

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005925.D
 Acq On : 29 May 2019 12:09
 Operator : JU/SJ
 Sample : K2928-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42D0

Manual Integrations
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Quant Time: May 29 13:42:46 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	497388	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	2282507	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	1322113	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	2878906	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	2630508	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	2594513	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	31539	2.79	ng/uL	0.00
5) Phenol-d5	6.89	99	638968	14.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	424439	16.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	512772	15.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	368780	10.36	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	258533	17.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	259953	19.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	516758	16.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	440874	10.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	1862847	19.11	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	2137087	17.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	207299	11.69	ng/ul	0.00
57) Fluorene-d10	15.36	176	1535719	18.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	154794	13.19	ng/ul	0.00
70) Anthracene-d10	17.22	188	2197687	17.94	ng/ul	0.00
78) Pyrene-d10	19.52	212	2486003	18.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	2109405	18.22	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.82	163	762536	7.828	ng/ul	99
47) Acenaphthylene	14.09	152	131074	1.096	ng/ul	99
69) Phenanthrene	17.16	178	849949	5.959	ng/ul	99
71) Anthracene	17.25	178	151184	1.044	ng/ul	98
76) Fluoranthene	19.19	202	1868591	12.271	ng/ul#	94
79) Pyrene	19.55	202	1657135	9.945	ng/ul#	94
82) Benzo(a)anthracene	21.32	228	896319	5.420	ng/ul	94
84) Chrysene	21.37	228	972269	6.304	ng/ul	97
87) Benzo(b)fluoranthene	22.92	252	1239718	8.507	ng/ul#	94
88) Benzo(k)fluoranthene	22.96	252	351199m	2.621	ng/ul	
90) Benzo(a)pyrene	23.50	252	744549	5.418	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.87	276	428473	2.657	ng/ul#	94
93) Benzo(g,h,i)perylene	26.56	276	315753	2.325	ng/ul#	94

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

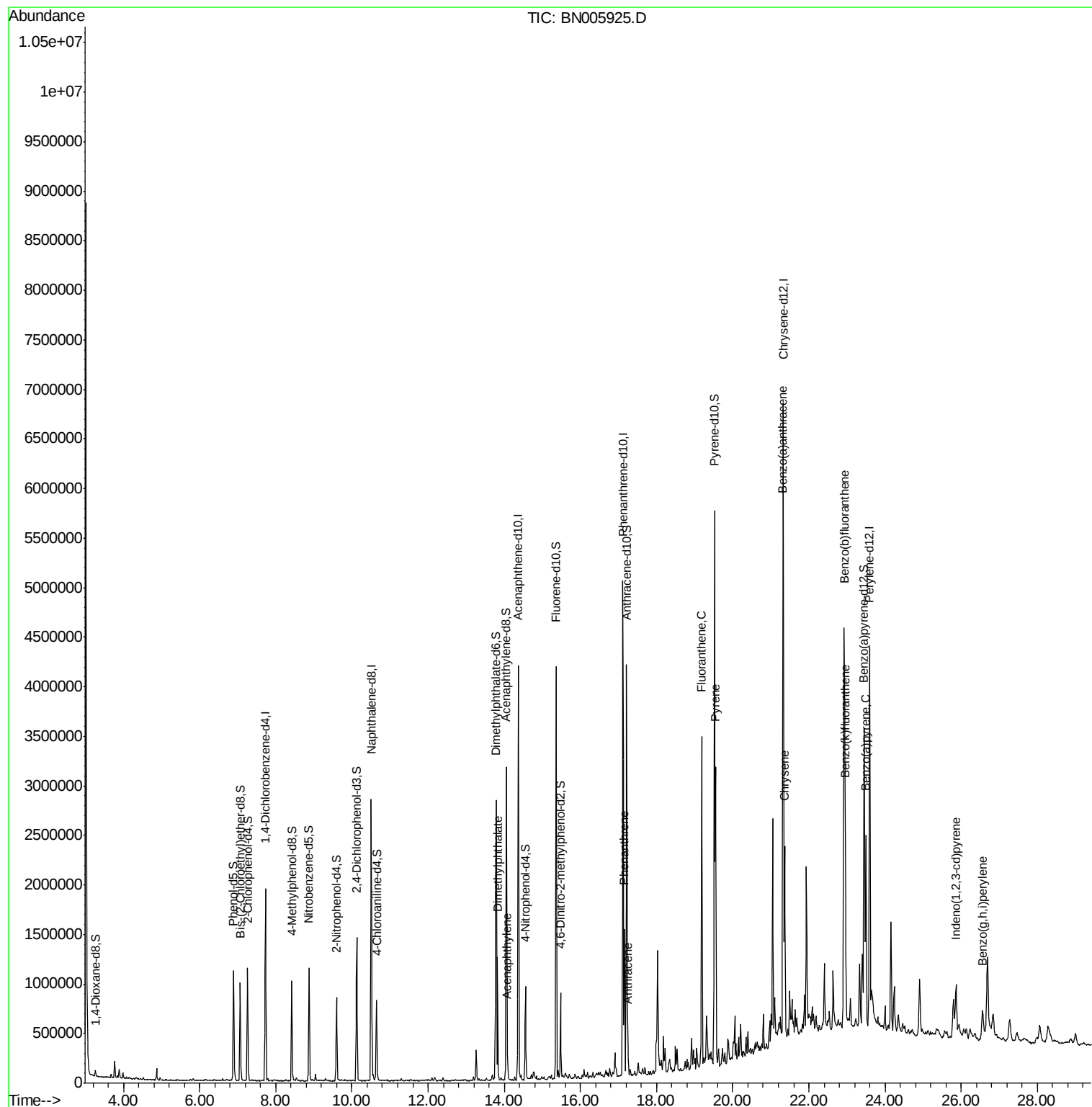
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\
Data File : BN005925.D
Acq On : 29 May 2019 12:09
Operator : JU/SJ
Sample : K2928-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

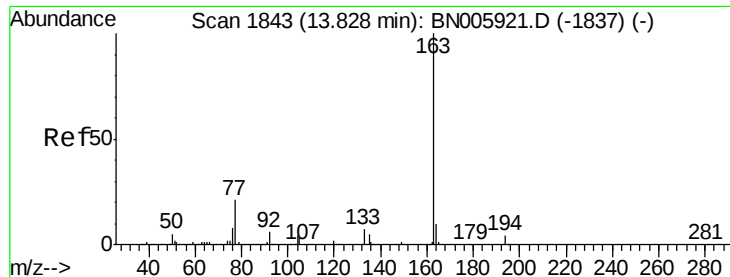
Instrument :
BNA_N
ClientSampleId :
A42D0

Quant Time: May 29 13:42:46 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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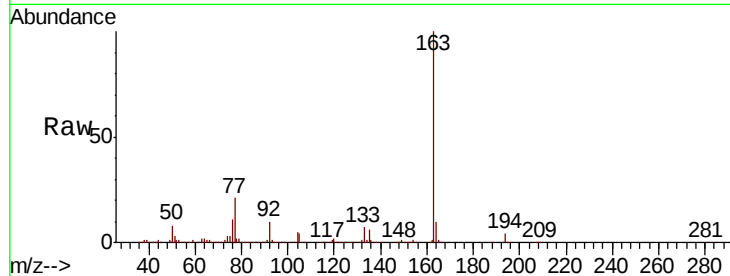
#44
Dimethylphthalate
Concen: 7.828 ng/ul
RT: 13.82 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BN005925.D
Acq: 29 May 2019 12:09

Instrument :
BNA_N
ClientSampleId :
A42D0

Tot Ion	Ratio	Resp	Lower	Upper
163	100	762536		
194	4.0		3.4	5.0
164	10.5		8.1	12.1

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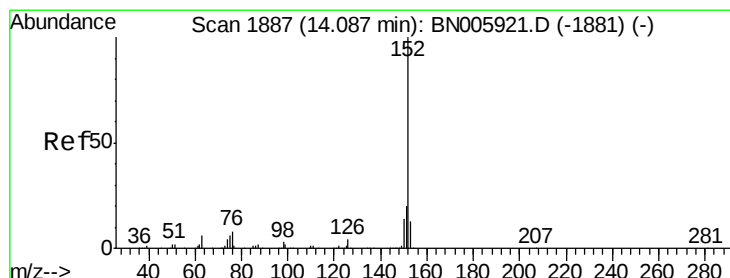
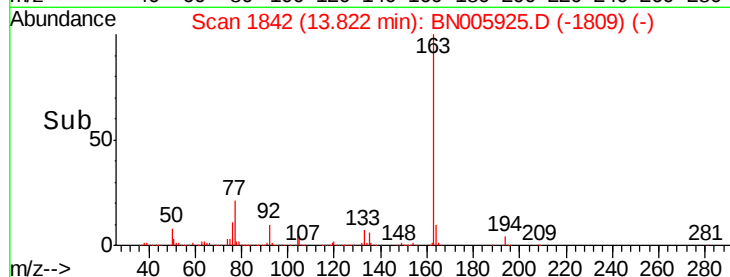
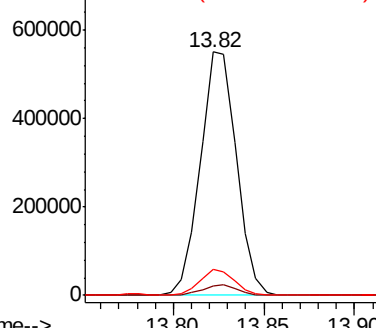


Abundance

Ion 163.00 (162.70 to 163.70): E

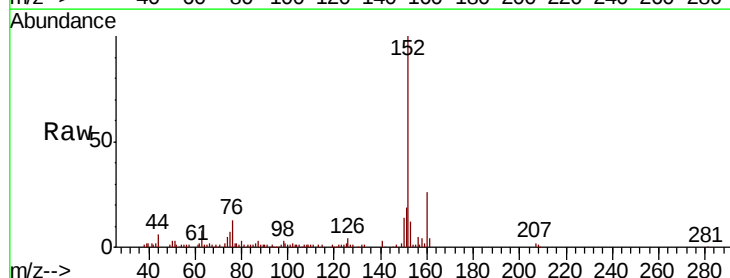
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#47
Acenaphthylene
Concen: 1.096 ng/ul
RT: 14.09 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BN005925.D
Acq: 29 May 2019 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	131074		
151	19.4		15.8	23.8
153	12.3		9.8	14.8

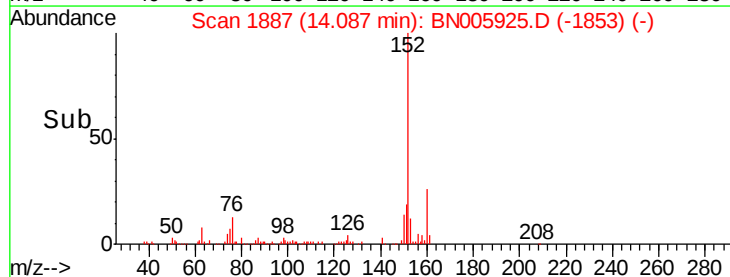
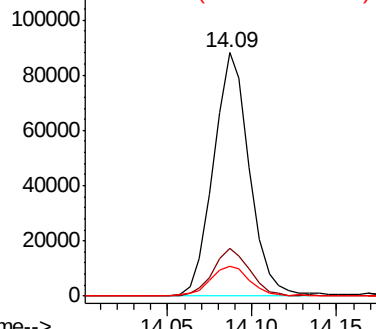


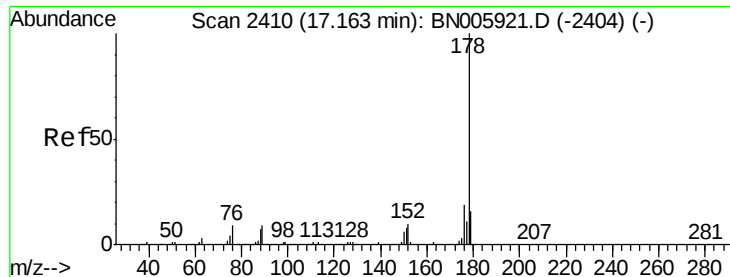
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 5.959 ng/ul

RT: 17.16 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BN005925.D

Acq: 29 May 2019 12:09

Instrument :

BNA_N

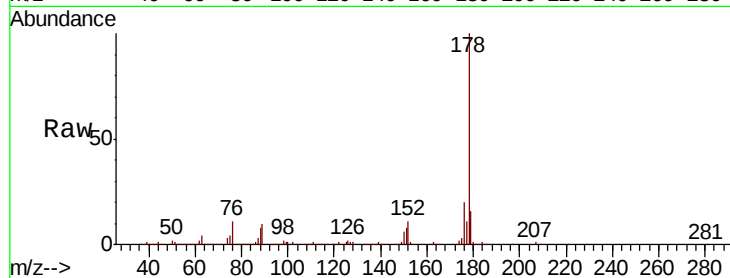
ClientSampleId :

A42D0

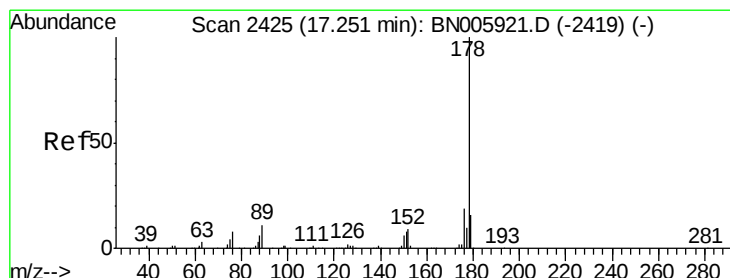
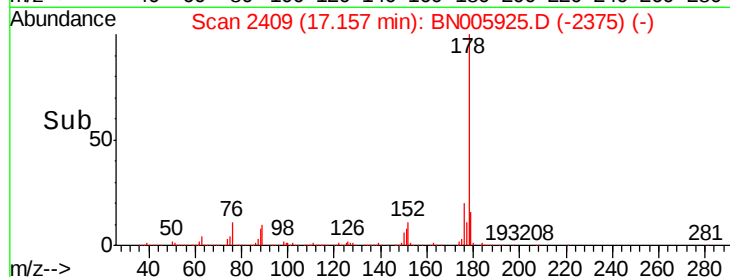
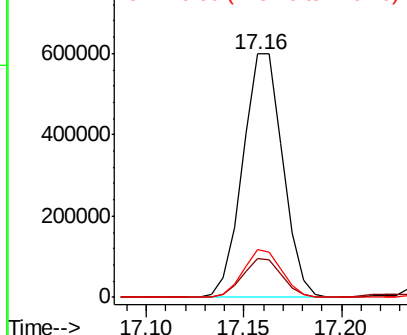
Tot Ion:	178	Resp:	849949
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.2	18.4
176	19.6	15.1	22.7

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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: 1.044 ng/ul

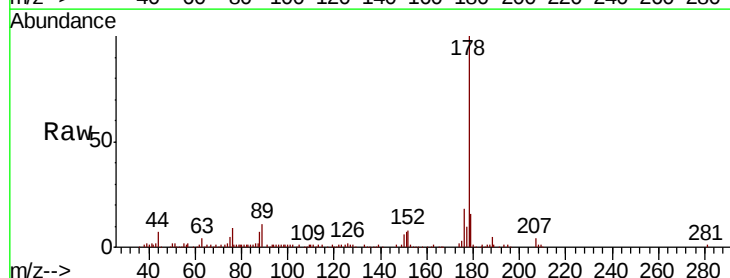
RT: 17.25 min Scan# 2425

Delta R.T. -0.00 min

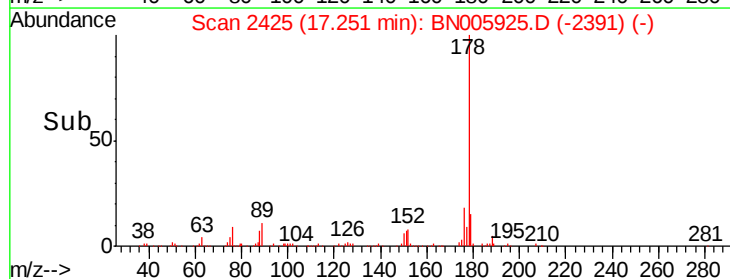
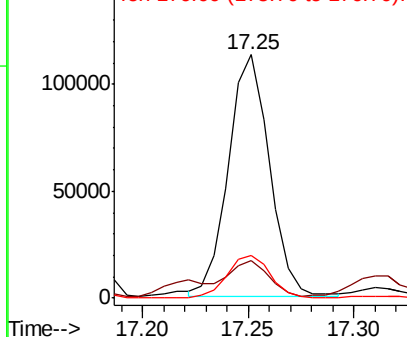
Lab File: BN005925.D

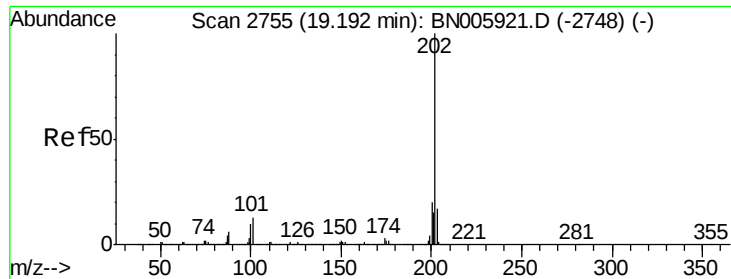
Acq: 29 May 2019 12:09

Tgt Ion:	178	Resp:	151184
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.3	18.5
176	17.8	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





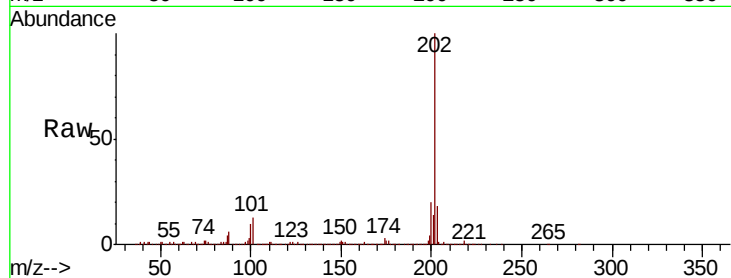
#76
Fluoranthene
Concen: 12.271 ng/ul
RT: 19.19 min Scan# 2754
Delta R.T. -0.00 min
Lab File: BN005925.D
Acq: 29 May 2019 12:09

Instrument :
BNA_N
ClientSampleId :
A42D0

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1868591		
101	12.9		8.6	12.8#
100	10.1		6.3	9.5#

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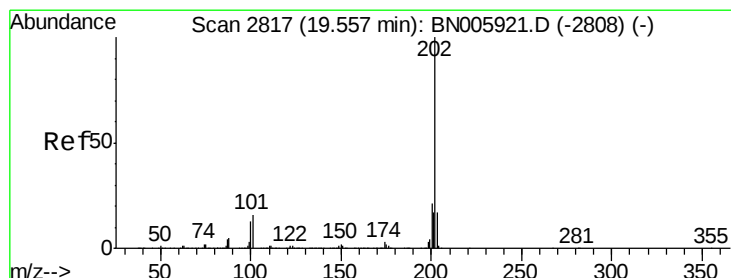
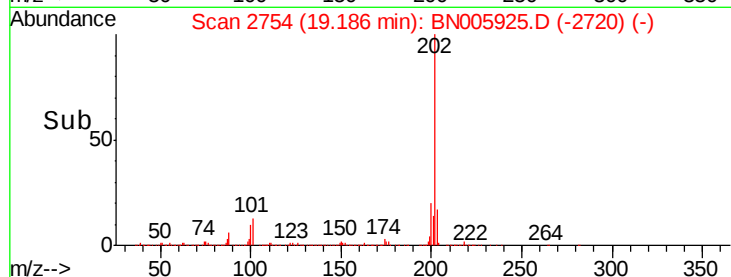
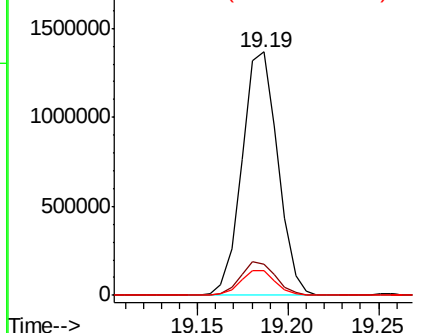


Abundance

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: 9.945 ng/ul
RT: 19.55 min Scan# 2816
Delta R.T. -0.00 min
Lab File: BN005925.D
Acq: 29 May 2019 12:09

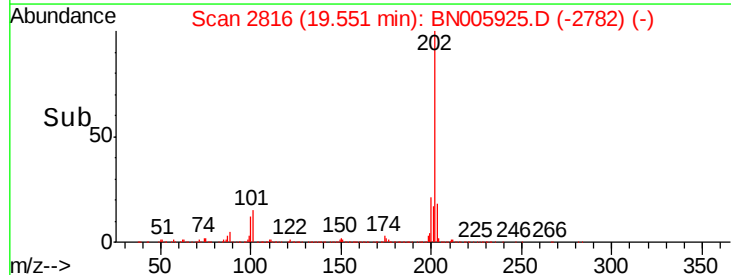
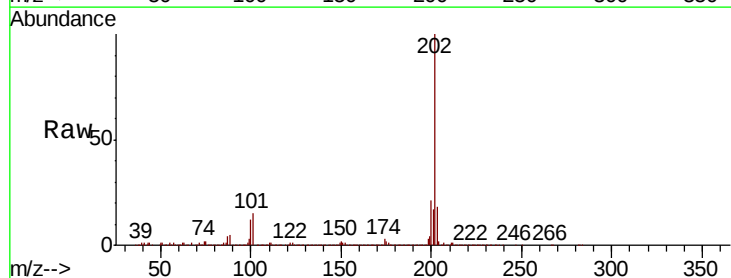
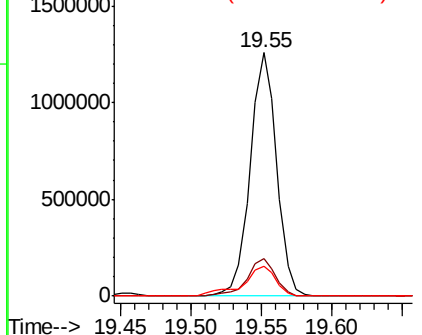
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1657135		
101	15.3		10.3	15.5
100	12.1		7.9	11.9#

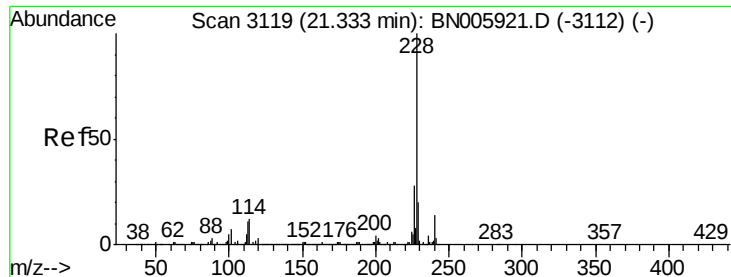
Abundance

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





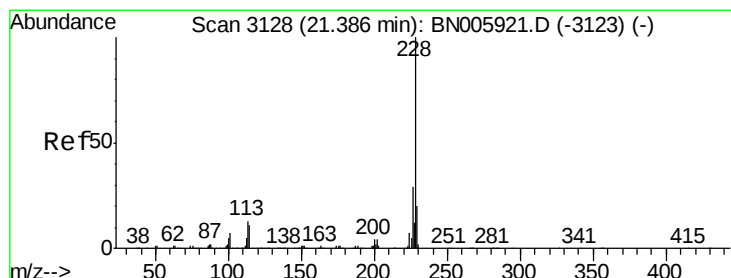
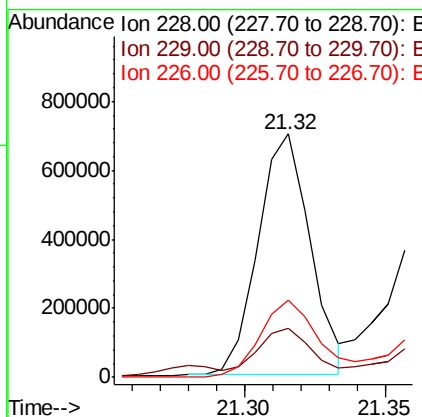
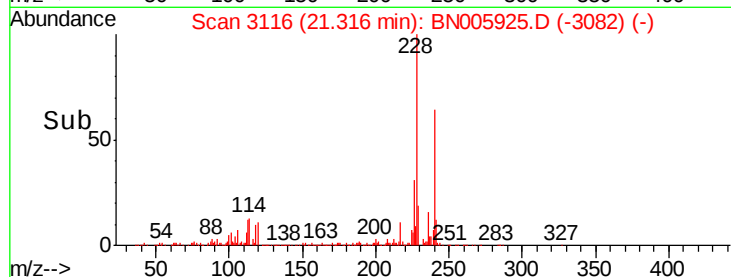
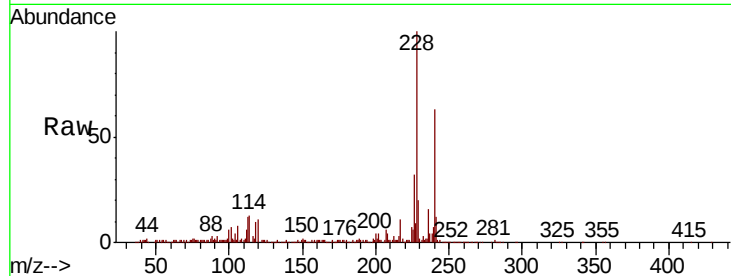
#82
Benzo(a)anthracene
Concen: 5.420 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BN005925.D
Acq: 29 May 2019 12:09

Instrument :
BNA_N
ClientSampleId :
A42D0

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.6
226	31.7	21.4	32.2

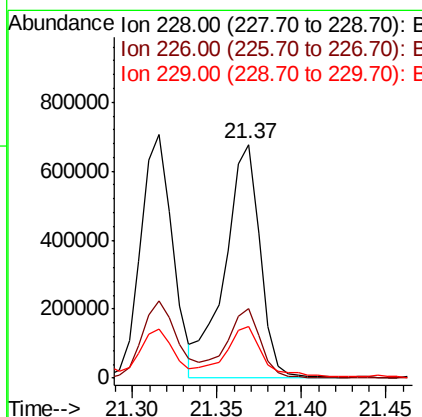
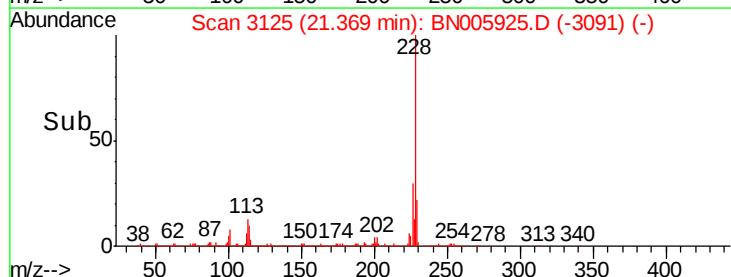
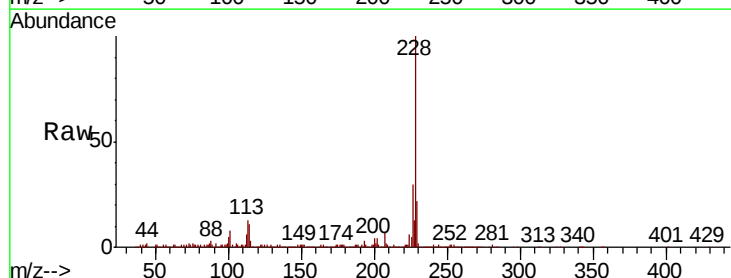
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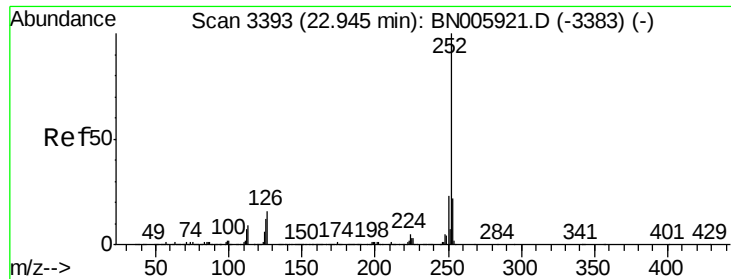
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#84
Chrysene
Concen: 6.304 ng/ul
RT: 21.37 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BN005925.D
Acq: 29 May 2019 12:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	22.0	15.4	23.0





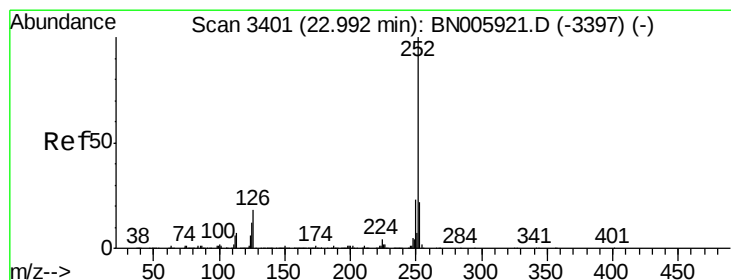
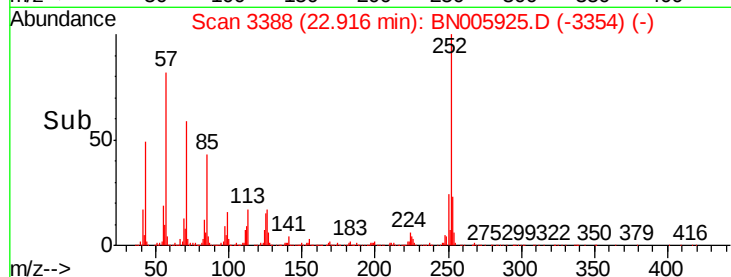
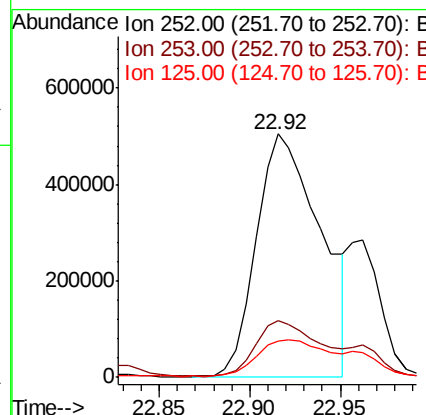
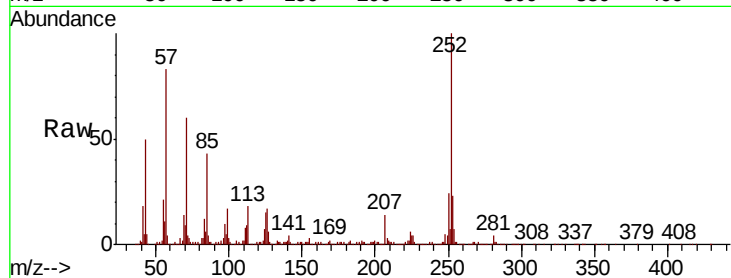
#87
Benzo(b)fluoranthene
Concen: 8.507 ng/ul
RT: 22.92 min Scan# 3388
Delta R.T. -0.00 min
Lab File: BN005925.D
Acq: 29 May 2019 12:09

Instrument :
BNA_N
ClientSampleId :
A42D0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	15.1	8.4	12.6

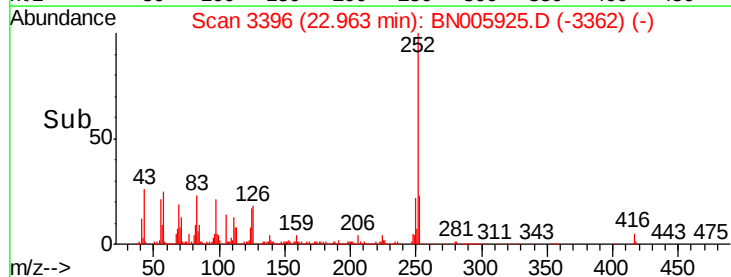
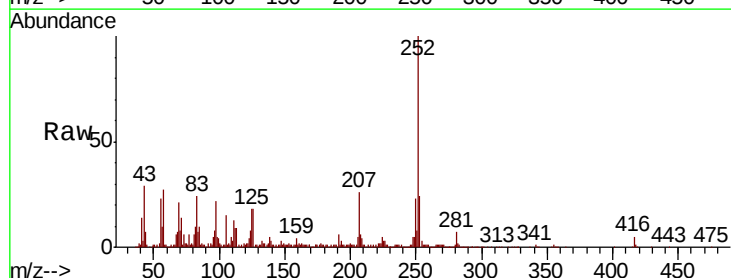
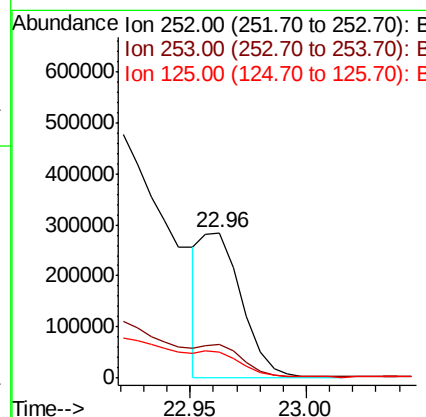
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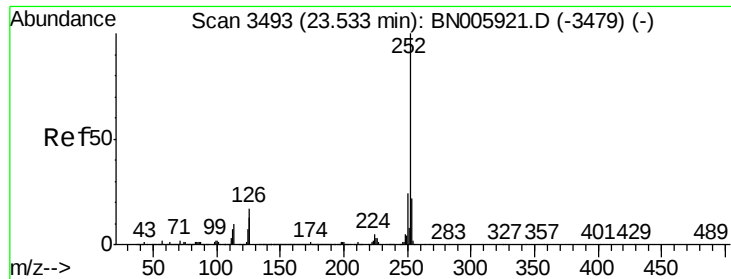
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#88
Benzo(k)fluoranthene
Concen: 2.621 ng/ul m
RT: 22.96 min Scan# 3396
Delta R.T. -0.00 min
Lab File: BN005925.D
Acq: 29 May 2019 12:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	18.0	7.5	11.3





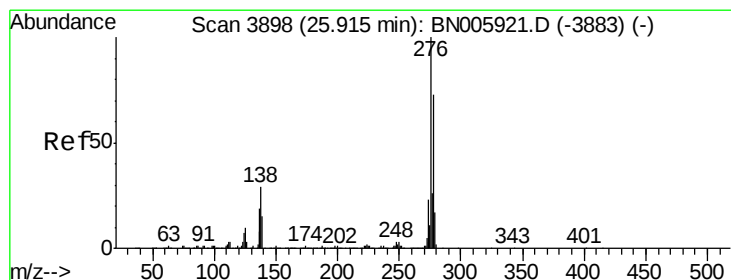
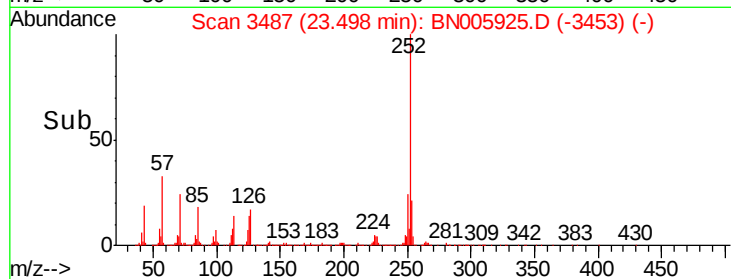
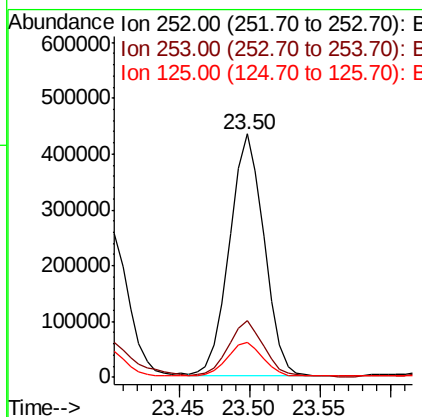
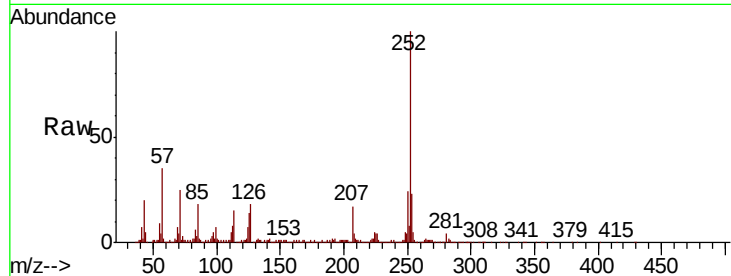
#90
Benzo(a)pyrene
Concen: 5.418 ng/ul
RT: 23.50 min Scan# 3487
Delta R.T. -0.00 min
Lab File: BN005925.D
Acq: 29 May 2019 12:09

Instrument :
BNA_N
ClientSampleId :
A42D0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	14.3	8.6	13.0

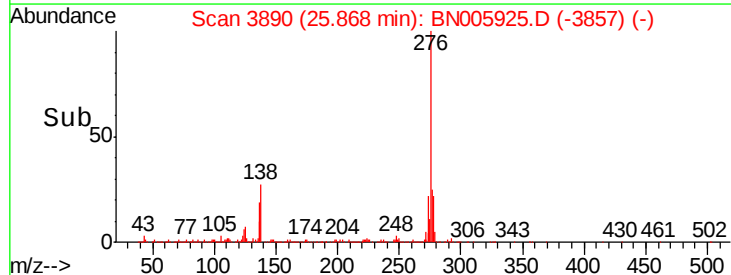
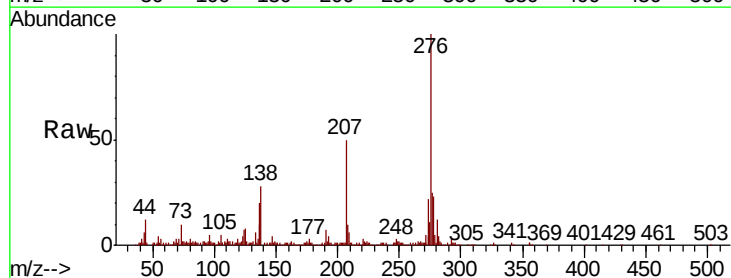
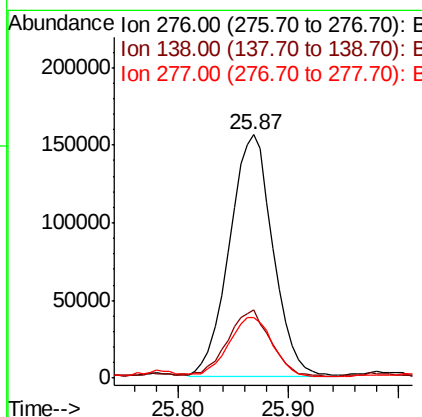
Manual Integrations
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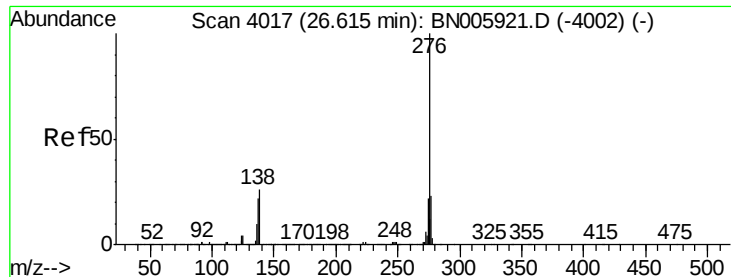
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#91
Indeno(1,2,3-cd)pyrene
Concen: 2.657 ng/ul
RT: 25.87 min Scan# 3890
Delta R.T. -0.01 min
Lab File: BN005925.D
Acq: 29 May 2019 12:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.1	17.9	26.9
277	25.0	19.7	29.5





#93

Benzo(a,h,i)perylene

Concen: 2.325 ng/ul

RT: 26.56 min Scan# 4008

Delta R.T. -0.01 min

Lab File: BN005925.D

Acq: 29 May 2019 12:09

Instrument :

BNA_N

ClientSampleId :

A42D0

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.8	16.7	25.1#
277	23.2	18.2	27.2

Manual Integrations
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