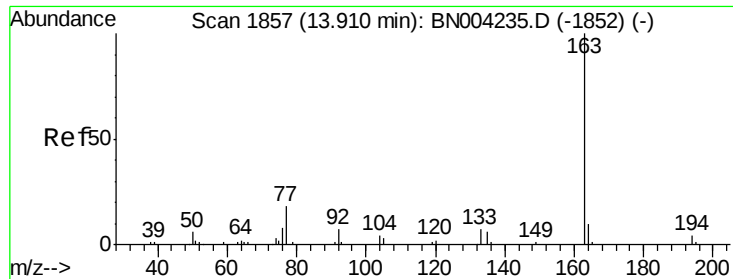
Abundance

Ion 128.00 (127.70 to 128.70): BN004241.D (-1272) (-)

Ion 129.00 (128.70 to 129.70): BN004241.D (-1272) (-)

Ion 127.00 (126.70 to 127.70): BN004241.D (-1272) (-)



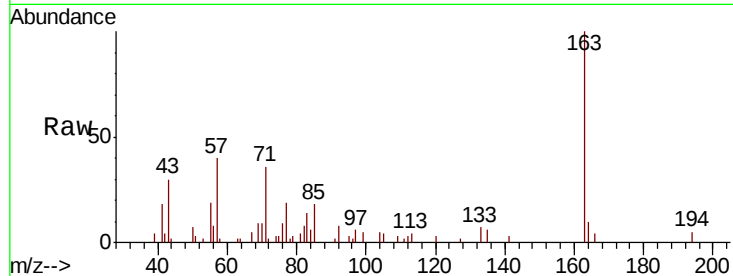


#44
 Dimethylphthalate
 Concen: 2.811 ng/ul
 RT: 13.91 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BN004241.D
 Acq: 27 Dec 2018 15:21

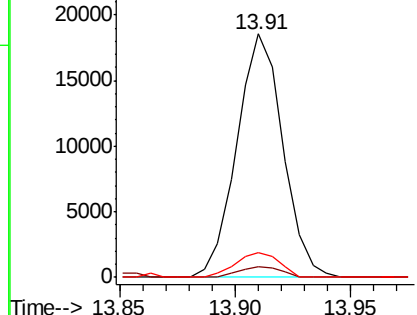
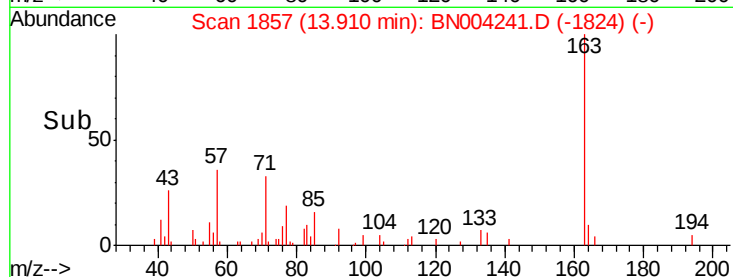
Instrument :
 BNA_N
 ClientSampleId :
 BF025

Tot Ion:	163	Resp:	25893
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.4	5.0
164	10.1	7.9	11.9

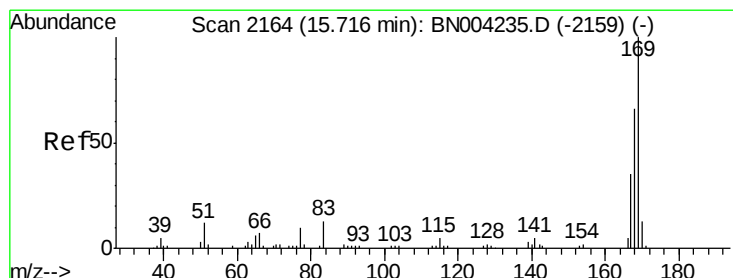
Manual Integrations
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Abundance Ion 163.00 (162.70 to 163.70): E
 25000 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

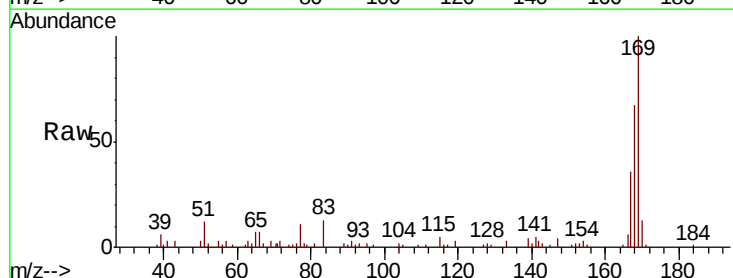


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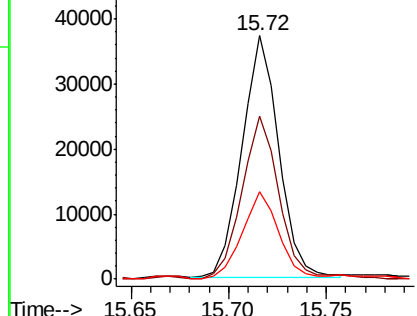
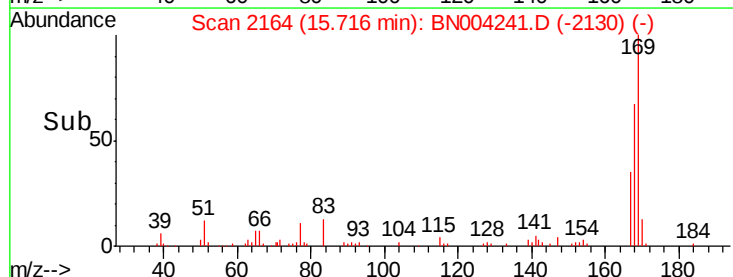


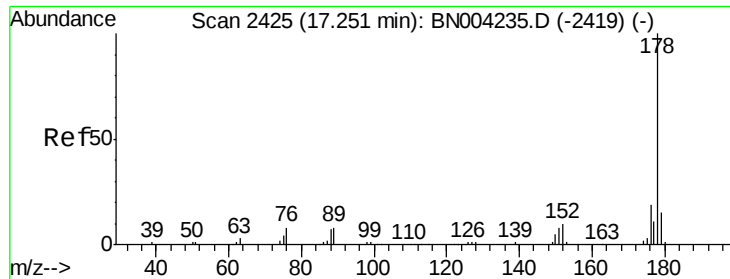
#64
 N-Nitrosodiphenylamine
 Concen: 6.069 ng/ul
 RT: 15.72 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BN004241.D
 Acq: 27 Dec 2018 15:21

Tgt Ion:	169	Resp:	48419
Ion Ratio	Lower	Upper	
169	100		
168	67.0	53.7	80.5
167	36.0	28.6	42.8



Abundance Ion 169.00 (168.70 to 169.70): E
 50000 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



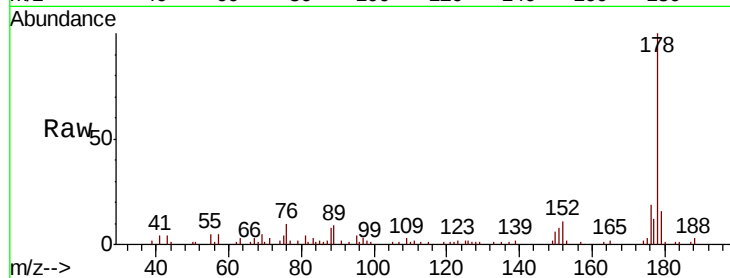


#69
Phenanthrene
Concen: 3.383 ng/ul
RT: 17.25 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BN004241.D
Acq: 27 Dec 2018 15:21

Instrument :
BNA_N
ClientSampled :
BF025

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.1	18.1
176	19.4	15.0	22.6

Manual Integrations
APPROVED

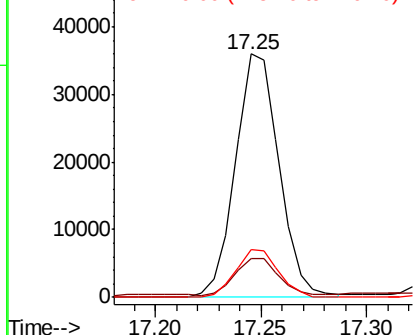


Abundance

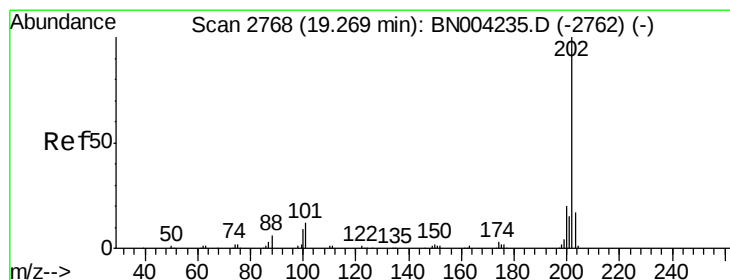
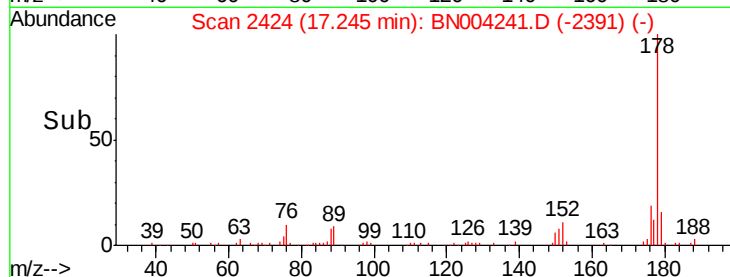
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

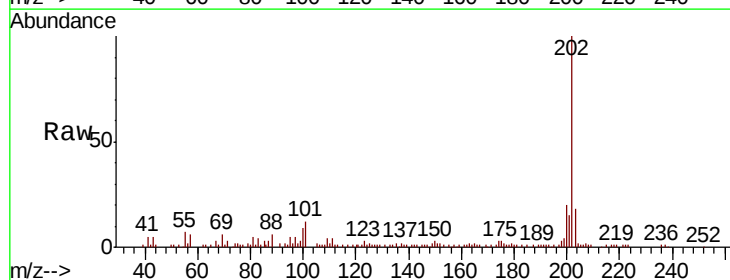


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#76
Fluoranthene
Concen: 5.083 ng/ul
RT: 19.27 min Scan# 2768
Delta R.T. -0.00 min
Lab File: BN004241.D
Acq: 27 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.2	15.2
100	9.1	7.8	11.8

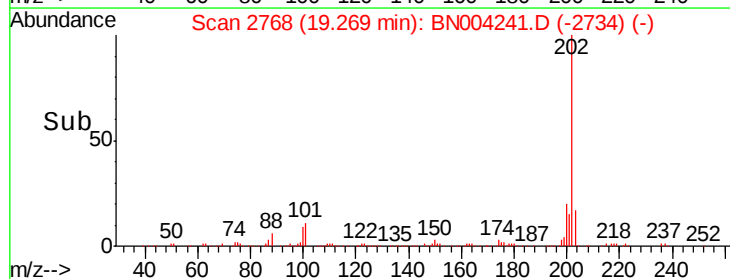
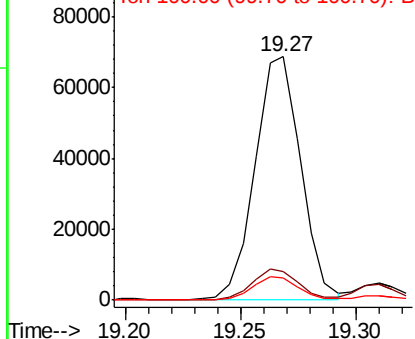


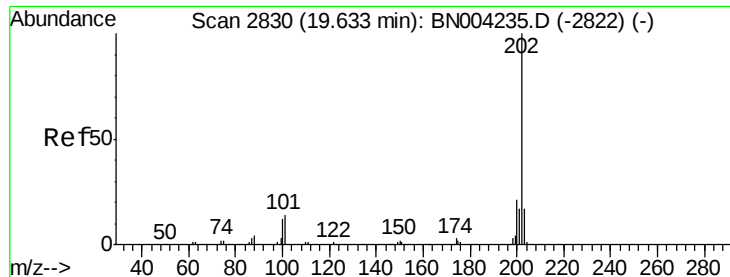
Abundance

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): B





#79

Pvrene

Concen: 5.495 ng/ul

RT: 19.63 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BN004241.D

Acq: 27 Dec 2018 15:21

Instrument :

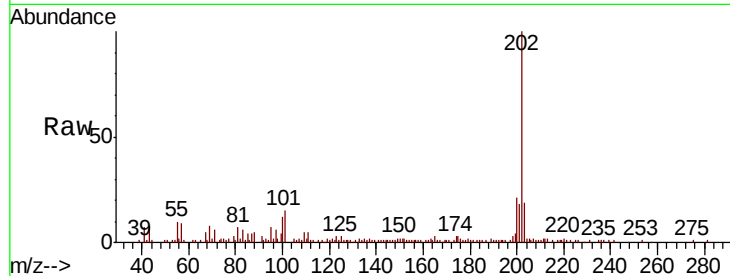
BNA_N

ClientSampleId :

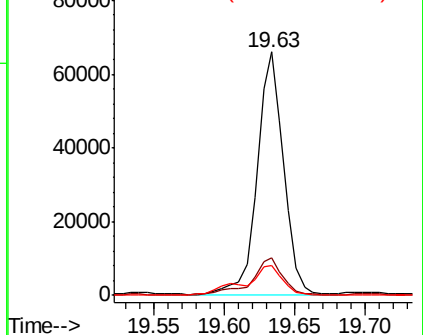
BF025

Tot Ion:	202	Resp:	88194
Ion Ratio		Lower	Upper
202	100		
101	15.3	12.2	18.2
100	12.3	9.9	14.9

Manual Integrations
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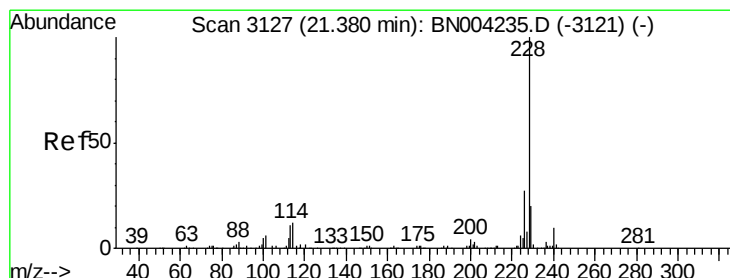
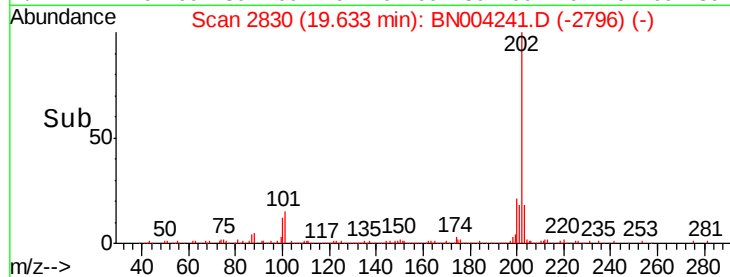


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



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#82

Benzo(a)anthracene

Concen: 2.439 ng/ul

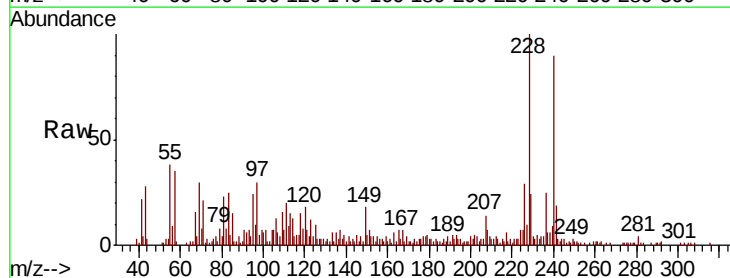
RT: 21.38 min Scan# 3127

Delta R.T. -0.00 min

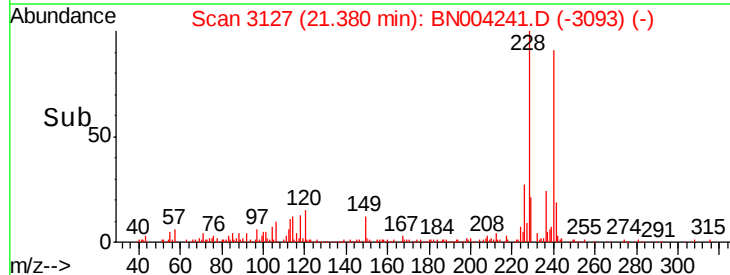
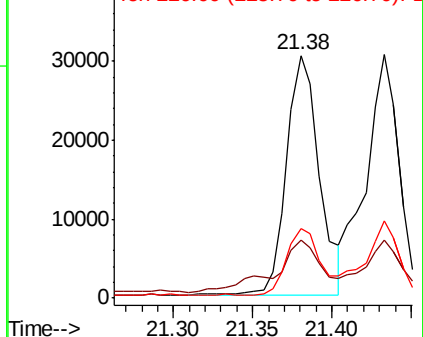
Lab File: BN004241.D

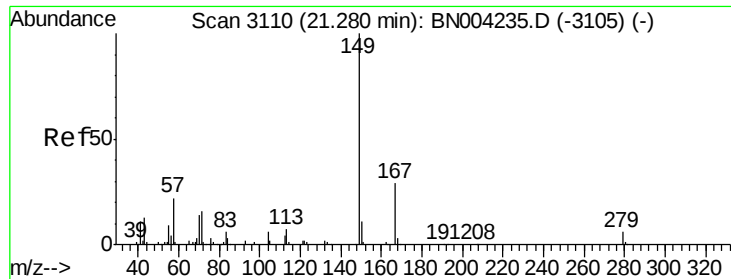
Acq: 27 Dec 2018 15:21

Tgt Ion:	228	Resp:	43696
Ion Ratio		Lower	Upper
228	100		
229	24.0	15.9	23.9#
226	28.6	21.4	32.2



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



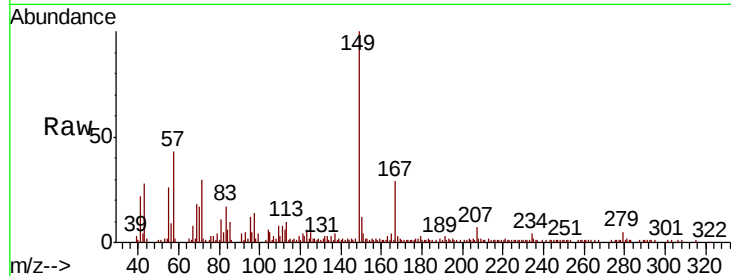


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.816 ng/ul
 RT: 21.28 min Scan# 3110
 Delta R.T. 0.01 min
 Lab File: BN004241.D
 Acq: 27 Dec 2018 15:21

Instrument :
 BNA_N
 ClientSampleId :
 BF025

Tot Ion:	149	Resp:	74675
Ion Ratio	Lower	Upper	
149	100		
167	28.6	23.0	34.4
279	5.5	4.4	6.6

Manual Integrations
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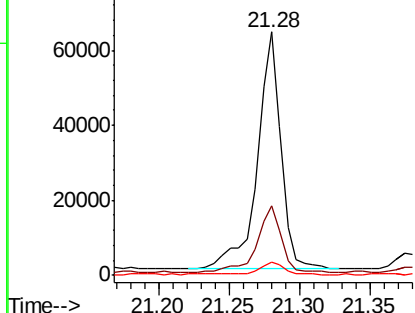


Abundance

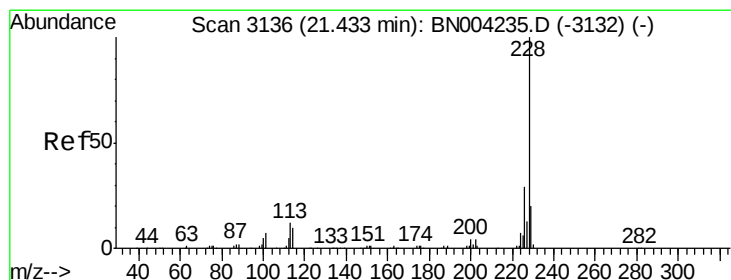
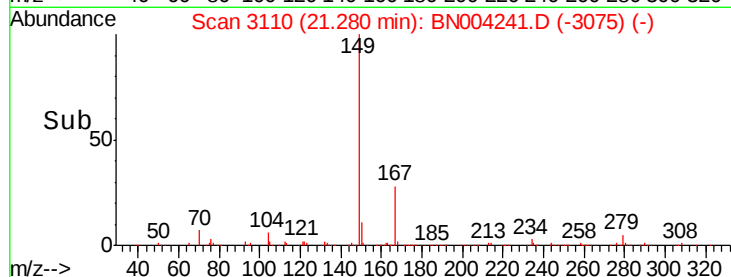
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

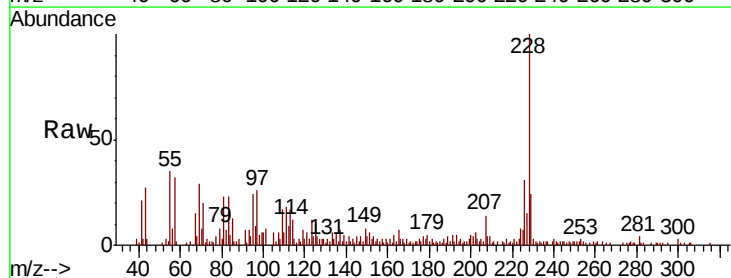


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#84
 Chrysene
 Concen: 2.657 ng/ul
 RT: 21.43 min Scan# 3136
 Delta R.T. 0.00 min
 Lab File: BN004241.D
 Acq: 27 Dec 2018 15:21

Tgt Ion:	228	Resp:	44588
Ion Ratio	Lower	Upper	
228	100		
226	31.5	23.8	35.8
229	23.9	15.8	23.6#

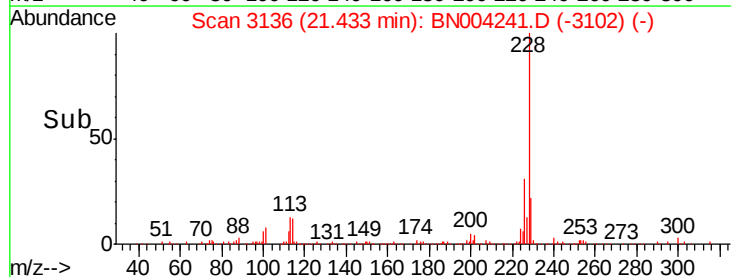
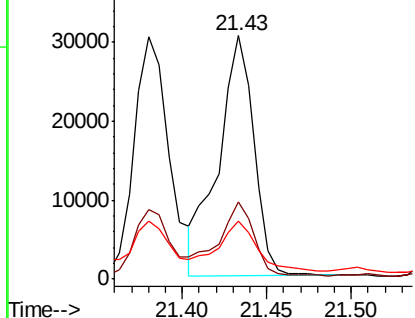


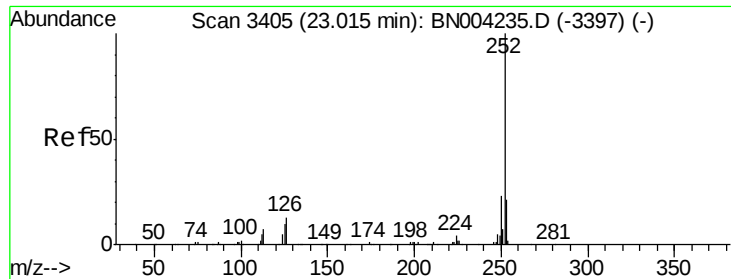
Abundance

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





#87

Benzo(b)fluoranthene

Concen: 3.433 ng/ul

RT: 23.02 min Scan# 3405

Delta R.T. 0.01 min

Lab File: BN004241.D

Acq: 27 Dec 2018 15:21

Instrument :

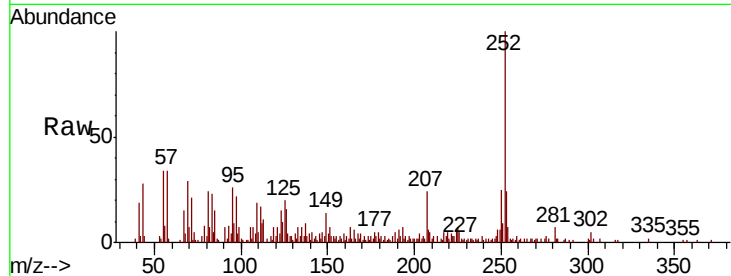
BNA_N

ClientSampled :

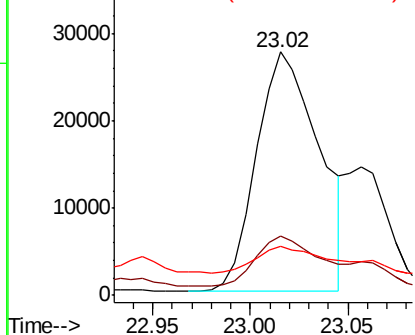
BF025

Tot Ion:	252	Resp:	61012
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.3	25.9
125	20.3	8.2	12.4#

Manual Integrations
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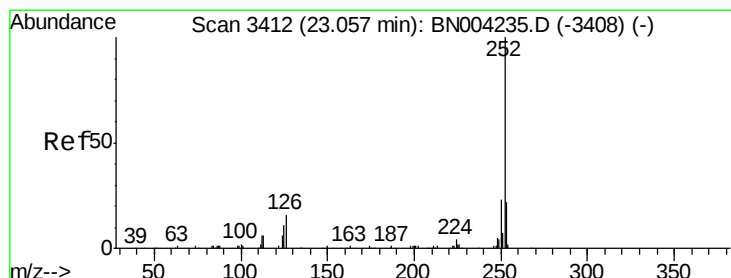
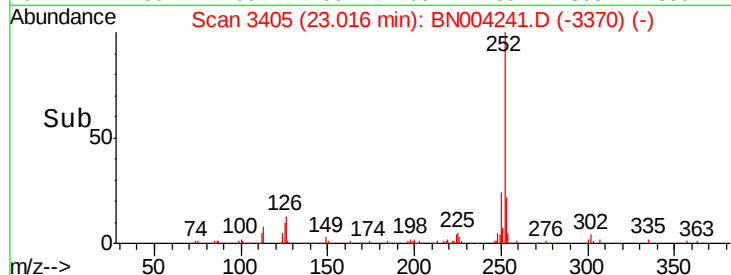


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



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#88

Benzo(k)fluoranthene

Concen: 1.306 ng/ul m

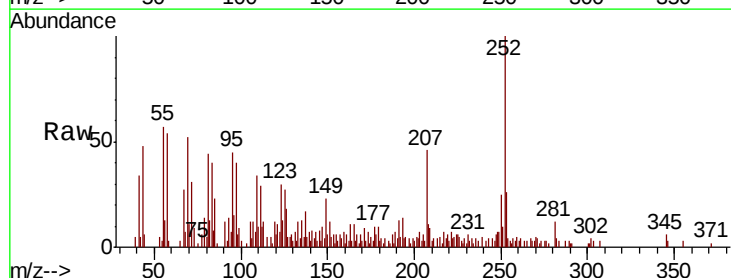
RT: 23.06 min Scan# 3412

Delta R.T. -0.00 min

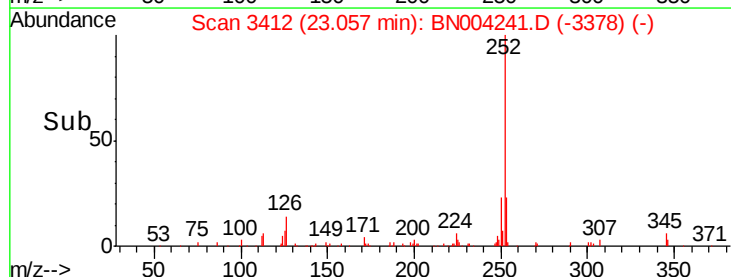
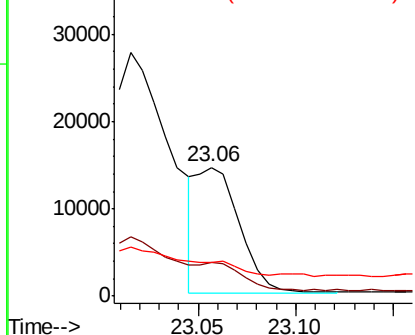
Lab File: BN004241.D

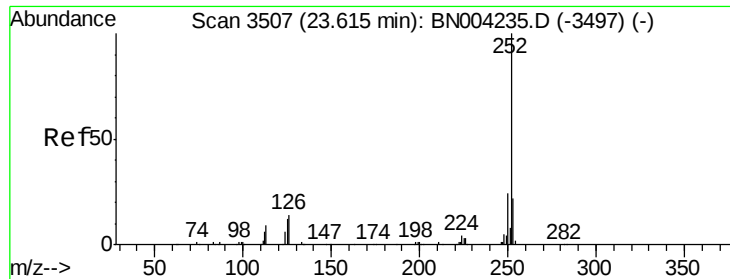
Acq: 27 Dec 2018 15:21

Tgt Ion:	252	Resp:	21729
Ion Ratio	Lower	Upper	
252	100		
253	26.2	17.1	25.7#
125	26.5	7.9	11.9#



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





#90

Benzo(a)pyrene

Concen: 2.492 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. -0.00 min

Lab File: BN004241.D

Acq: 27 Dec 2018 15:21

Instrument :

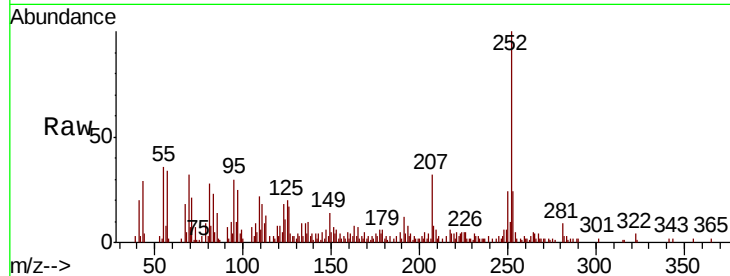
BNA_N

ClientSampleId :

BF025

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	20.2	9.1	13.7#

Manual Integrations
APPROVED

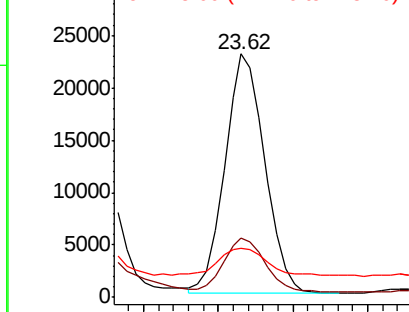


Abundance

Ion 252.00 (251.70 to 252.70): E

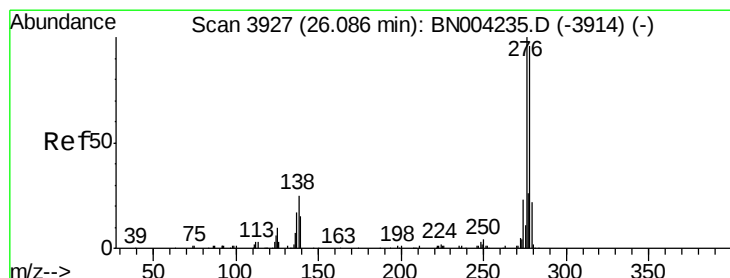
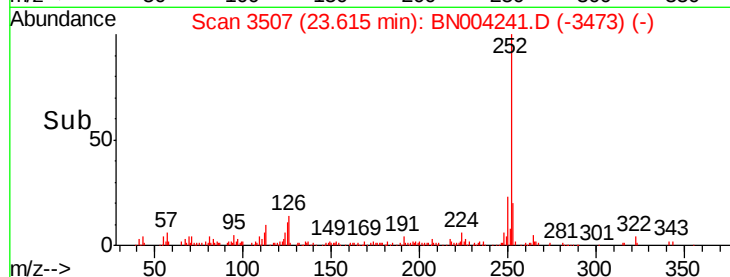
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Sohil

12/28/2018 4:12:22 PM



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.284 ng/ul

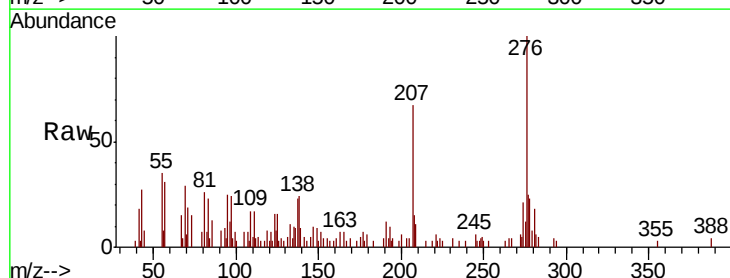
RT: 26.08 min Scan# 3926

Delta R.T. -0.00 min

Lab File: BN004241.D

Acq: 27 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.5	20.4	30.6
277	25.0	20.6	30.8

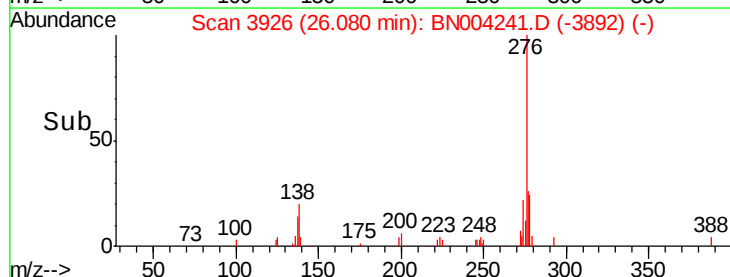
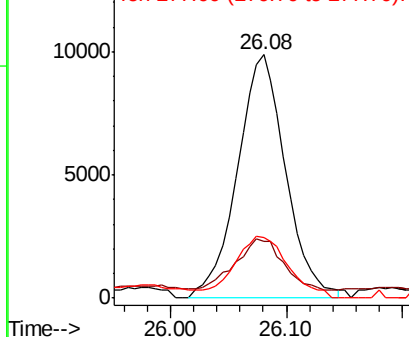


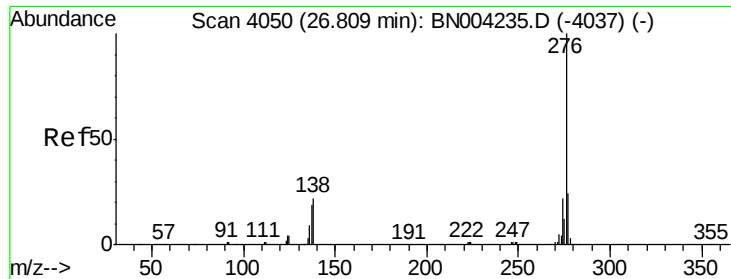
Abundance

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





#93

Benzo(a,h,i)perylene

Concen: 1.335 ng/ul

RT: 26.81 min Scan# 4050

Delta R.T. -0.00 min

Lab File: BN004241.D

Acq: 27 Dec 2018 15:21

Instrument :

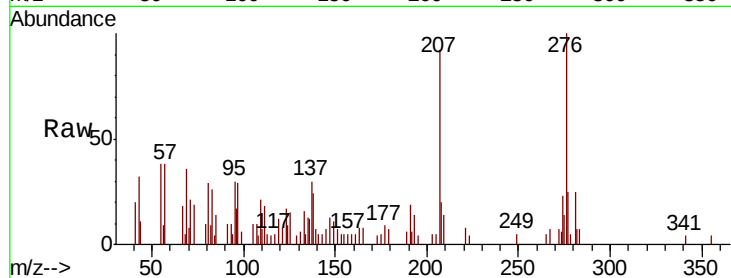
BNA_N

ClientSampleId :

BF025

Tot Ion:	276	Resp:	24931
Ion Ratio	Lower	Upper	
276	100		
138	24.0	18.2	27.4
277	25.3	19.0	28.6

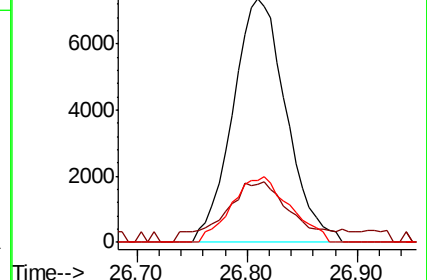
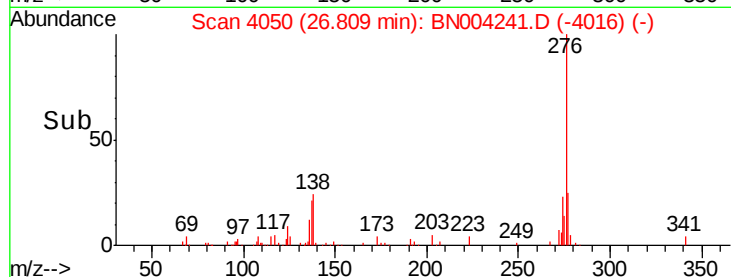
Manual Integrations
APPROVED



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



Sohil

12/28/2018 4:12:22 PM