

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005926.D
 Acq On : 29 May 2019 12:43
 Operator : JU/SJ
 Sample : K2928-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42C2

Manual Integrations
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Quant Time: May 29 13:45:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 02:28:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	462775	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	2102267	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	1228217	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	2752062	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	2548278	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	2609085	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	37241	3.54	ng/uL	0.00
5) Phenol-d5	6.89	99	719963	17.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	505502	21.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	598691	19.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	494683	14.94	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	308881	22.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	311266	24.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	564318	19.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	637042	16.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	2024868	22.36	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	2270431	20.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	254275	15.43	ng/ul	0.00
57) Fluorene-d10	15.36	176	1651426	21.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	166078	14.81	ng/ul	0.00
70) Anthracene-d10	17.22	188	2312710	19.75	ng/ul	0.00
78) Pyrene-d10	19.52	212	2562829	19.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	2212238	19.00	ng/ul	0.02

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.83	163	672939	7.436	ng/ul	100
47) Acenaphthylene	14.09	152	115235	1.037	ng/ul	99
69) Phenanthrene	17.16	178	859965	6.307	ng/ul	99
71) Anthracene	17.25	178	139523	1.008	ng/ul	99
76) Fluoranthene	19.19	202	1768791	12.151	ng/ul#	94
79) Pyrene	19.55	202	1584023	9.813	ng/ul#	91
82) Benzo(a)anthracene	21.32	228	868160	5.420	ng/ul	94
84) Chrysene	21.37	228	977759	6.544	ng/ul	97
87) Benzo(b)fluoranthene	22.93	252	1211949	8.270	ng/ul#	97
88) Benzo(k)fluoranthene	22.97	252	338657m	2.513	ng/ul	
90) Benzo(a)pyrene	23.51	252	734258	5.313	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.89	276	421901	2.602	ng/ul	96
93) Benzo(g,h,i)perylene	26.58	276	291111	2.132	ng/ul#	92

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

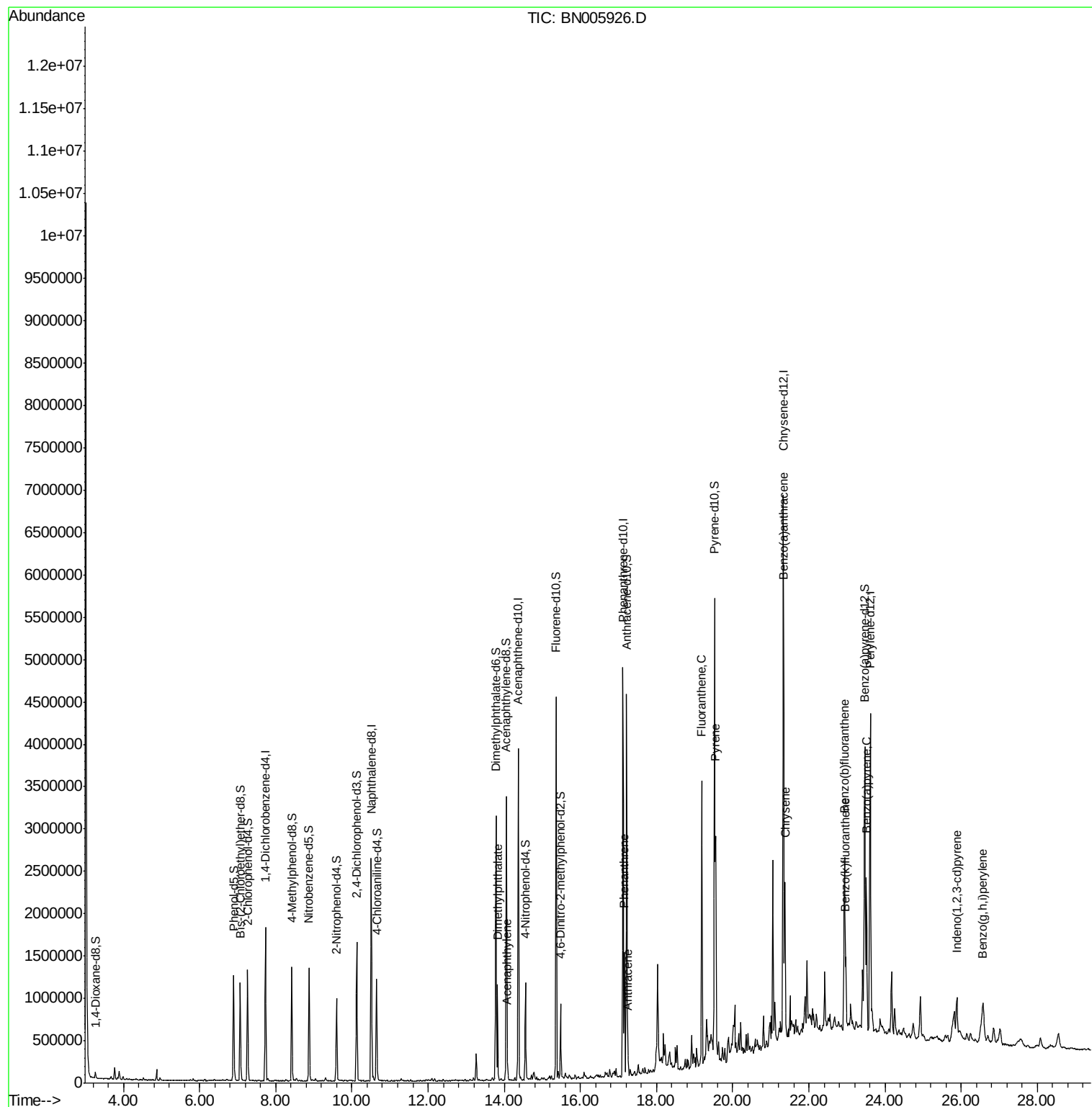
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005926.D
Acq On : 29 May 2019 12:43
Operator : JU/SJ
Sample : K2928-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

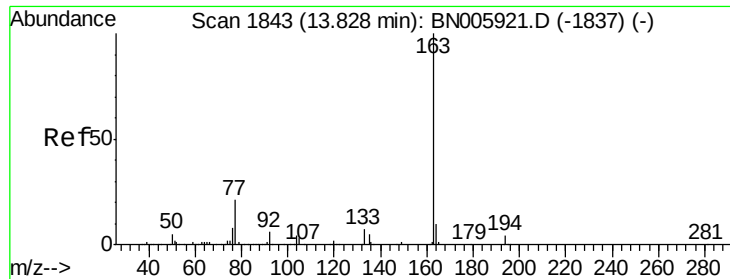
Instrument :
BNA_N
ClientSampleId :
A42C2

Quant Time: May 29 13:45:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration

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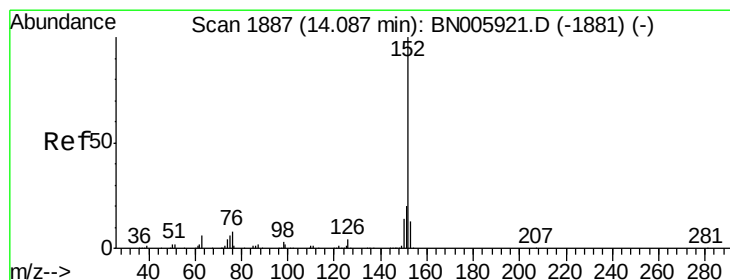
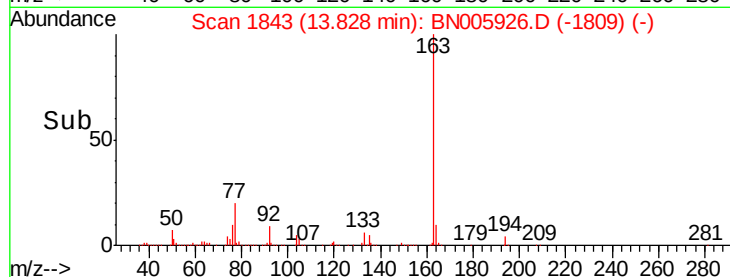
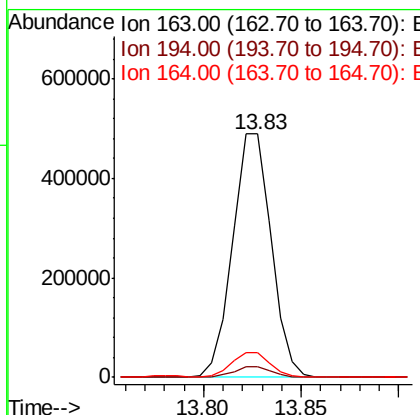
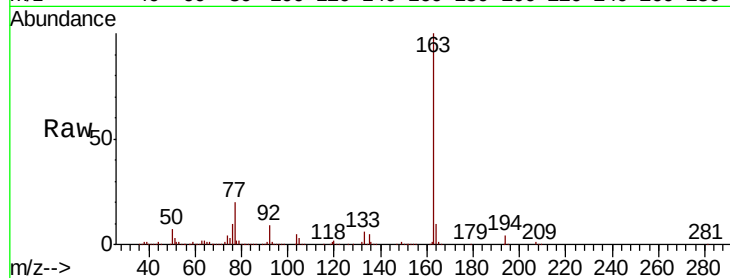
#44
Dimethylphthalate
Concen: 7.436 ng/ul
RT: 13.83 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BN005926.D
Acq: 29 May 2019 12:43

Instrument :
BNA_N
ClientSampleId :
A42C2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	672939		
194	4.1		3.4	5.0
164	10.1		8.1	12.1

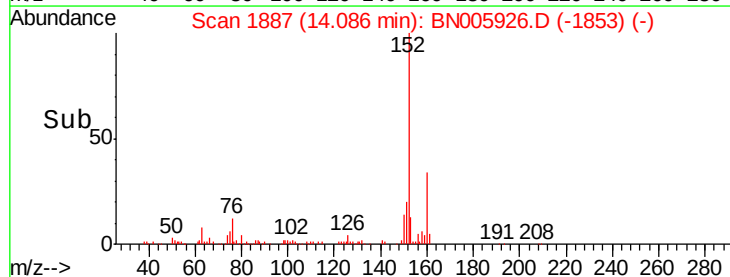
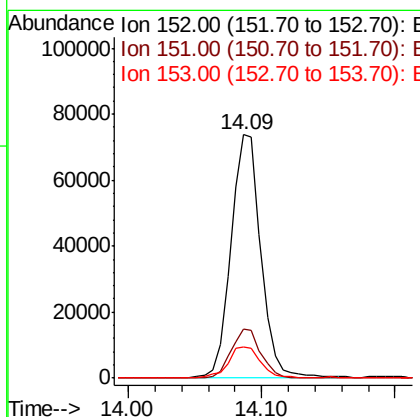
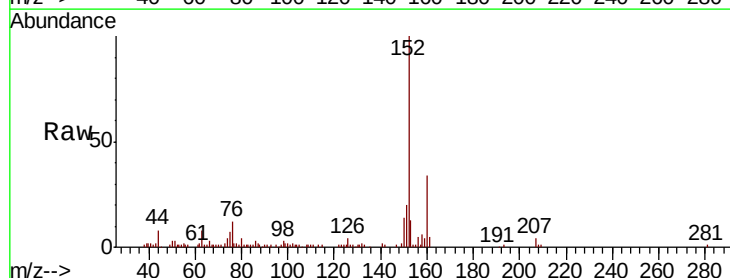
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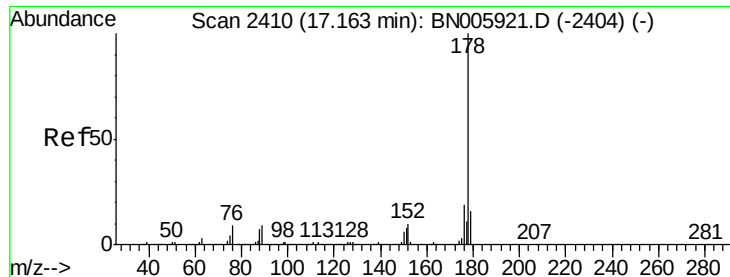
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#47
Acenaphthylene
Concen: 1.037 ng/ul
RT: 14.09 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BN005926.D
Acq: 29 May 2019 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	115235		
151	20.1		15.8	23.8
153	13.0		9.8	14.8





#69

Phenanthrene

Concen: 6.307 ng/ul

RT: 17.16 min Scan# 2410

Delta R.T. 0.01 min

Lab File: BN005926.D

Acq: 29 May 2019 12:43

Instrument :

BNA_N

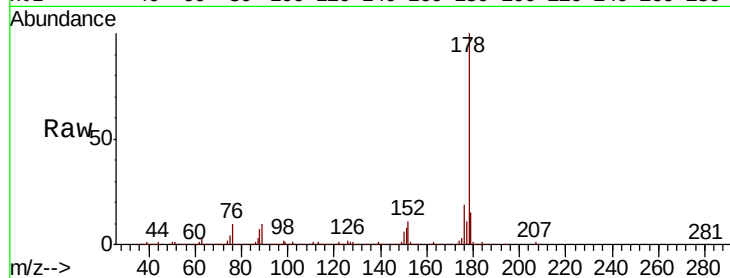
ClientSampleId :

A42C2

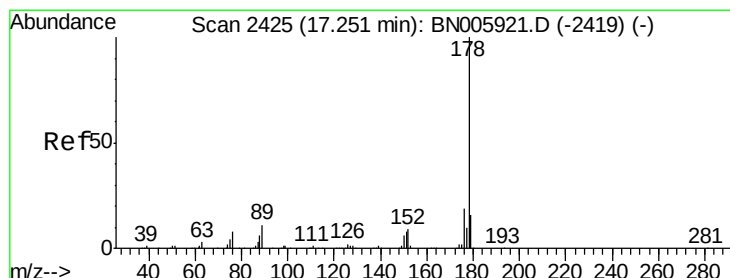
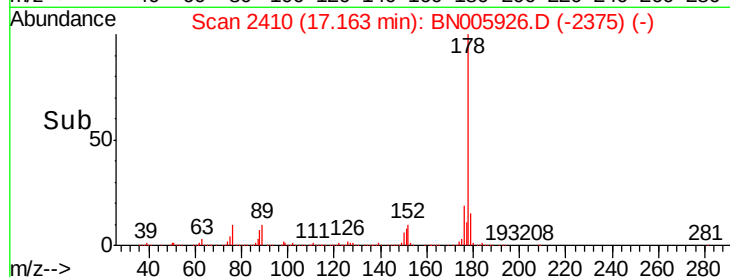
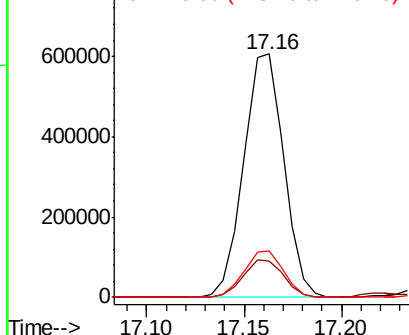
Tot Ion:	178	Resp:	859965
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.2	18.4
176	19.1	15.1	22.7

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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



#71

Anthracene

Concen: 1.008 ng/ul

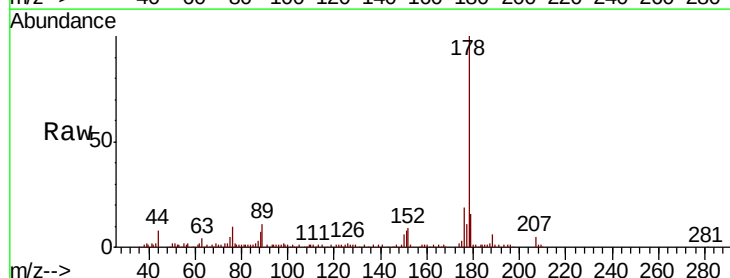
RT: 17.25 min Scan# 2425

Delta R.T. -0.00 min

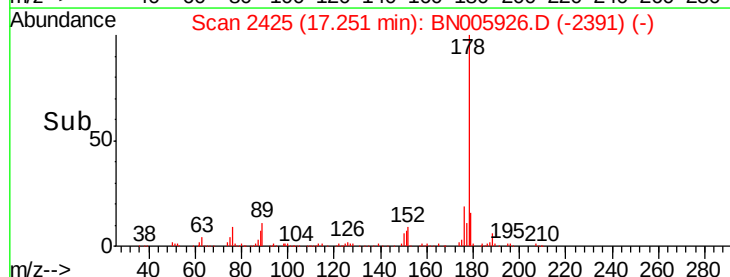
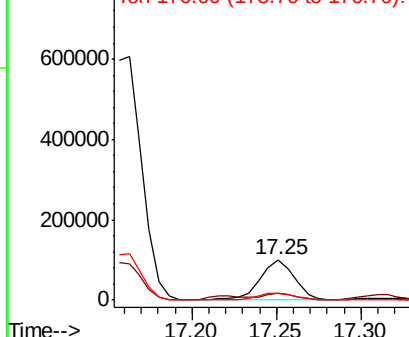
Lab File: BN005926.D

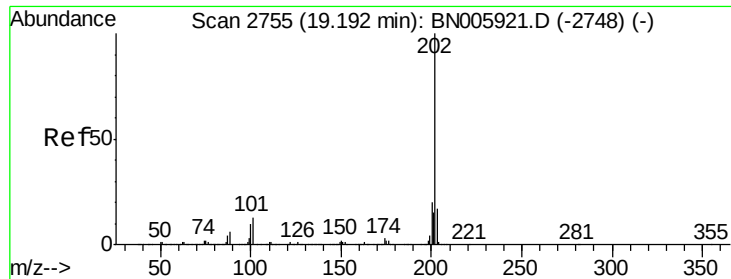
Acq: 29 May 2019 12:43

Tgt Ion:	178	Resp:	139523
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.3	18.5
176	18.5	15.1	22.7



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





#76

Fluoranthene

Concen: 12.151 ng/ul

RT: 19.19 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BN005926.D

Acq: 29 May 2019 12:43

Instrument :

BNA_N

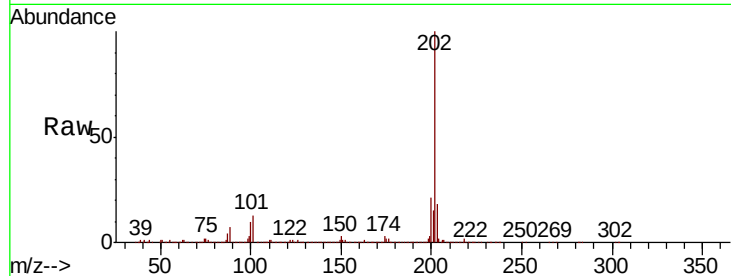
ClientSampleId :

A42C2

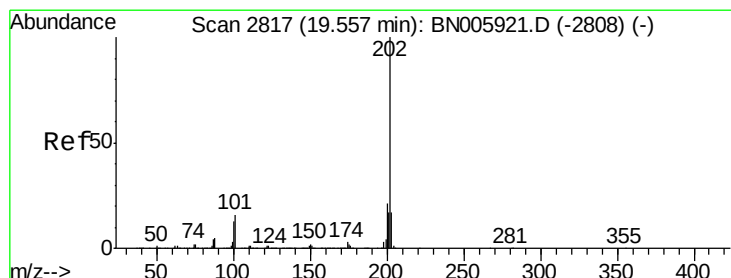
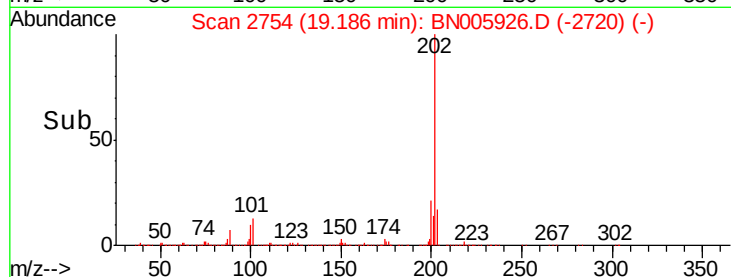
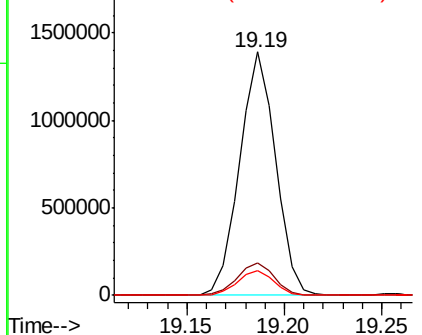
Tot Ion:	202	Resp:	1768791
Ion	Ratio	Lower	Upper
202	100		
101	13.3	8.6	12.8#
100	9.9	6.3	9.5#

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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



#79

Pyrene

Concen: 9.813 ng/ul

RT: 19.55 min Scan# 2816

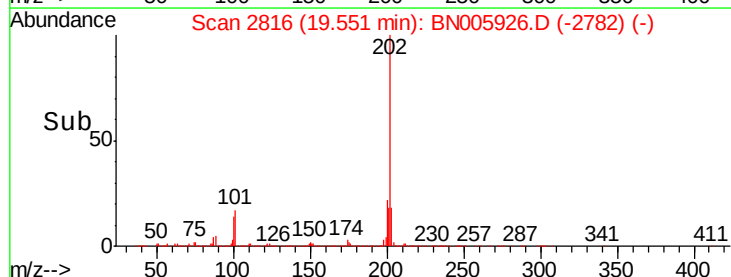
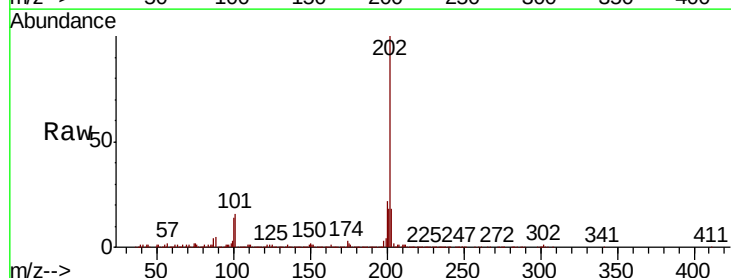
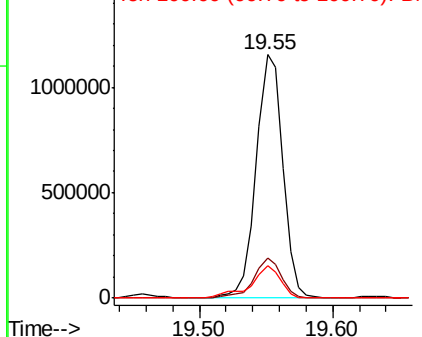
Delta R.T. -0.00 min

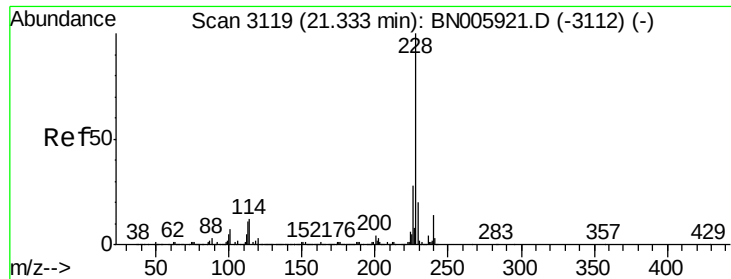
Lab File: BN005926.D

Acq: 29 May 2019 12:43

Tgt Ion:	202	Resp:	1584023
Ion	Ratio	Lower	Upper
202	100		
101	16.4	10.3	15.5#
100	13.6	7.9	11.9#

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





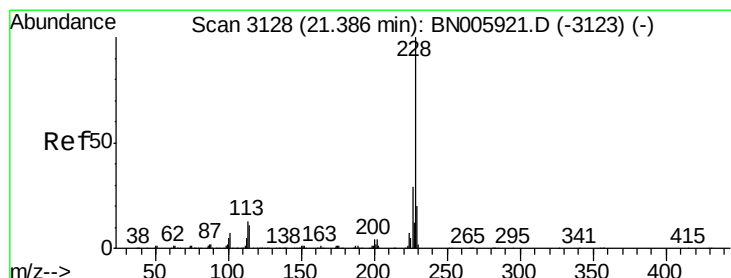
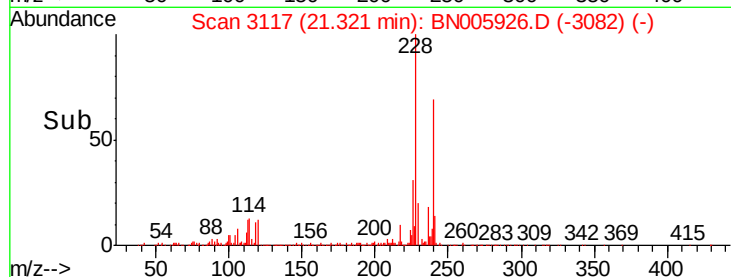
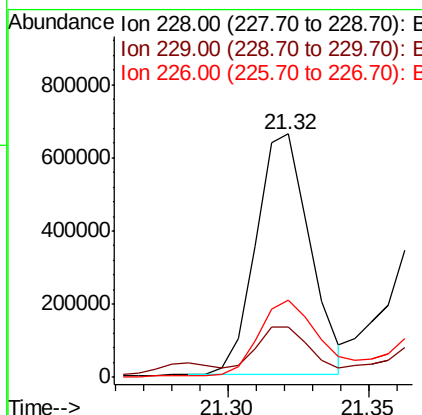
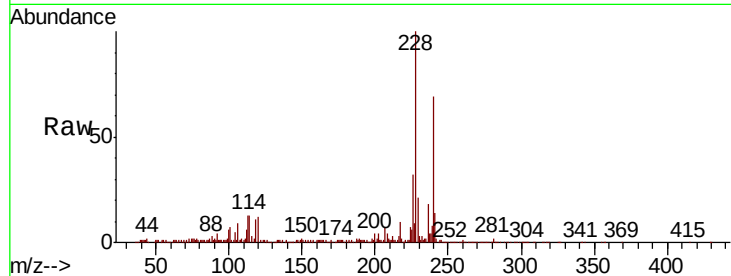
#82
Benzo(a)anthracene
Concen: 5.420 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BN005926.D
Acq: 29 May 2019 12:43

Instrument :
BNA_N
ClientSampleId :
A42C2

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.6
226	31.7	21.4	32.2

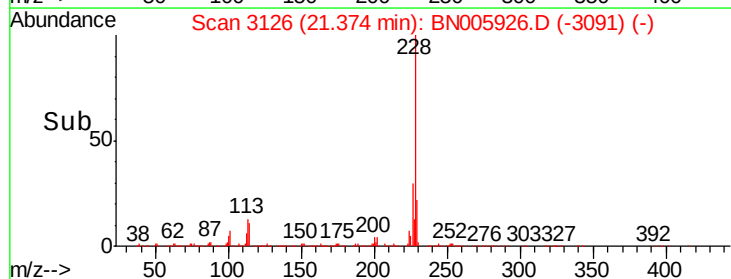
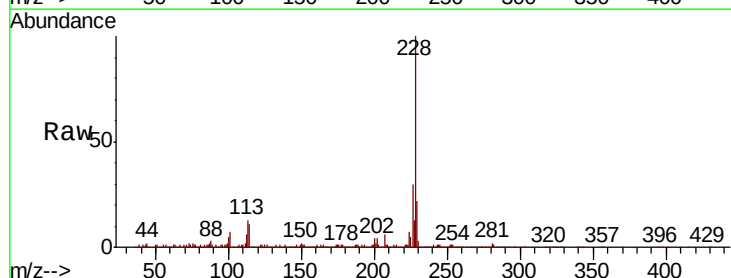
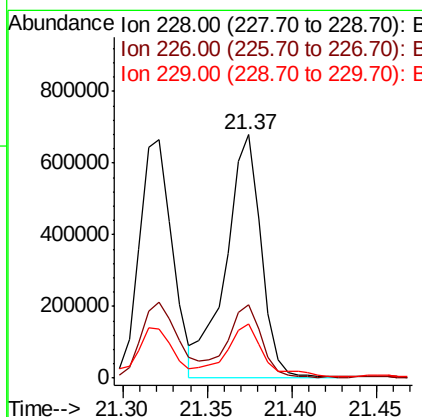
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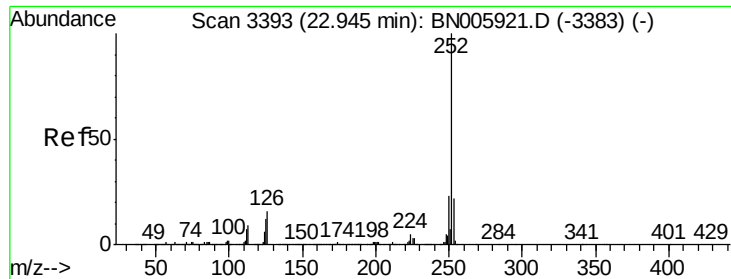
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#84
Chrysene
Concen: 6.544 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. 0.01 min
Lab File: BN005926.D
Acq: 29 May 2019 12:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	22.1	15.4	23.0





#87

Benzo(b)fluoranthene

Concen: 8.270 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. 0.01 min

Lab File: BN005926.D

Acq: 29 May 2019 12:43

Instrument :

BNA_N

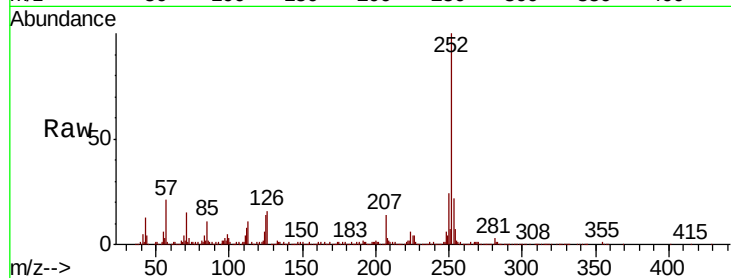
ClientSampleId :

A42C2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	13.7	8.4	12.6

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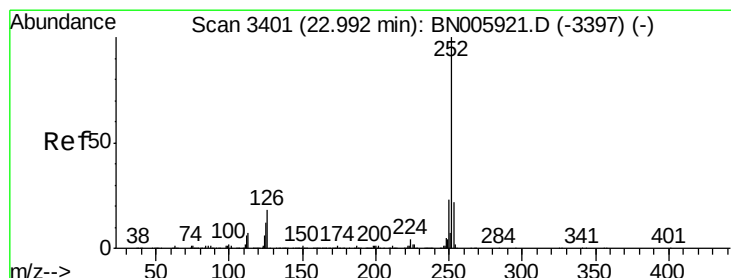
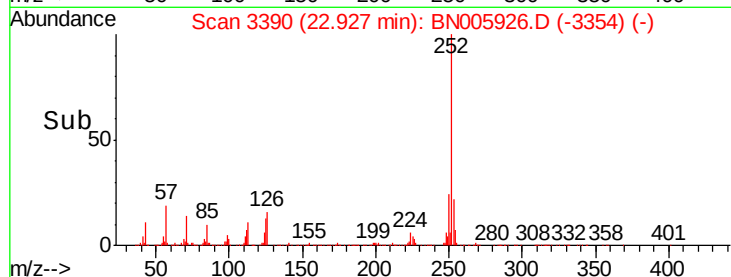
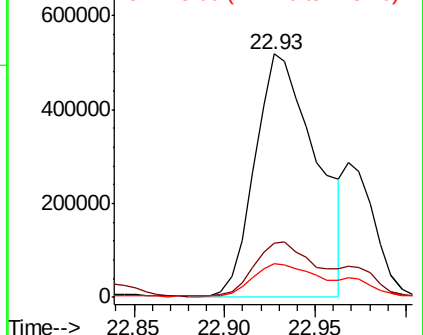


Abundance

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



#88

Benzo(k)fluoranthene

Concen: 2.513 ng/ul m

RT: 22.97 min Scan# 3397

Delta R.T. 0.01 min

Lab File: BN005926.D

Acq: 29 May 2019 12:43

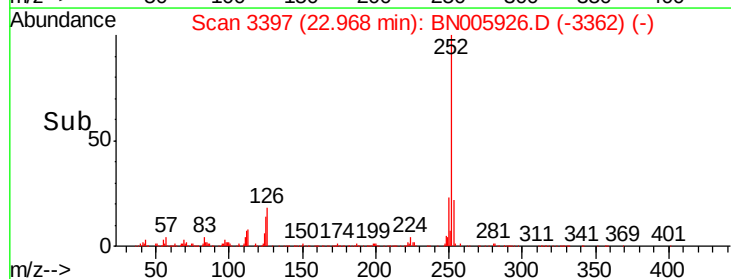
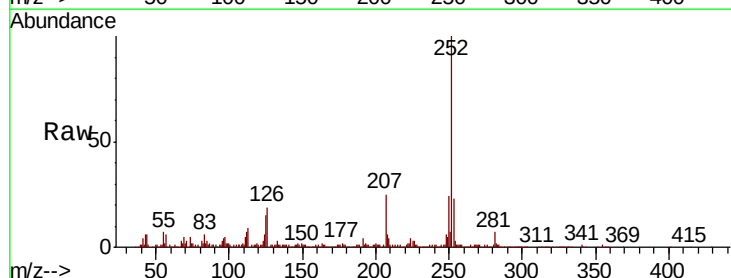
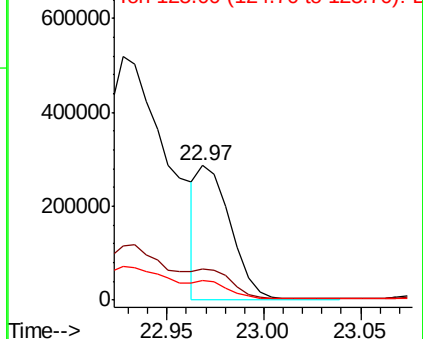
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	14.6	7.5	11.3

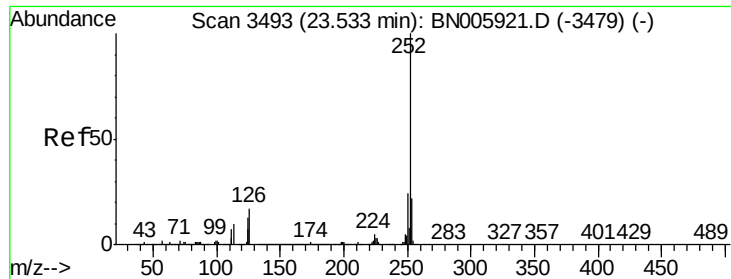
Abundance

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





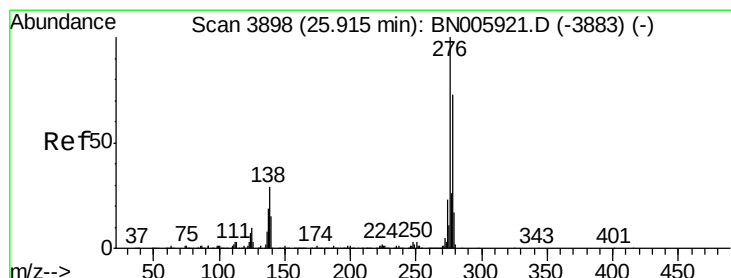
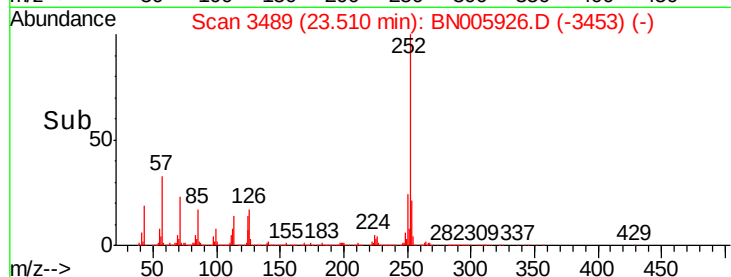
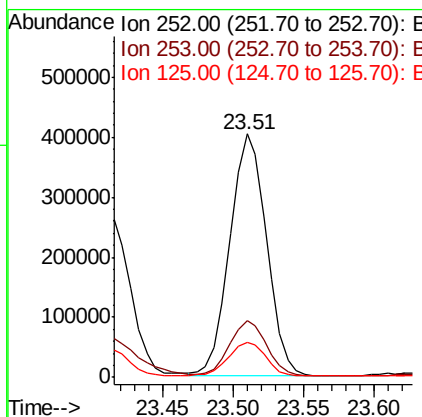
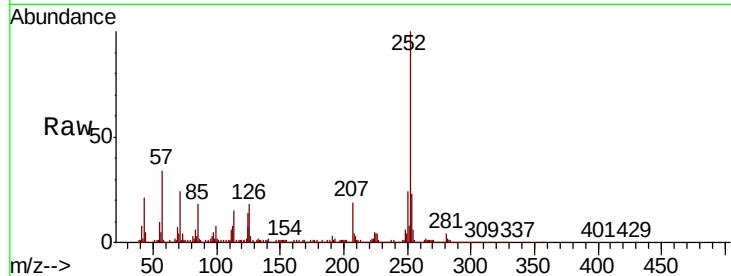
#90
Benzo(a)pyrene
Concen: 5.313 ng/ul
RT: 23.51 min Scan# 3489
Delta R.T. 0.01 min
Lab File: BN005926.D
Acq: 29 May 2019 12:43

Instrument :
BNA_N
Client Sampled :
A42C2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	14.2	8.6	13.0

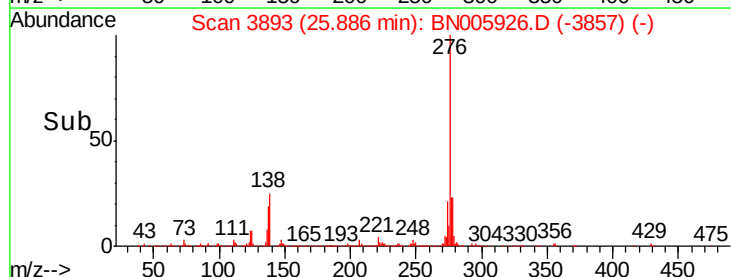
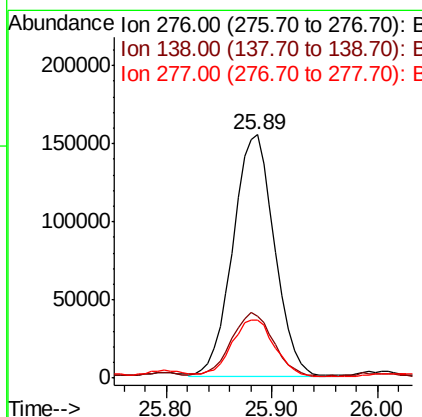
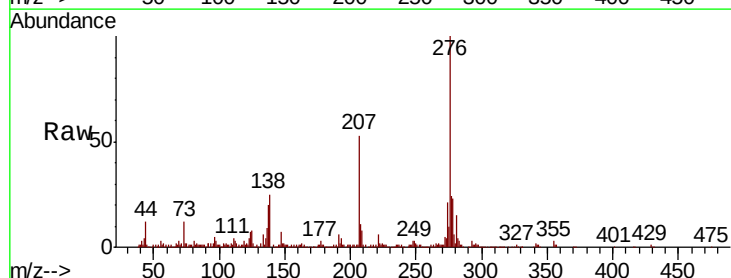
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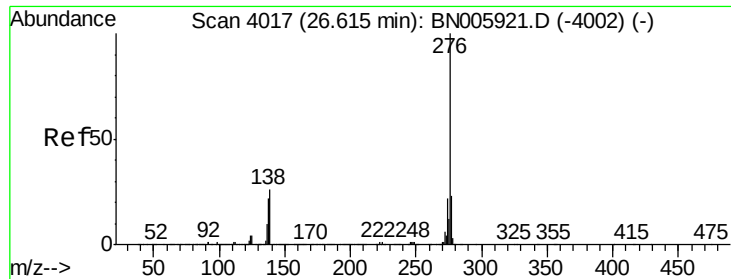
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#91
Indeno(1,2,3-cd)pyrene
Concen: 2.602 ng/ul
RT: 25.89 min Scan# 3893
Delta R.T. 0.01 min
Lab File: BN005926.D
Acq: 29 May 2019 12:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	17.9	26.9
277	23.7	19.7	29.5





#93
 Benzo(a,h,i)perylene
 Concen: 2.132 ng/ul
 RT: 26.58 min Scan# 4011
 Delta R.T. 0.01 min
 Lab File: BN005926.D
 Acq: 29 May 2019 12:43

Instrument :
 BNA_N
 ClientSampleId :
 A42C2

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.0	16.7	25.1#
277	23.4	18.2	27.2

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