

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
 Data File : BN007466.D
 Acq On : 28 Aug 2019 13:50
 Operator : HP/JU
 Sample : K4373-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AG6

Manual Integrations
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mohammad
 8/29/2019 7:50:16 AM

Quant Time: Aug 28 14:57:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 20:30:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4509	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	19629	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	10335	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	23661m	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	19298m	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	16877m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	10049	0.33	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	25475m	0.33	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.20	128	4364	0.079	ng/ul#	92
8) Acenaphthene	14.11	153	1221	0.030	ng/ul	97
12) Phenanthrene	16.84	178	5667	0.077	ng/ul	96
13) Anthracene	16.93	178	1516m	0.022	ng/ul	
15) Fluoranthene	18.87	202	15961m	0.162	ng/ul	
17) Pyrene	19.24	202	15313	0.162	ng/ul#	95
18) Benzo(a)anthracene	21.01	228	4037	0.047	ng/ul#	93
19) Chrysene	21.05	228	4480	0.048	ng/ul#	91
21) Benzo(b)fluoranthene	22.51	252	5782m	0.078	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	2319m	0.030	ng/ul	
23) Benzo(a)pyrene	23.04	252	3511m	0.048	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.19	276	2517m	0.031	ng/ul	
26) Benzo(g,h,i)perylene	25.81	276	2459m	0.035	ng/ul	

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

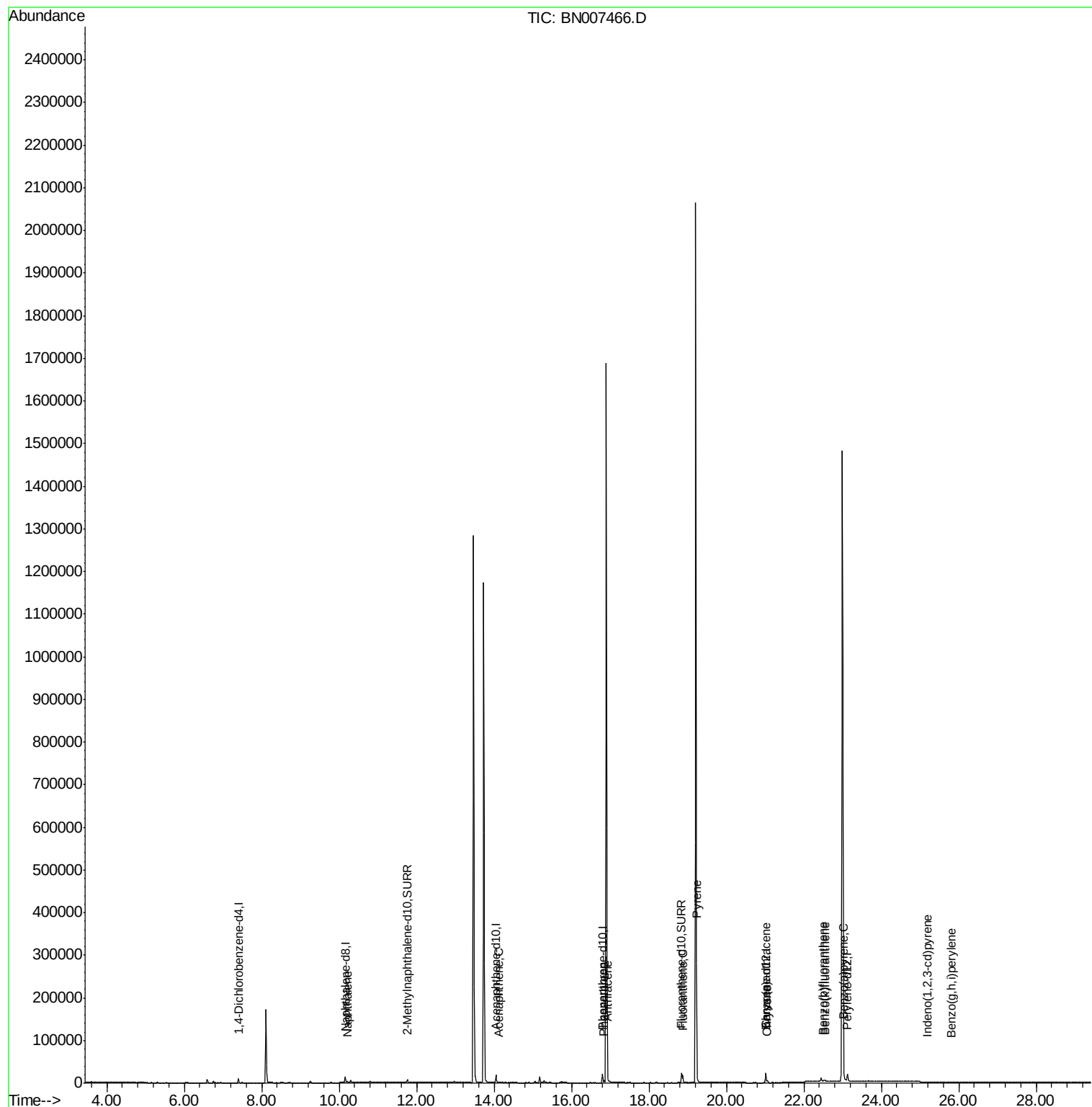
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007466.D
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Misc :
ALS Vial : 39 Sample Multiplier: 1

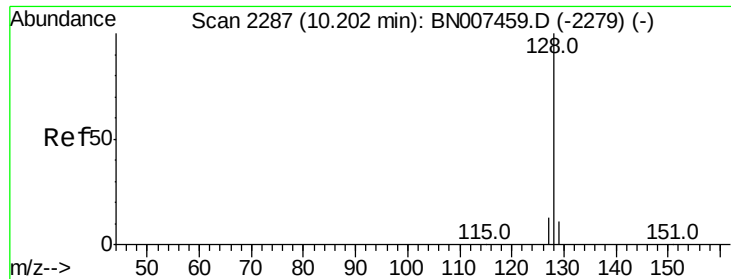
Instrument :
BNA_N
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C0AG6

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
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QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.079 ng/ul

RT: 10.20 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BN007466.D

Acq: 28 Aug 2019 13:50

Instrument :

BNA_N

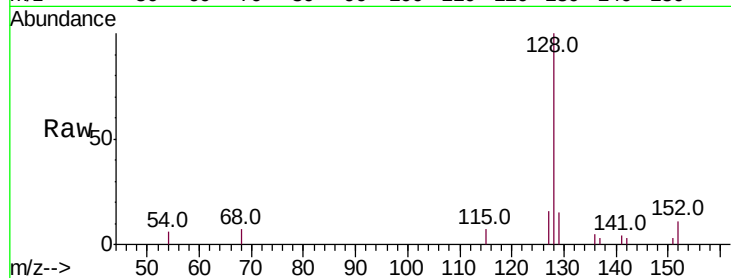
ClientSampleId :

C0AG6

Tot Ion:	128	Resp:	4364
Ion	Ratio	Lower	Upper
128	100		
129	15.5	9.2	13.8#
127	15.6	10.4	15.6#

Manual Integrations
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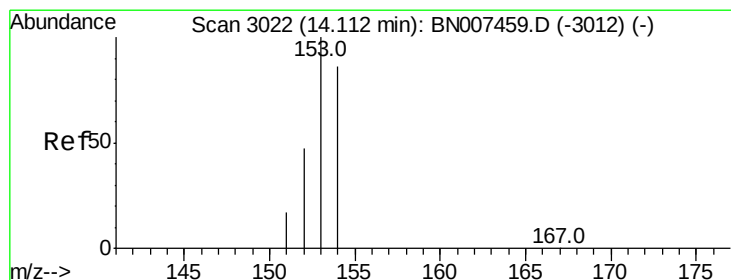
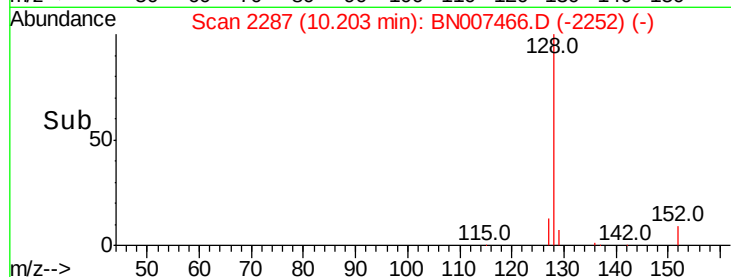
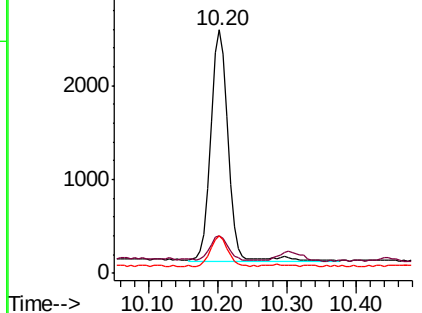
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#8

Acenaphthene

Concen: 0.030 ng/ul

RT: 14.11 min Scan# 3022

Delta R.T. 0.00 min

Lab File: BN007466.D

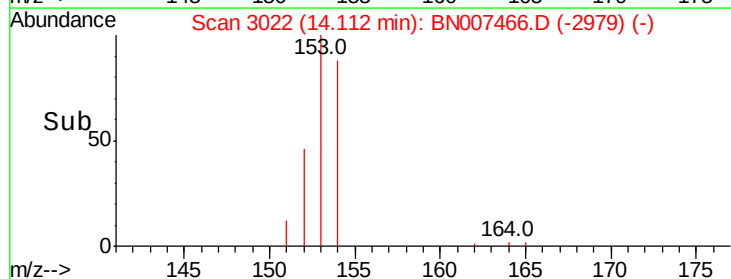
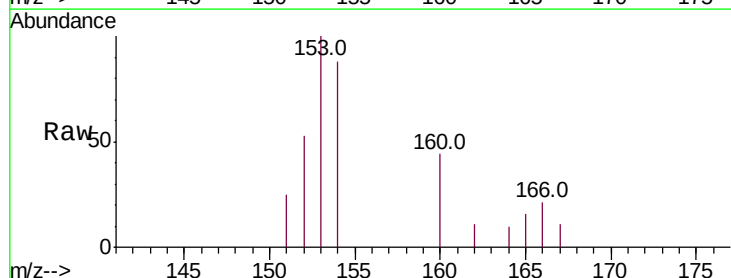
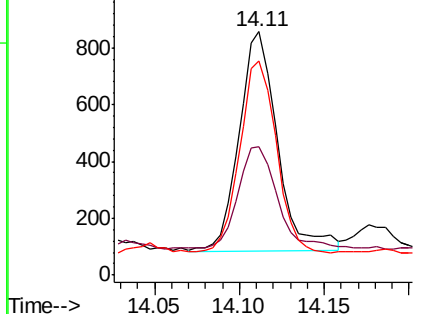
Acq: 28 Aug 2019 13:50

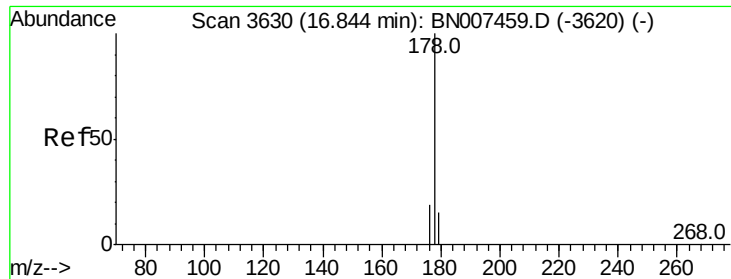
Tgt Ion:	153	Resp:	1221
Ion	Ratio	Lower	Upper
153	100		
152	52.5	39.1	58.7
154	88.2	69.4	104.2

Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





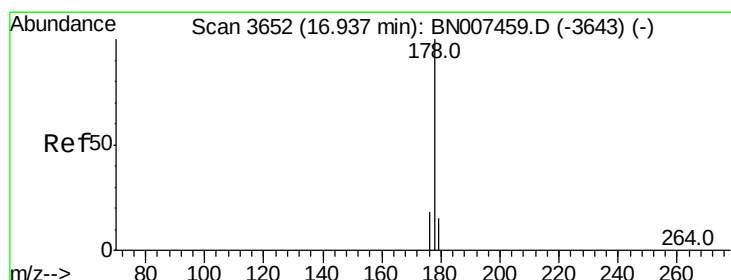
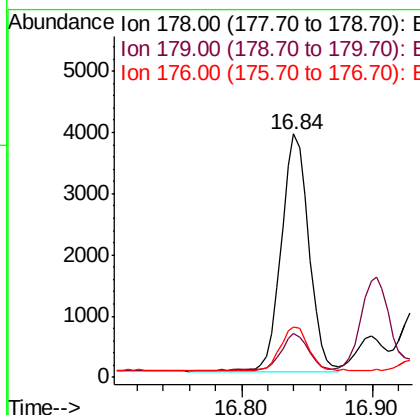
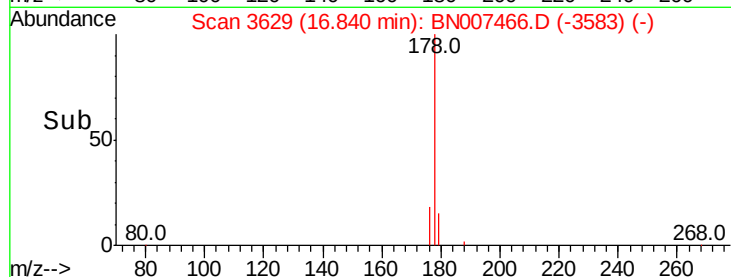
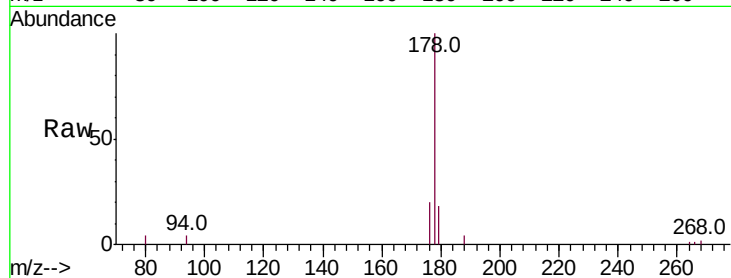
#12
Phenanthrene
Concen: 0.077 ng/ul
RT: 16.84 min Scan# 3629
Delta R.T. -0.00 min
Lab File: BN007466.D
Acq: 28 Aug 2019 13:50

Instrument :
BNA_N
ClientSampled :
C0AG6

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.8	19.2
176	20.4	15.2	22.8

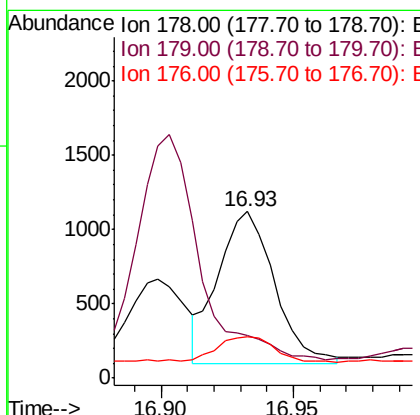
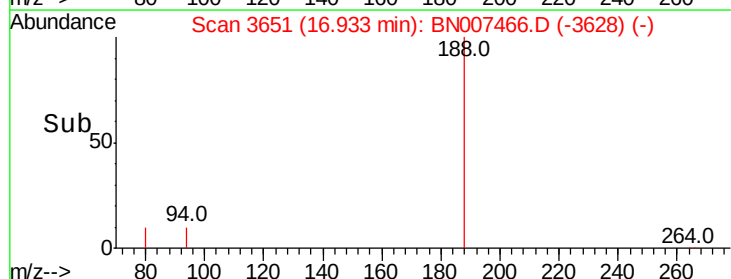
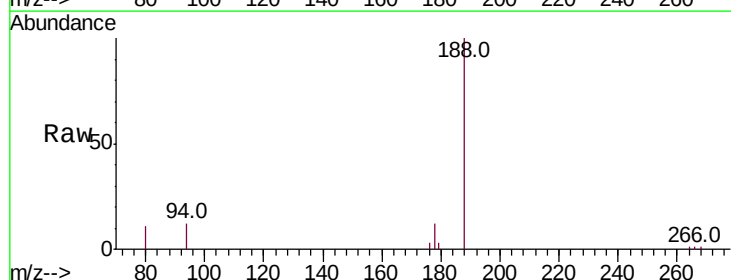
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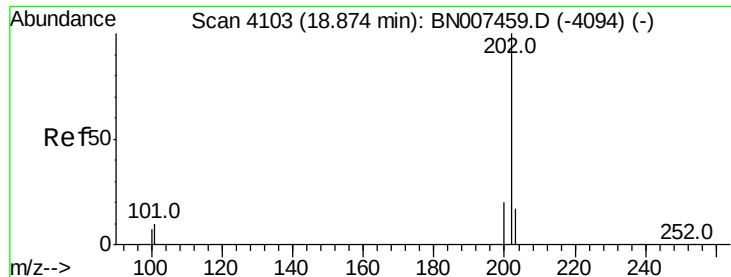
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#13
Anthracene
Concen: 0.022 ng/ul m
RT: 16.93 min Scan# 3651
Delta R.T. -0.00 min
Lab File: BN007466.D
Acq: 28 Aug 2019 13:50

Tgt Ion	Ratio	Lower	Upper
178	100		
179	26.0	12.8	19.2#
176	25.1	14.6	21.8#





#15

Fluoranthene

Concen: 0.162 ng/ul m

RT: 18.87 min Scan# 4102

Delta R.T. -0.00 min

Lab File: BN007466.D

Acq: 28 Aug 2019 13:50

Instrument :

BNA_N

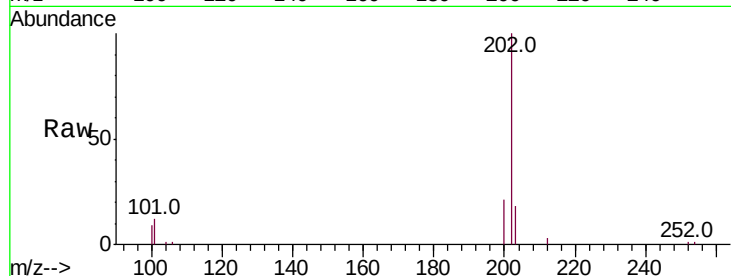
ClientSampleId :

C0AG6

Tot Ion:	202	Resp:	15961
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	31.3
100	9.4	0.0	28.5

Manual Integrations
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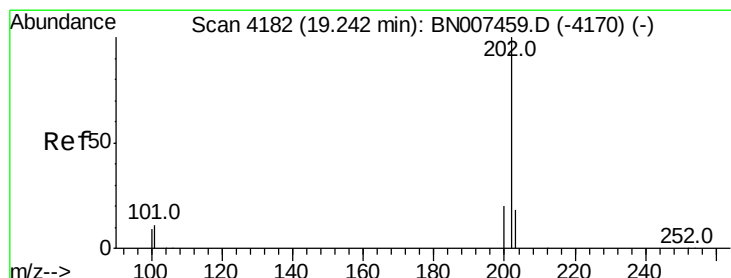
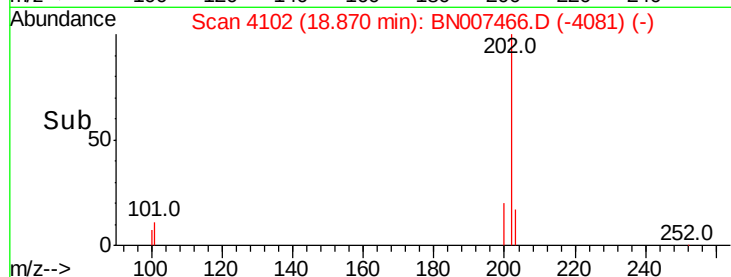
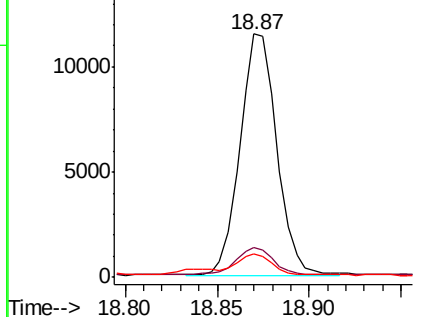
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.162 ng/ul

RT: 19.24 min Scan# 4181

Delta R.T. -0.00 min

Lab File: BN007466.D

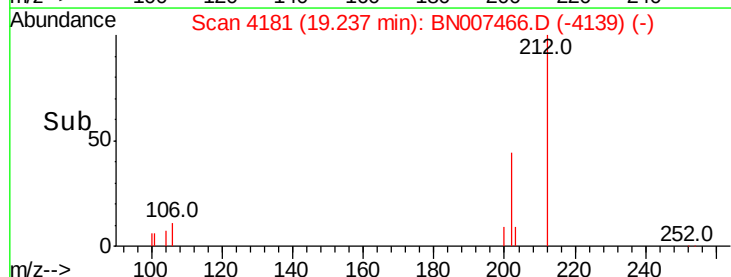
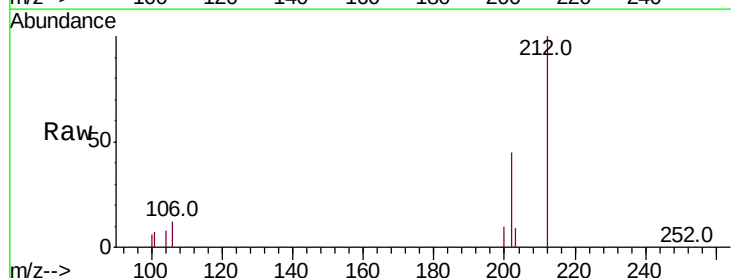
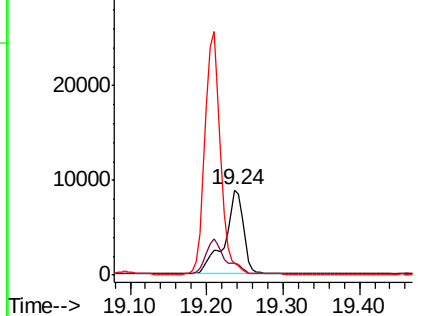
Acq: 28 Aug 2019 13:50

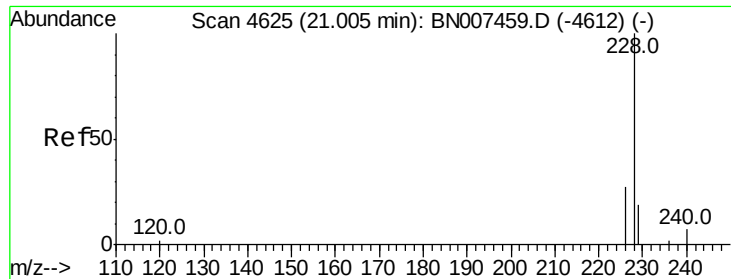
Tgt Ion:	202	Resp:	15313
Ion Ratio	Lower	Upper	
202	100		
101	14.6	10.7	16.1
100	13.3	8.6	12.8#

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





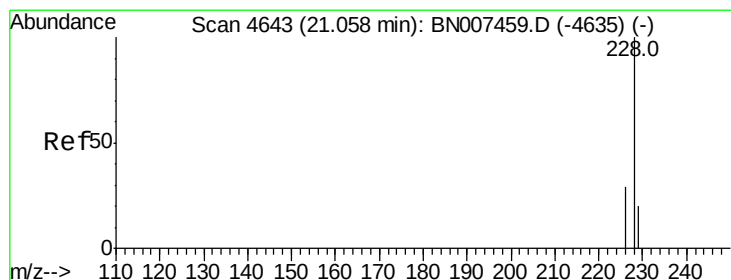
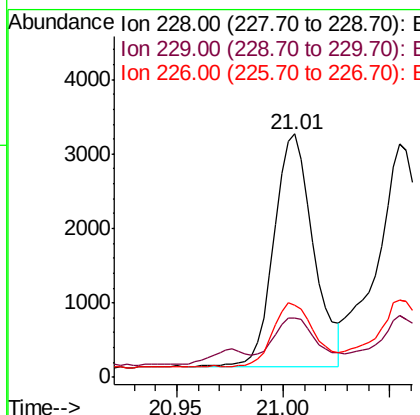
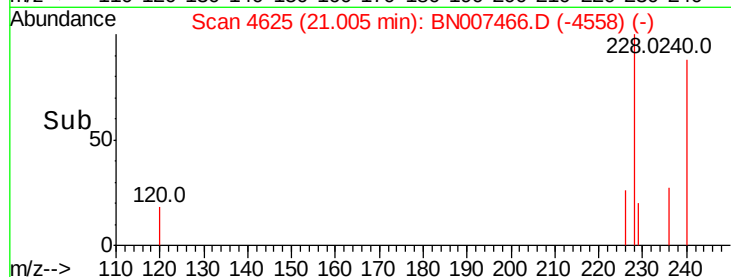
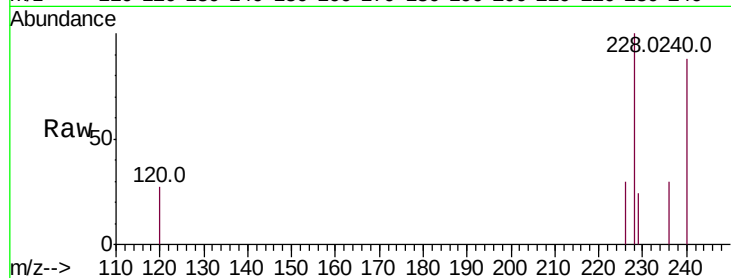
#18
Benzo(a)anthracene
Concen: 0.047 ng/ul
RT: 21.01 min Scan# 4625
Delta R.T. -0.00 min
Lab File: BN007466.D
Acq: 28 Aug 2019 13:50

Instrument :
BNA_N
ClientSampleId :
C0AG6

Tot Ion	Ratio	Lower	Upper
228	100		
229	24.2	15.4	23.2#
226	29.7	22.0	33.0

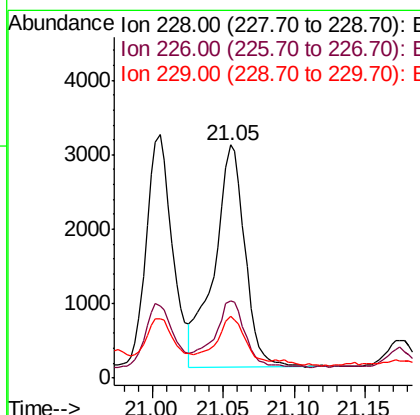
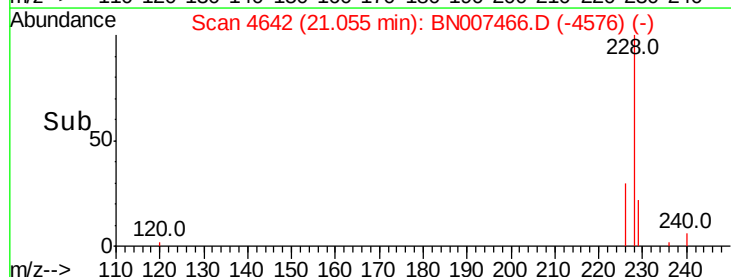
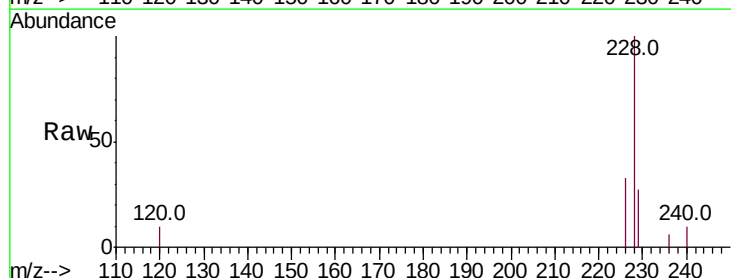
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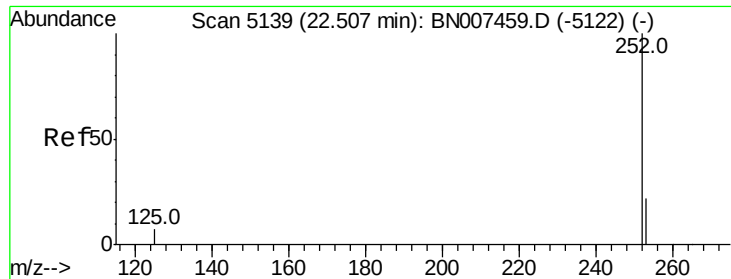
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#19
Chrysene
Concen: 0.048 ng/ul
RT: 21.05 min Scan# 4642
Delta R.T. -0.01 min
Lab File: BN007466.D
Acq: 28 Aug 2019 13:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.1	36.1
229	26.8	16.1	24.1#





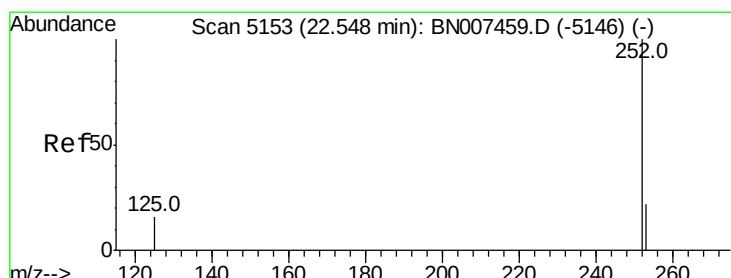
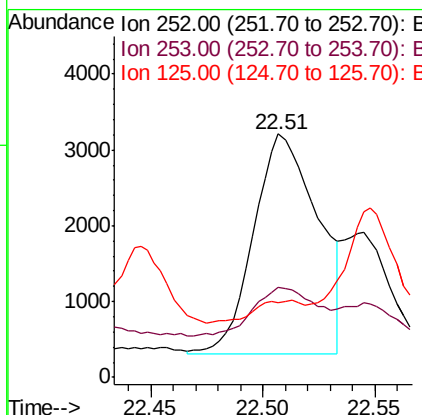
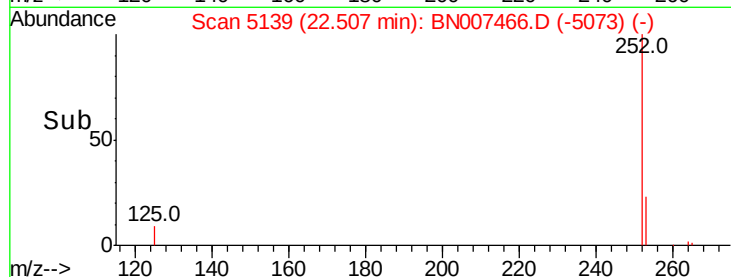
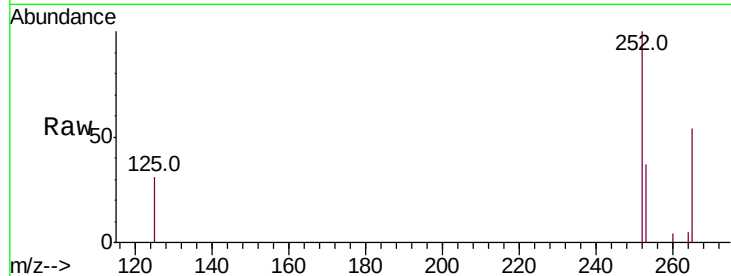
#21
Benzo(b)fluoranthene
Concen: 0.078 ng/ul m
RT: 22.51 min Scan# 5139
Delta R.T. -0.01 min
Lab File: BN007466.D
Acq: 28 Aug 2019 13:50

Instrument :
BNA_N
ClientSampleId :
C0AG6

Tot Ion	Ratio	Lower	Upper
252	100		
253	37.1	0.0	47.0
125	30.9	0.0	24.8

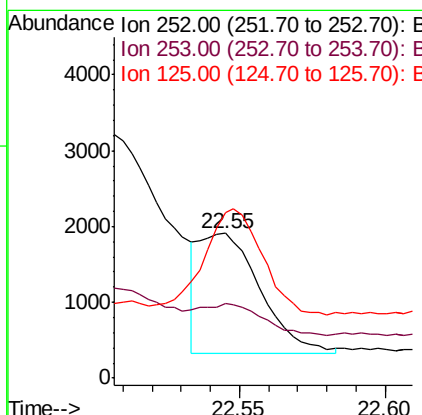
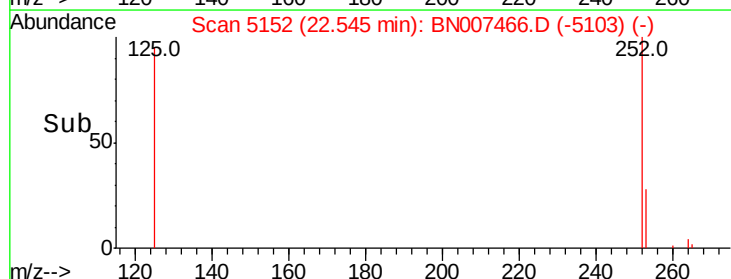
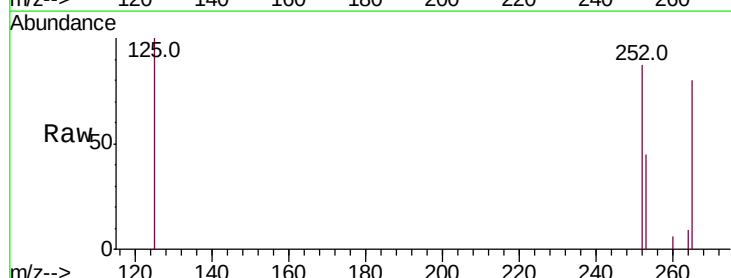
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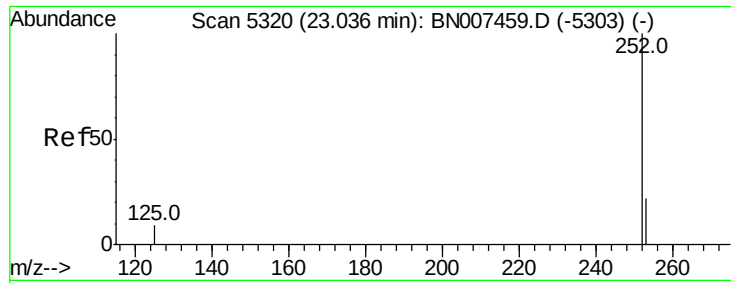
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#22
Benzo(k)fluoranthene
Concen: 0.030 ng/ul m
RT: 22.55 min Scan# 5152
Delta R.T. -0.01 min
Lab File: BN007466.D
Acq: 28 Aug 2019 13:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	51.4	18.7	28.1
125	114.6	12.4	18.6





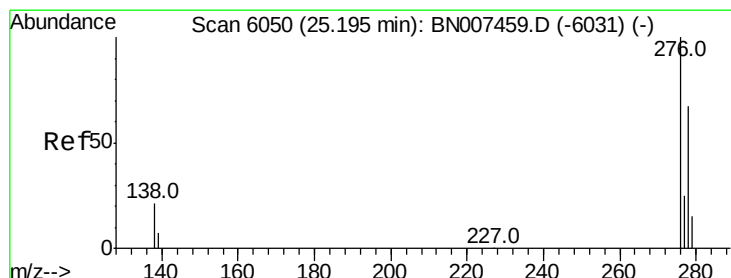
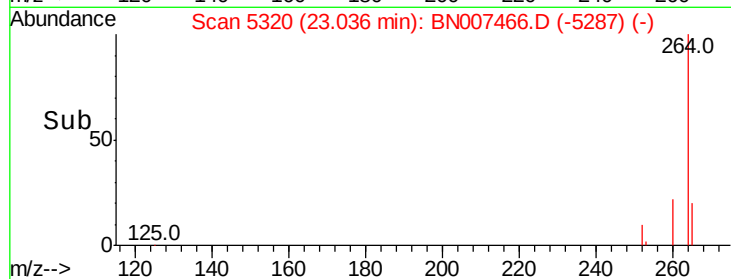
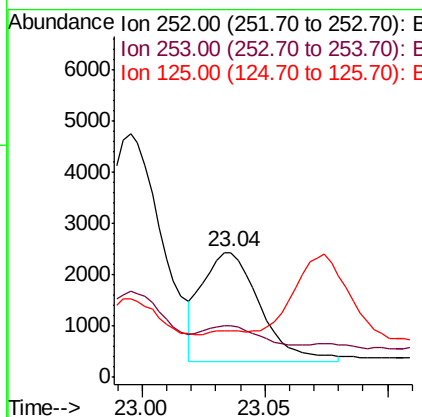
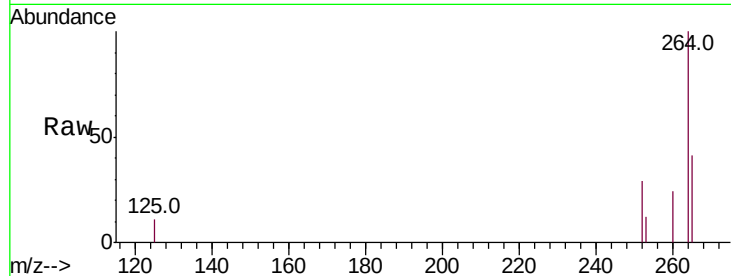
#23
Benzo(a)pyrene
Concen: 0.048 ng/ul m
RT: 23.04 min Scan# 5320
Delta R.T. -0.00 min
Lab File: BN007466.D
Acq: 28 Aug 2019 13:50

Instrument :
BNA_N
ClientSampleId :
C0AG6

Tot Ion	Ratio	Lower	Upper
252	100		
253	41.5	19.0	28.6#
125	37.3	11.2	16.8#

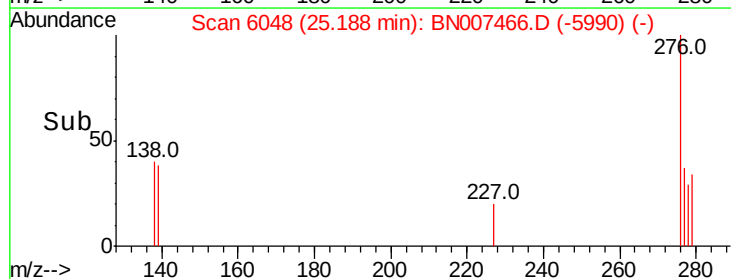
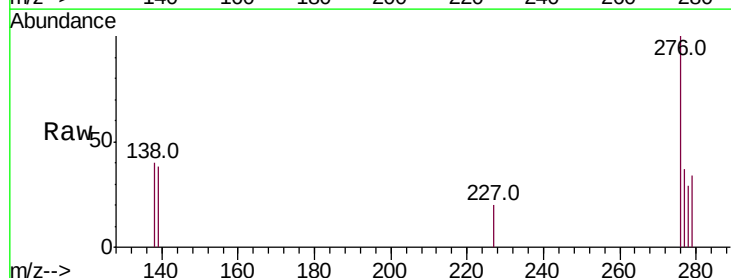
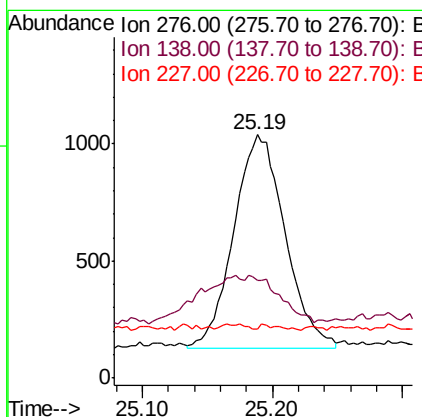
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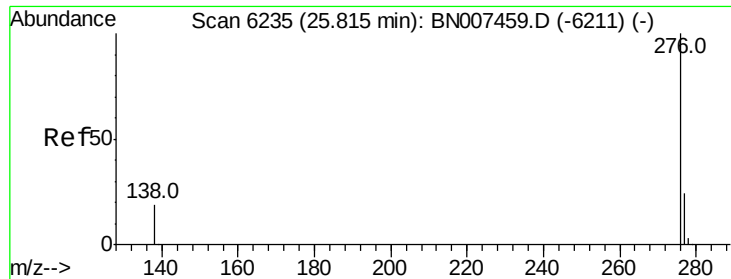
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng/ul m
RT: 25.19 min Scan# 6048
Delta R.T. -0.01 min
Lab File: BN007466.D
Acq: 28 Aug 2019 13:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.7	29.5#
227	0.0	0.1	0.1#





#26

Benzo(a,h,i)perylene

Concen: 0.035 ng/ul m

RT: 25.81 min Scan# 6234

Delta R.T. -0.01 min

Lab File: BN007466.D

Acq: 28 Aug 2019 13:50

Instrument :

BNA_N

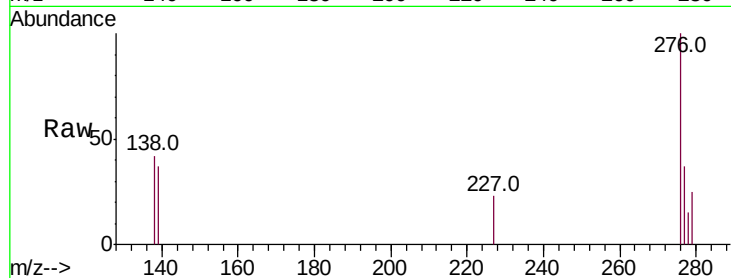
ClientSampleId :

C0AG6

Tot Ion:	276	Resp:	2459
Ion Ratio	Lower	Upper	
276	100		
138	41.9	17.1	25.7#
277	37.4	19.4	29.0#

Manual Integrations
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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

