

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051119\
 Data File : BN005624.D
 Acq On : 11 May 2019 13:42
 Operator : JU/SJ
 Sample : K2603-06MEDL 30X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ58MEDL

Manual Integrations
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mohammad
 5/13/2019 8:50:07 AM

Quant Time: May 12 01:32:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 11 23:17:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	214949	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	956116	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	596704	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1327617	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	997089	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	962442	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	534m	0.12	ng/uL	0.01
5) Phenol-d5	6.79	99	12311m	0.73	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.93	67	7198	0.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	8812	0.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	7470	0.57	ng/ul	0.02
19) Nitrobenzene-d5	8.75	128	4986m	0.85	ng/ul	0.03
22) 2-Nitrophenol-d4	9.46	143	4484m	0.75	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.03	165	10727m	0.78	ng/ul	0.06
29) 4-Chloroaniline-d4	10.56	131	6664m	0.47	ng/ul	0.07
43) Dimethylphthalate-d6	13.64	166	45930	1.06	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	53479	1.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	2350m	0.34	ng/ul	0.09
57) Fluorene-d10	15.22	176	45139	1.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.07	188	65575	1.18	ng/ul	0.00
78) Pyrene-d10	19.39	212	68413	1.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	46711	1.11	ng/ul	0.01

Target Compounds

						Qvalue
40) 1,1'-Biphenyl	13.05	154	51025	1.148	ng/ul#	96
47) Acenaphthylene	13.93	152	364968	6.981	ng/ul	98
58) Fluorene	15.27	166	320503	7.993	ng/ul	97
69) Phenanthrene	17.02	178	1902219	29.420	ng/ul	100
71) Anthracene	17.11	178	201873	3.065	ng/ul	98
76) Fluoranthene	19.05	202	703736	9.813	ng/ul#	94
79) Pyrene	19.42	202	965764	15.043	ng/ul#	94
82) Benzo(a)anthracene	21.20	228	272997m	4.401	ng/ul	
84) Chrysene	21.25	228	252414	4.385	ng/ul	99
87) Benzo(b)fluoranthene	22.77	252	163355	3.019	ng/ul	99
90) Benzo(a)pyrene	23.33	252	118047	2.321	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.62	276	69128	1.230	ng/ul#	92
93) Benzo(g,h,i)perylene	26.29	276	62977	1.355	ng/ul#	92

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

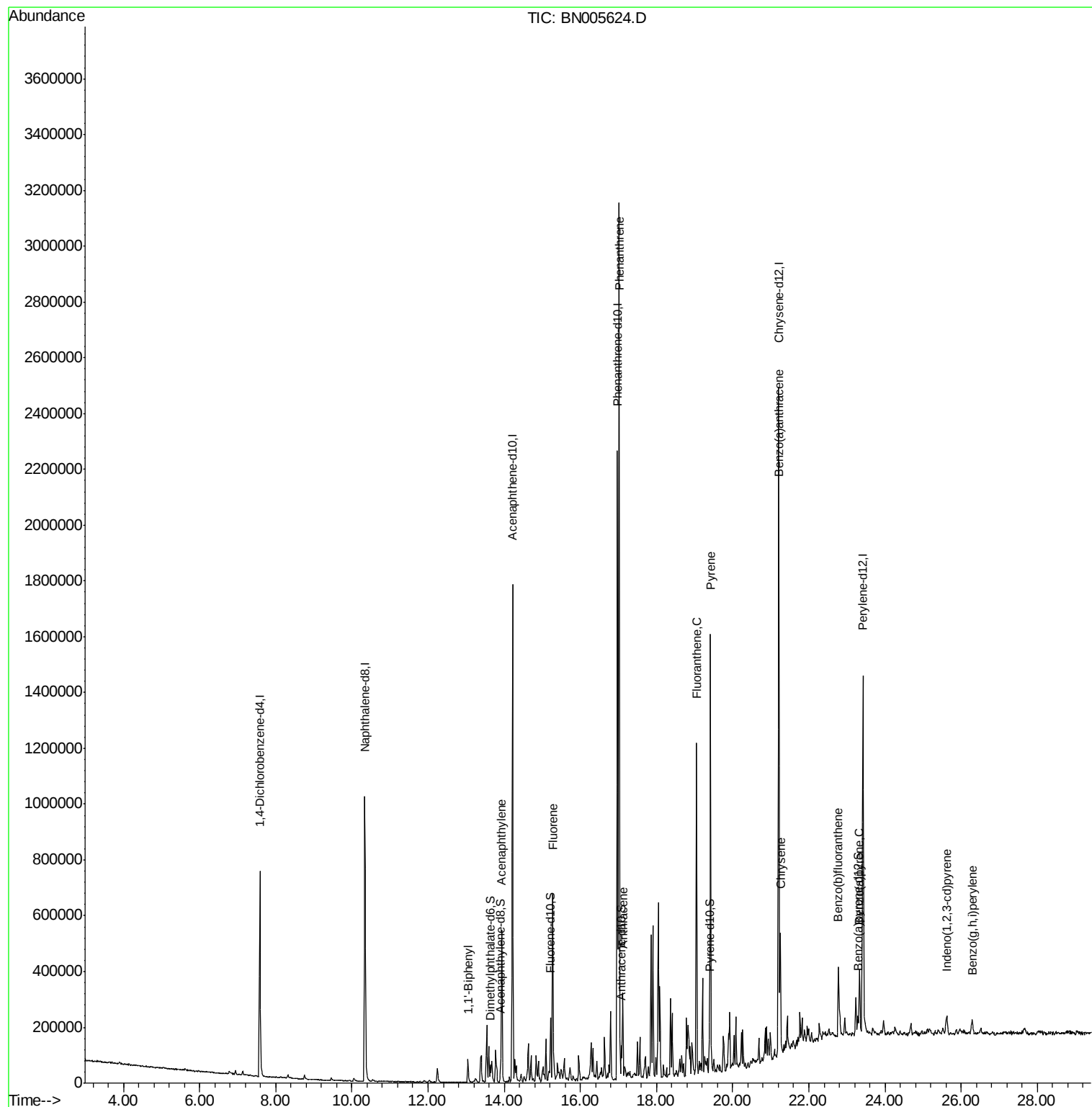
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051119\
Data File : BN005624.D
Acq On : 11 May 2019 13:42
Operator : JU/SJ
Sample : K2603-06MEDL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

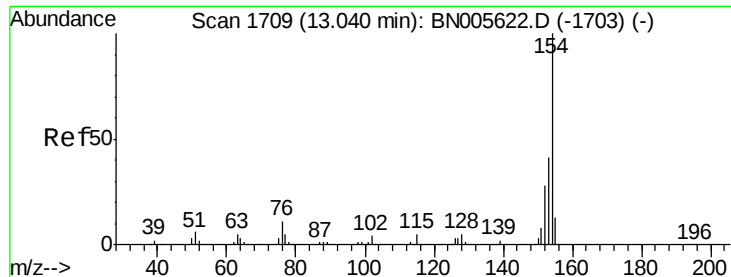
Instrument :
BNA_N
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GAJ58MEDL

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Quant Title : SVOA CALIBRATION
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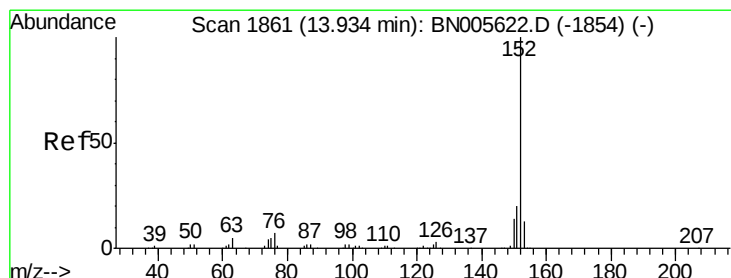
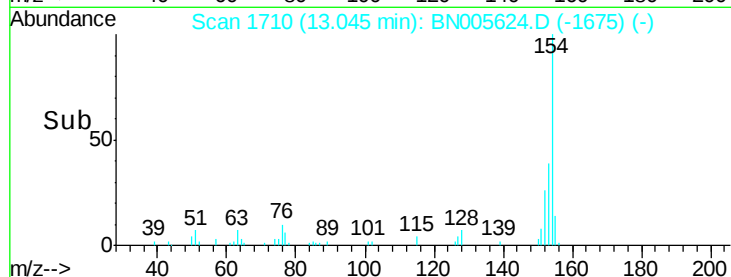
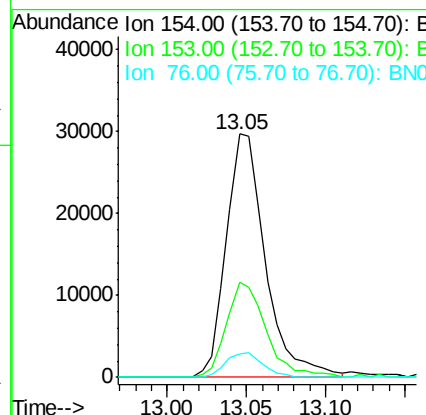
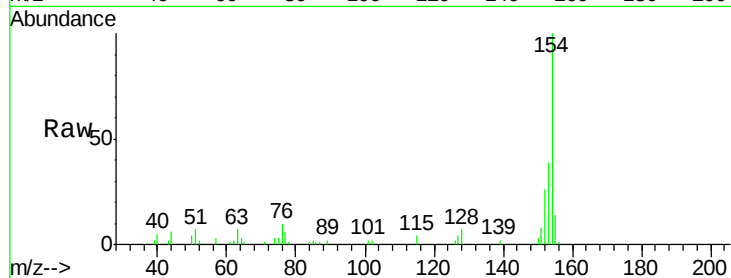
#40
1,1'-Biphenyl
Concen: 1.148 ng/ul
RT: 13.05 min Scan# 1710
Delta R.T. 0.01 min
Lab File: BN005624.D
Acq: 11 May 2019 13:42

Instrument :
BNA_N
ClientSampleId :
GAJ58MEDL

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	38.9	32.6	49.0
76	9.7	10.4	15.6

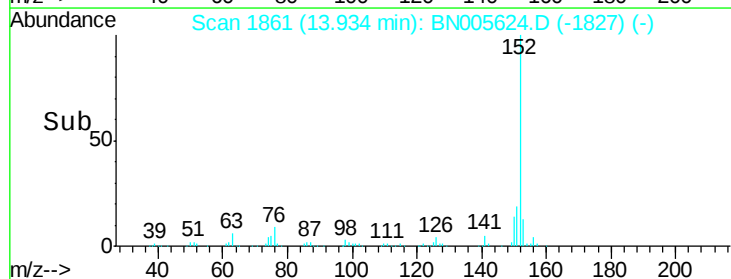
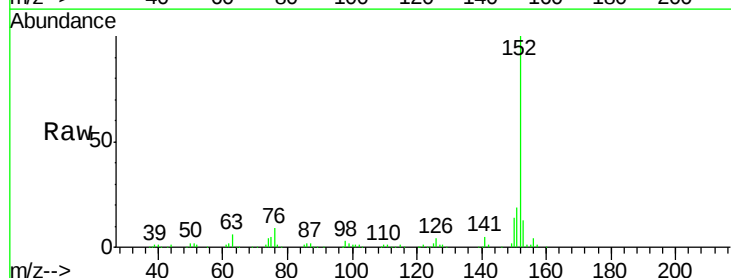
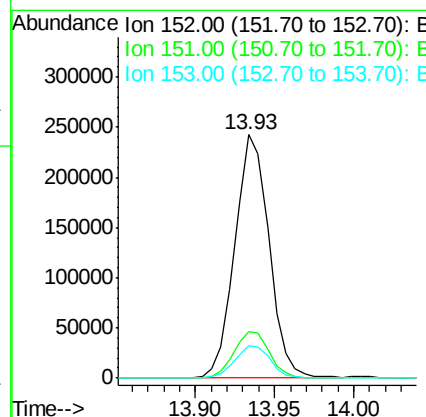
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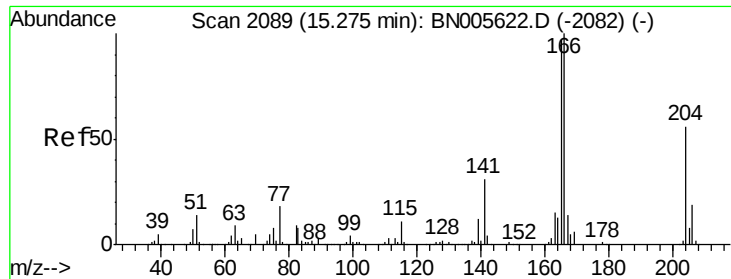
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#47
Acenaphthylene
Concen: 6.981 ng/ul
RT: 13.93 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BN005624.D
Acq: 11 May 2019 13:42

Tgt Ion	Ratio	Resp Lower	Upper
152	100		
151	19.0	15.8	23.8
153	13.4	9.8	14.8





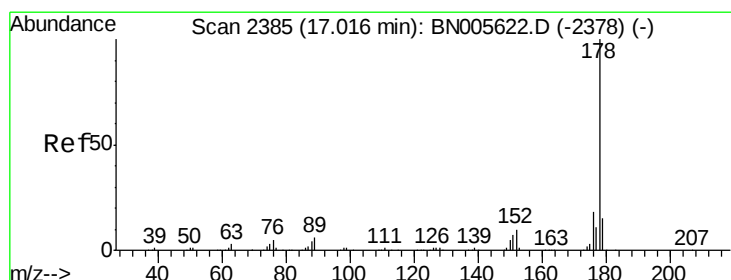
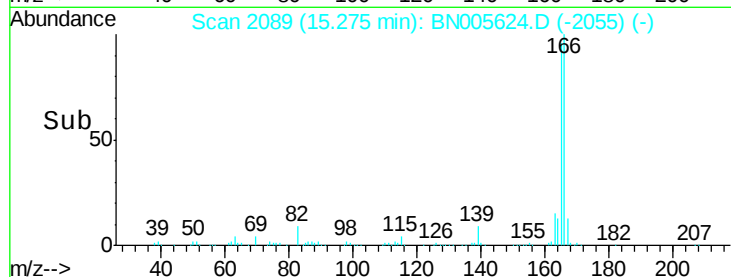
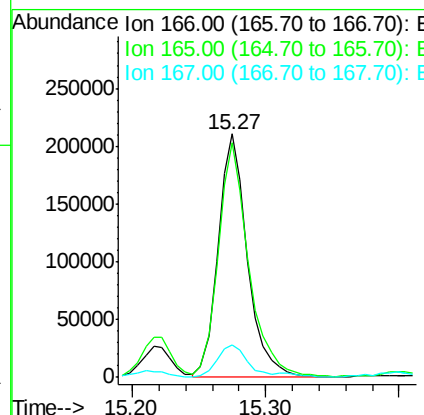
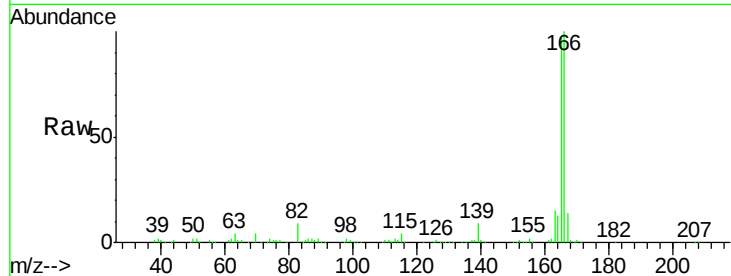
#58
 Fluorene
 Concen: 7.993 ng/ul
 RT: 15.27 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BN005624.D
 Acq: 11 May 2019 13:42

Instrument :
 BNA_N
 ClientSampleId :
 GAJ58MEDL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	320503		
165	96.6	80.0	120.0	
167	13.5	10.7	16.1	

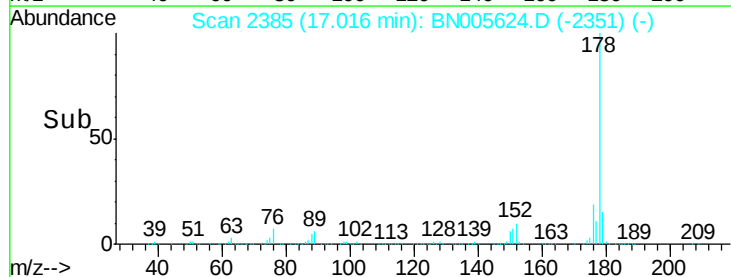
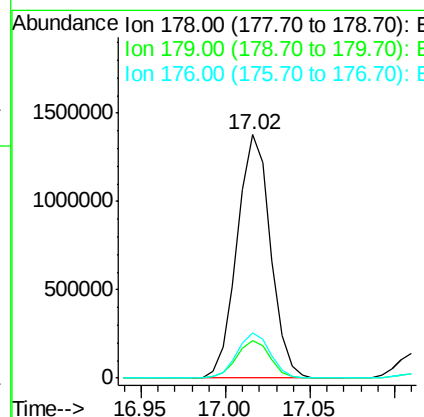
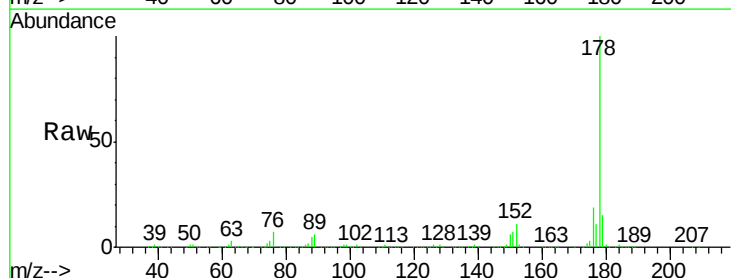
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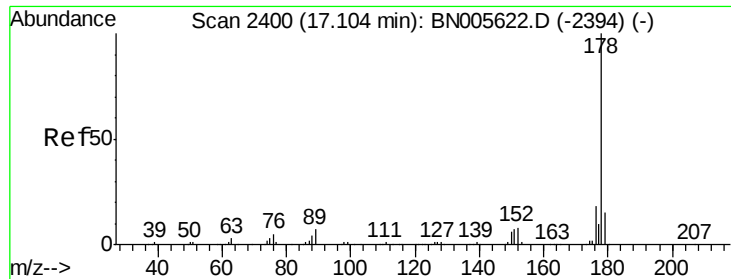
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#69
 Phenanthrene
 Concen: 29.420 ng/ul
 RT: 17.02 min Scan# 2385
 Delta R.T. -0.00 min
 Lab File: BN005624.D
 Acq: 11 May 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1902219		
179	15.5	12.2	18.4	
176	18.6	15.1	22.7	





#71

Anthracene

Concen: 3.065 ng/ul

RT: 17.11 min Scan# 2401

Delta R.T. 0.01 min

Lab File: BN005624.D

Acq: 11 May 2019 13:42

Instrument :

BNA_N

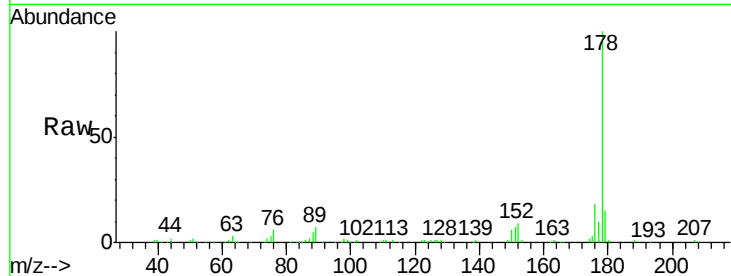
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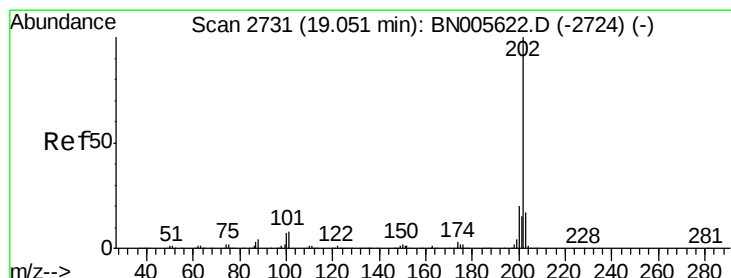
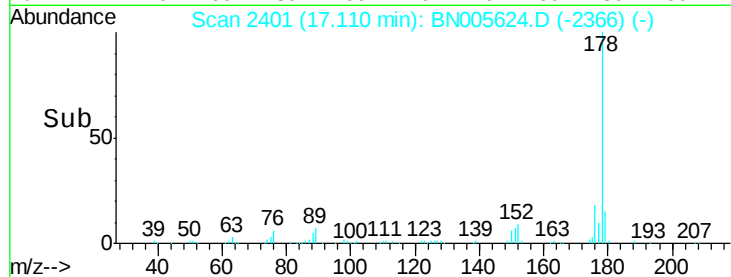
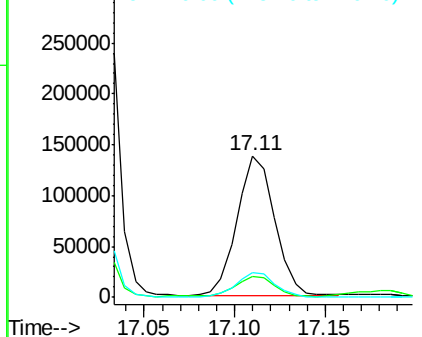
Tgt Ion:	178	Resp:	201873
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.3	18.5
176	17.7	15.1	22.7

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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



#76

Fluoranthene

Concen: 9.813 ng/ul

RT: 19.05 min Scan# 2731

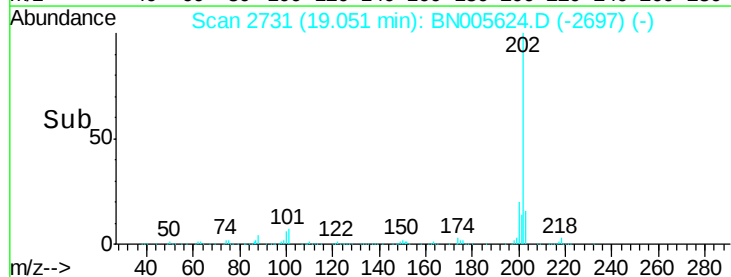
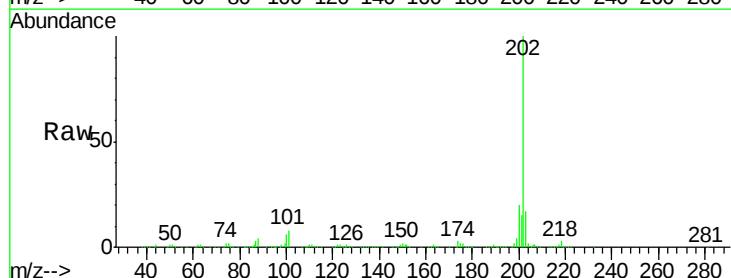
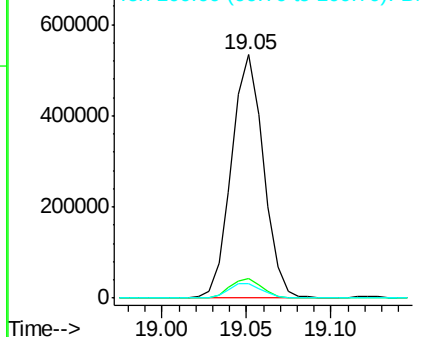
Delta R.T. -0.00 min

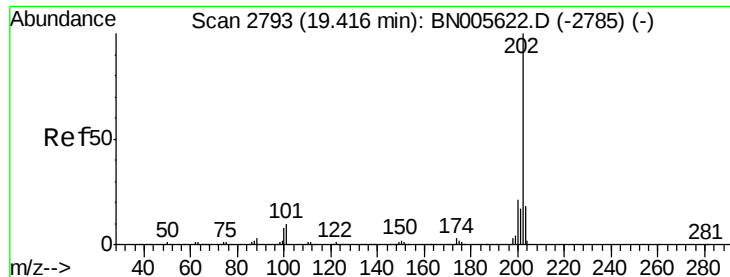
Lab File: BN005624.D

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Tgt Ion:	202	Resp:	703736
Ion Ratio	Lower	Upper	
202	100		
101	8.0	8.6	12.8#
100	6.0	6.3	9.5#

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





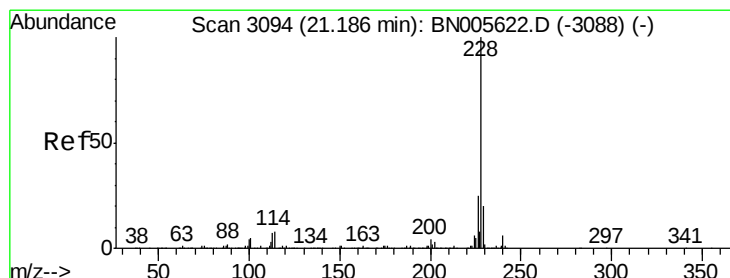
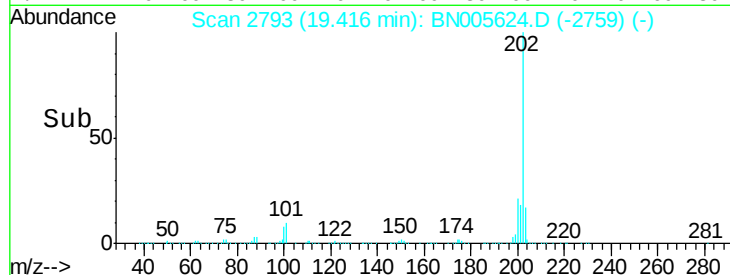
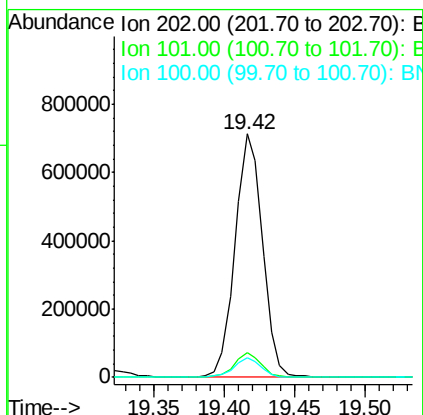
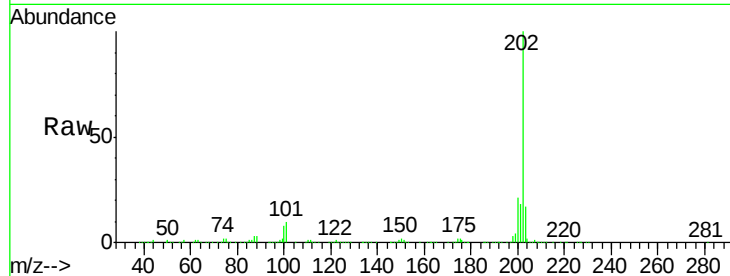
#79
Pyrene
Concen: 15.043 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. -0.00 min
Lab File: BN005624.D
Acq: 11 May 2019 13:42

Instrument :
BNA_N
ClientSampleId :
GAJ58MEDL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.9	10.3	15.5#
100	8.0	7.9	11.9

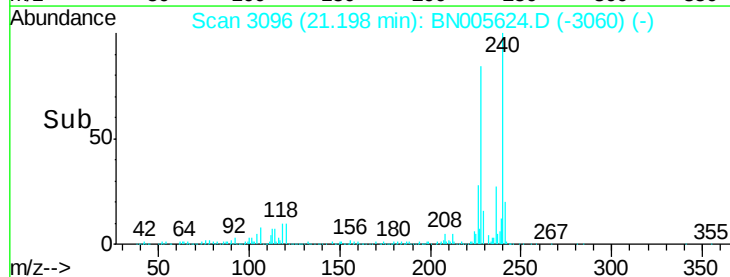
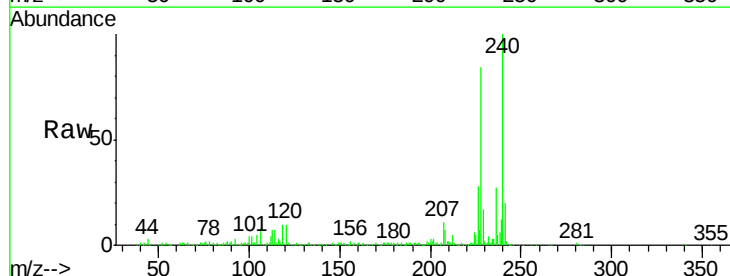
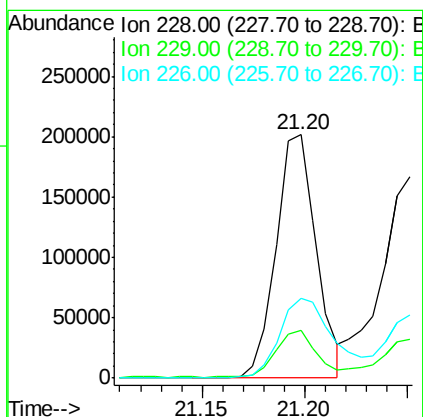
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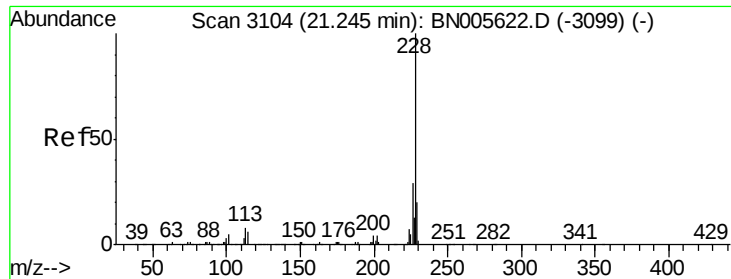
mohammad
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#82
Benzo(a)anthracene
Concen: 4.401 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BN005624.D
Acq: 11 May 2019 13:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.5	15.8	23.6
226	33.0	21.4	32.2#





#84

Chrysene

Concen: 4.385 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. 0.01 min

Lab File: BN005624.D

Acq: 11 May 2019 13:42

Instrument :

BNA_N

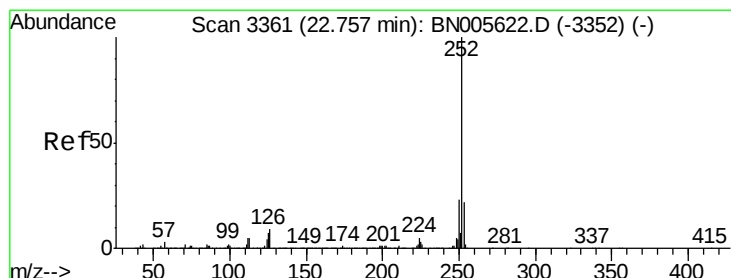
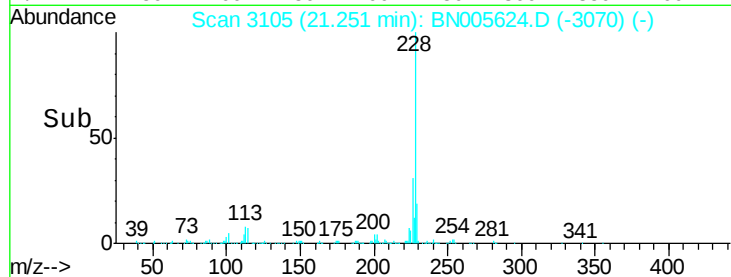
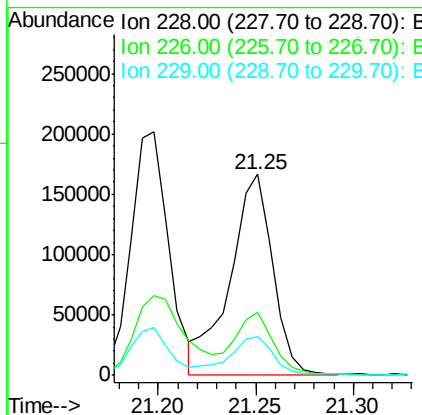
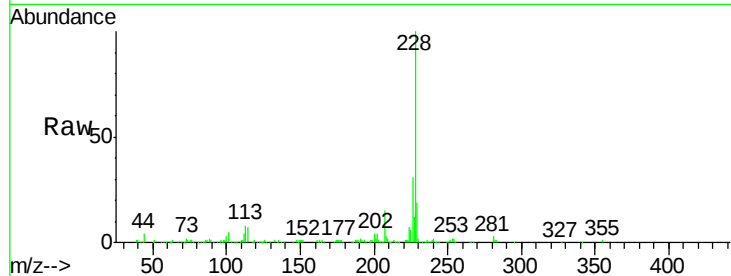
ClientSampled :

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Tgt Ion:	228	Resp:	252414
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.0	36.0
229	19.2	15.4	23.0

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#87

Benzo(b)fluoranthene

Concen: 3.019 ng/ul

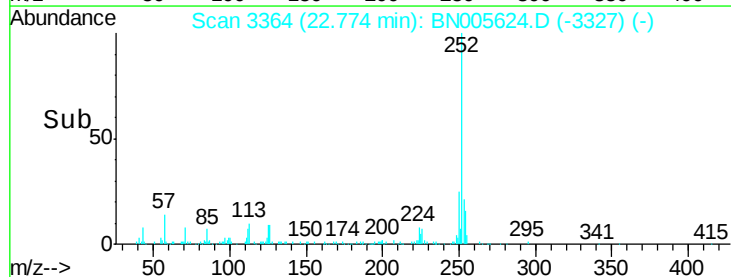
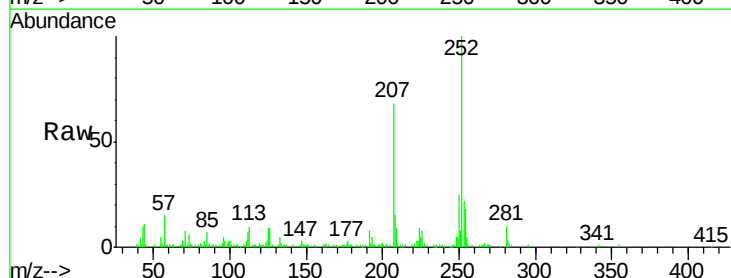
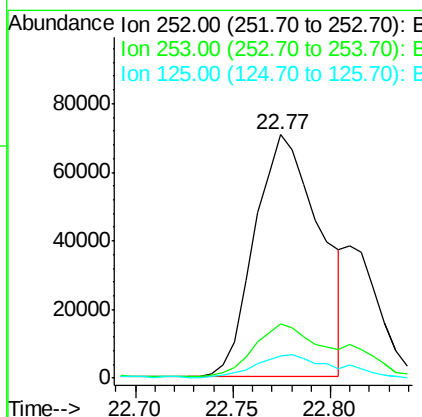
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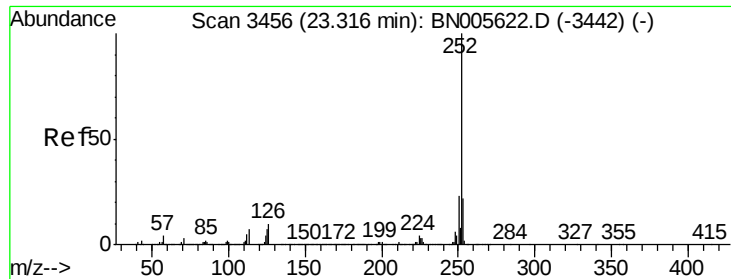
Delta R.T. 0.02 min

Lab File: BN005624.D

Acq: 11 May 2019 13:42

Tgt Ion:	252	Resp:	163355
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.7	26.5
125	9.2	8.4	12.6





#90

Benzo(a)pyrene

Concen: 2.321 ng/ul

RT: 23.33 min Scan# 3458

Delta R.T. 0.01 min

Lab File: BN005624.D

Acq: 11 May 2019 13:42

Instrument :

BNA_N

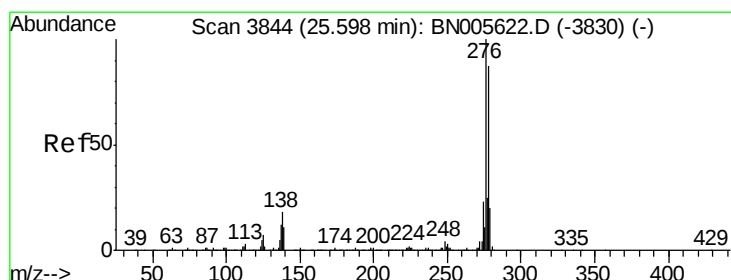
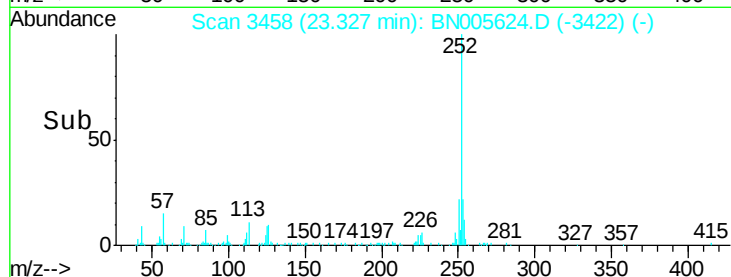
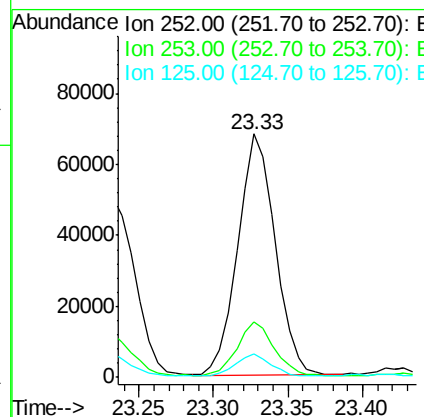
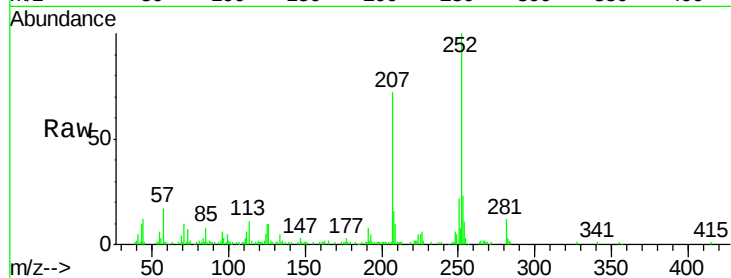
ClientSampleId :

GAJ58MEDL

Tgt Ion:	252	Resp:	118047
Ion Ratio		Lower	Upper
252	100		
253	22.8	17.3	25.9
125	9.8	8.6	13.0

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#91

Indeno(1,2,3-cd)pyrene

Concen: 1.230 ng/ul

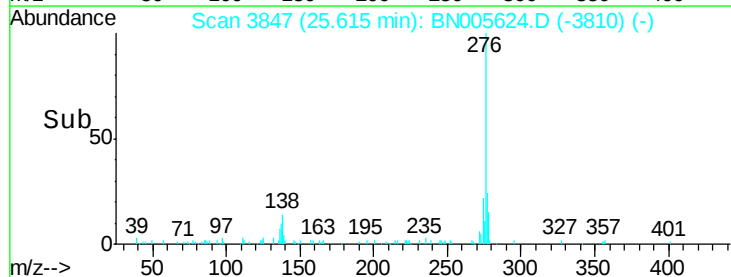
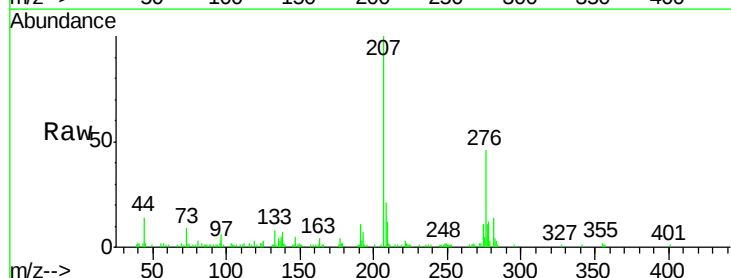
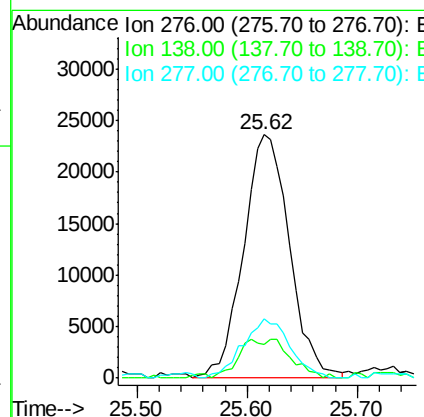
RT: 25.62 min Scan# 3847

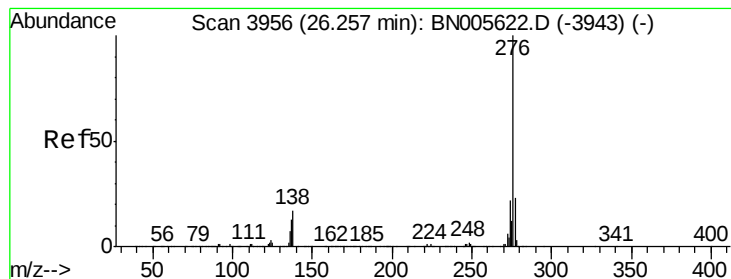
Delta R.T. 0.02 min

Lab File: BN005624.D

Acq: 11 May 2019 13:42

Tgt Ion:	276	Resp:	69128
Ion Ratio		Lower	Upper
276	100		
138	14.1	17.9	26.9#
277	24.6	19.7	29.5





#93

Benzo(g,h,i)perylene

Concen: 1.355 ng/ul

RT: 26.29 min Scan# 3961

Delta R.T. 0.03 min

Lab File: BN005624.D

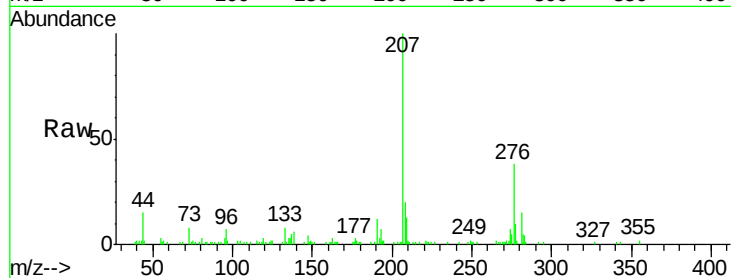
Acq: 11 May 2019 13:42

Instrument :

BNA_N

ClientSampleId :

GAJ58MEDL



Tgt Ion: 276 Resp: 62977

Ion Ratio Lower Upper

276 100

138 15.7 16.7 25.1#

277 25.2 18.2 27.2

Manual Integrations
APPROVED

mohammad
5/13/2019 8:50:07 AM

