

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
 Data File : BN005412.D
 Acq On : 01 May 2019 15:56
 Operator : JU/SJ
 Sample : K2481-17MEDL 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 GAHX0MEDL

Manual Integrations
 APPROVED

Sohil
 5/2/2019 4:57:22 PM

Quant Time: May 02 00:27:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	470303	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2022187	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1186495	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2498827	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1638488	20.00	ng/ul	-0.02
85) Perylene-d12	23.41	264	1643818	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	5437	0.56	ng/uL	0.00
5) Phenol-d5	6.78	99	111826	3.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	67604	2.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	93320	3.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	82429	2.85	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	48324	3.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	49060	3.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	90530	3.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	124355	4.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	303471	3.52	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	377243	3.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	23827	1.75	ng/ul	0.03
57) Fluorene-d10	15.23	176	263534	3.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	7043	0.63	ng/ul	0.01
70) Anthracene-d10	17.08	188	386895	3.69	ng/ul	0.00
78) Pyrene-d10	19.39	212	357925	4.27	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	259556	3.61	ng/ul	-0.03

Target Compounds

					Ovalue
28) Naphthalene	10.41	128	5705103	60.687	ng/ul 99
34) 2-Methylnaphthalene	12.03	142	3489804	50.699	ng/ul 97
40) 1,1'-Biphenyl	13.05	154	216634	2.450	ng/ul 97
47) Acenaphthylene	13.95	152	925710	8.904	ng/ul 98
49) Acenaphthene	14.29	153	78112	1.101	ng/ul 92
58) Fluorene	15.28	166	428755	5.377	ng/ul 98
69) Phenanthrene	17.03	178	1809807	14.871	ng/ul 99
71) Anthracene	17.12	178	358050	2.888	ng/ul 98
76) Fluoranthene	19.06	202	283542	2.101	ng/ul 97
79) Pyrene	19.42	202	441251	4.183	ng/ul 96
82) Benzo(a)anthracene	21.19	228	132022m	1.295	ng/ul
84) Chrysene	21.24	228	114415m	1.209	ng/ul

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

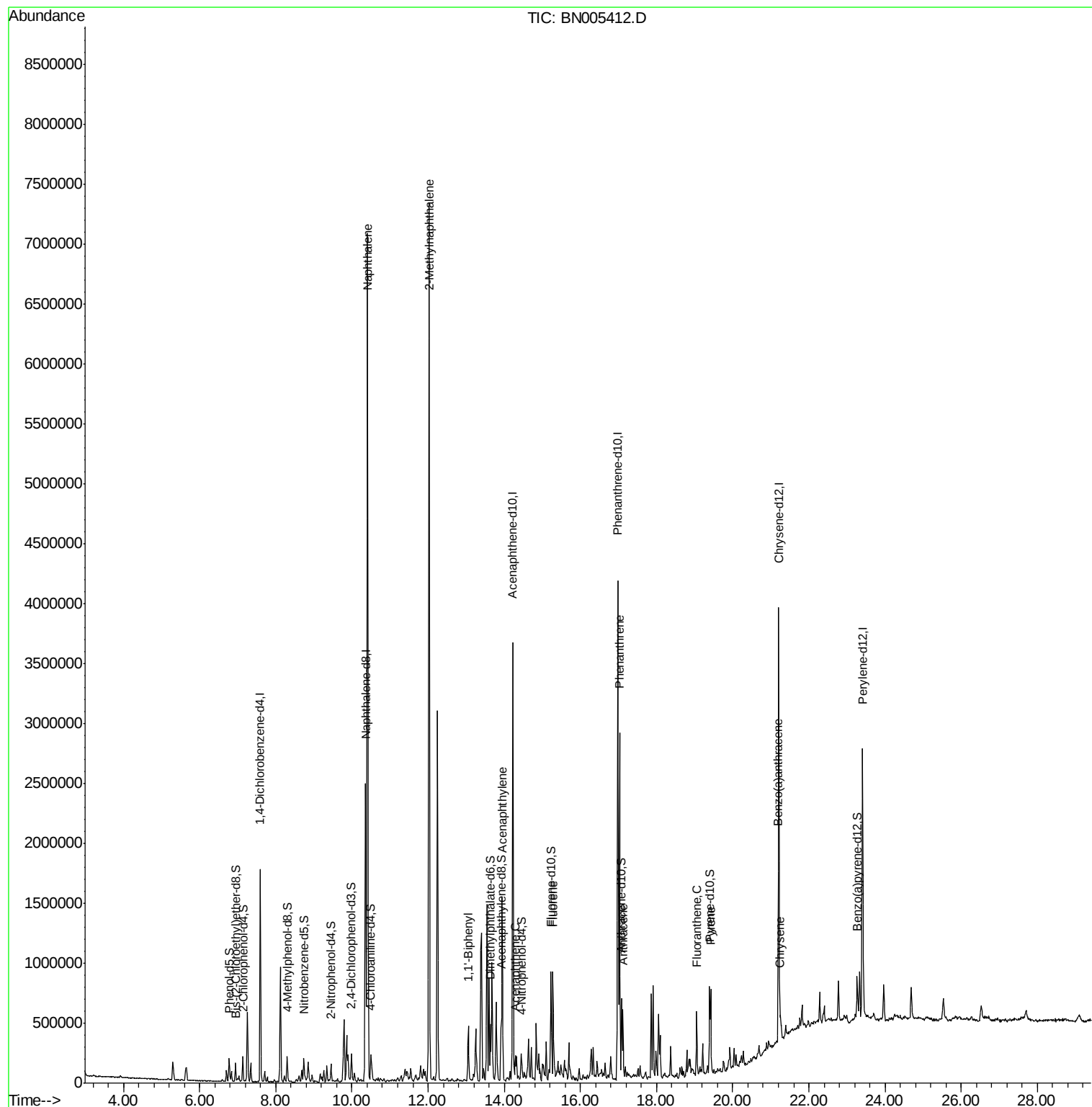
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005412.D
Acq On : 01 May 2019 15:56
Operator : JU/SJ
Sample : K2481-17MEDL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

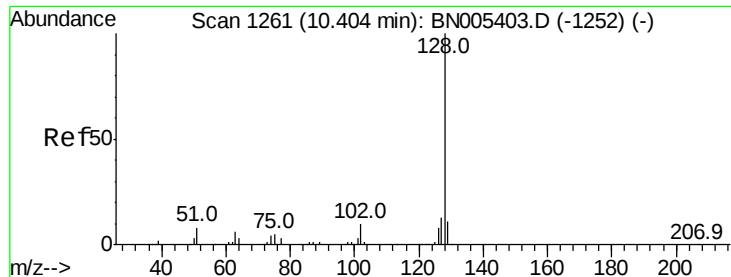
Instrument :
BNA_N
ClientSampleId :
GAHX0MEDL

Manual Integrations
APPROVED

Sohil
5/2/2019 4:57:22 PM

Quant Time: May 02 00:27:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration





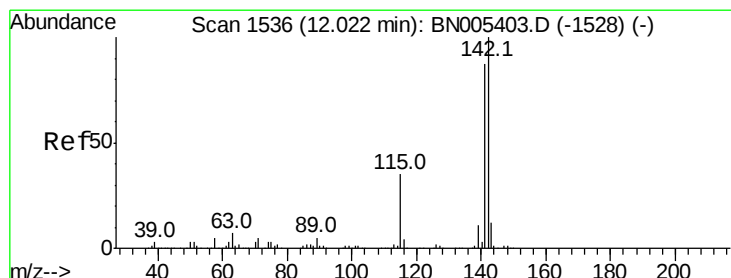
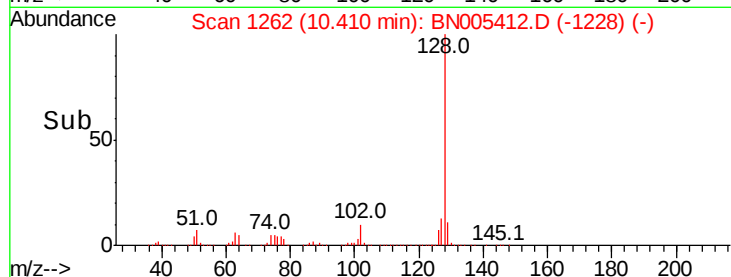
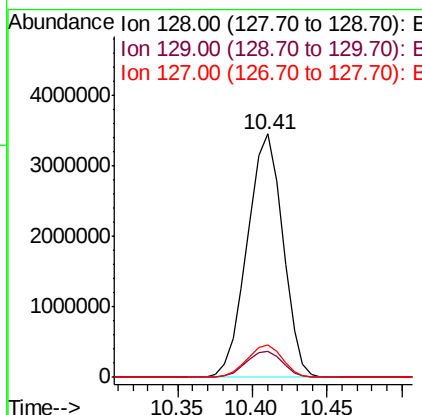
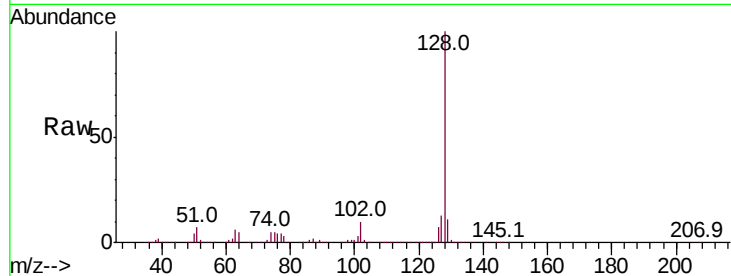
#28
Naphthalene
Concen: 60.687 ng/ul
RT: 10.41 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BN005412.D
Acq: 01 May 2019 15:56

Instrument :
BNA_N
ClientSampleId :
GAHX0MEDL

Tot Ion:128 Resp: 5705103
Ion Ratio Lower Upper
128 100
129 10.8 9.2 13.8
127 13.1 10.7 16.1

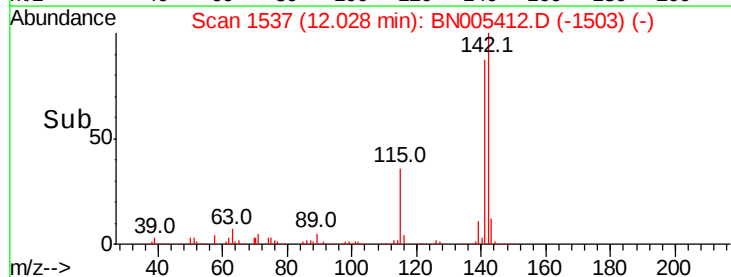
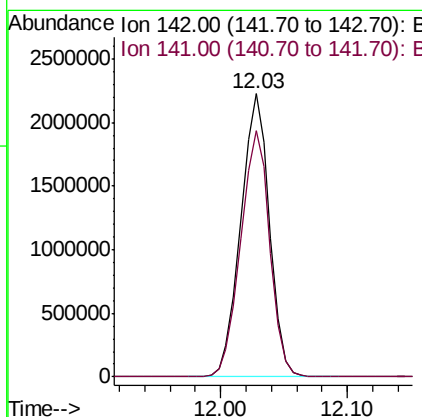
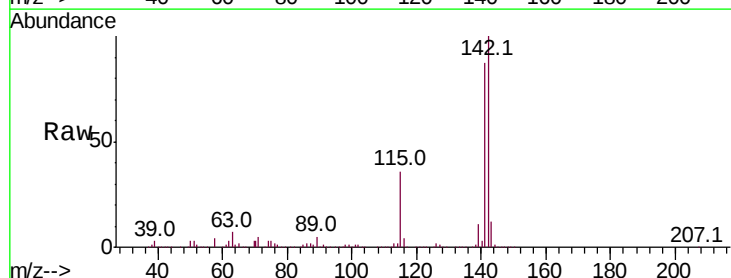
Manual Integrations
APPROVED

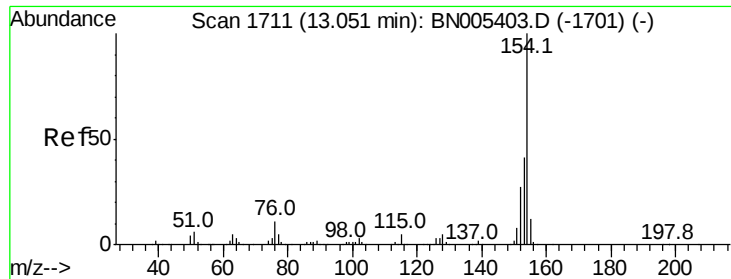
Sohil
5/2/2019 4:57:22 PM



#34
2-Methylnaphthalene
Concen: 50.699 ng/ul
RT: 12.03 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BN005412.D
Acq: 01 May 2019 15:56

Tgt Ion:142 Resp: 3489804
Ion Ratio Lower Upper
142 100
141 87.1 72.0 108.0





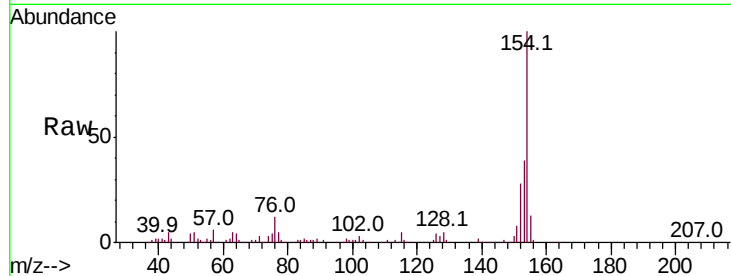
#40
1,1'-Biphenyl
Concen: 2.450 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BN005412.D
Acq: 01 May 2019 15:56

Instrument :
BNA_N
ClientSampleId :
GAHX0MEDL

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.0	32.6	49.0
76	12.3	10.4	15.6

Manual Integrations
APPROVED

Sohil
5/2/2019 4:57:22 PM

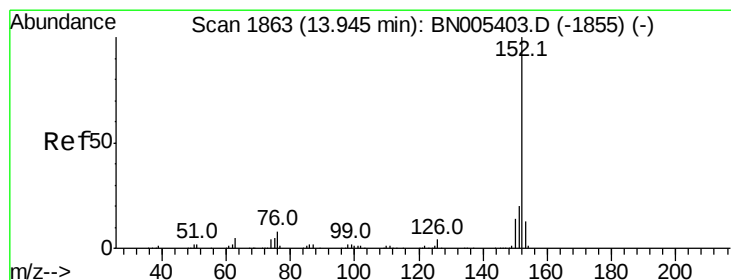
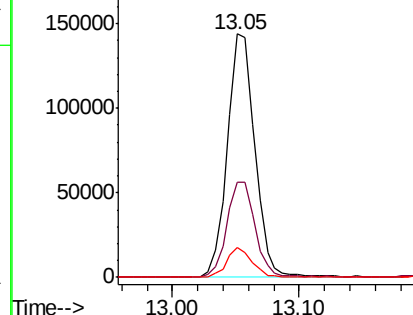
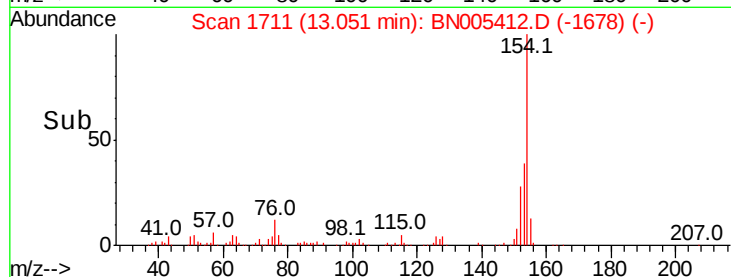


Abundance

Ion 154.00 (153.70 to 154.70): E

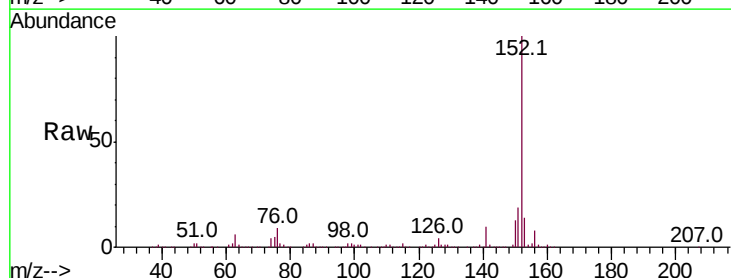
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#47
Acenaphthylene
Concen: 8.904 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BN005412.D
Acq: 01 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.8
153	13.8	9.8	14.8

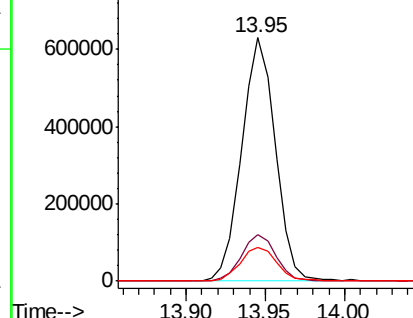
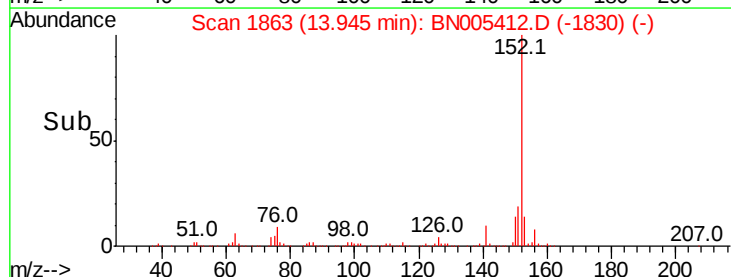


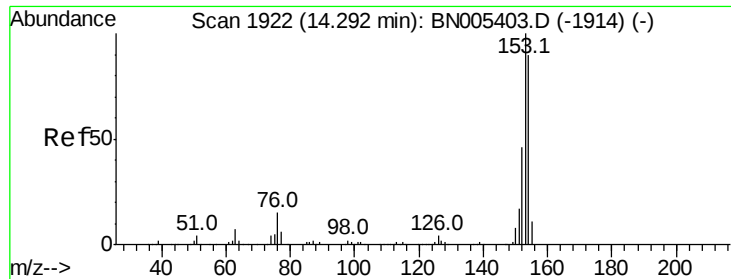
Abundance

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





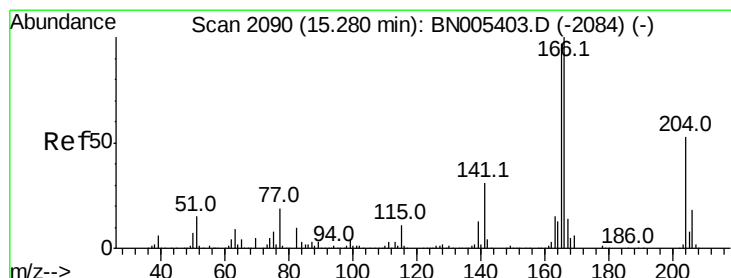
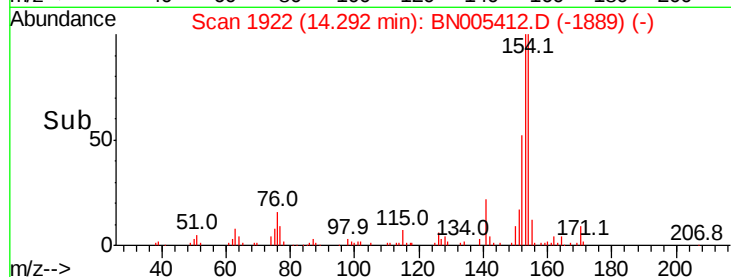
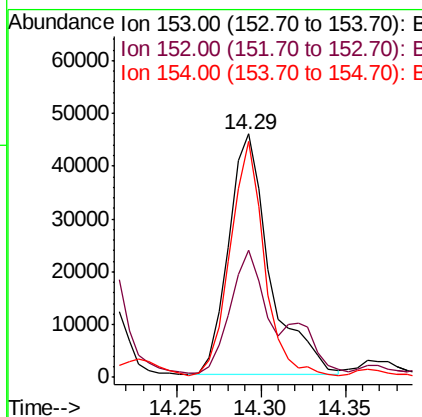
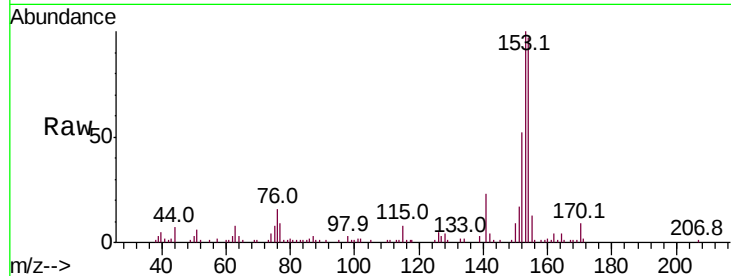
#49
Acenaphthene
Concen: 1.101 ng/ul
RT: 14.29 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BN005412.D
Acq: 01 May 2019 15:56

Instrument :
BNA_N
ClientSampleId :
GAHX0MEDL

Tot Ion	Ratio	Lower	Upper
153	100		
152	52.1	37.4	56.0
154	96.7	71.2	106.8

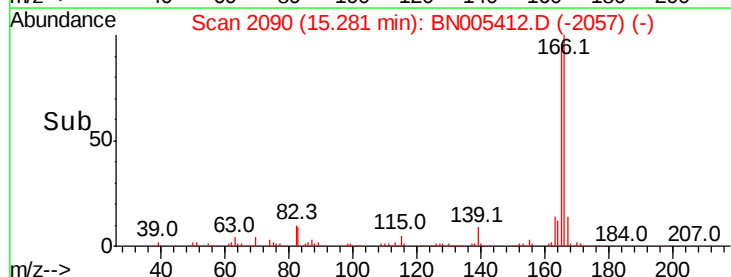
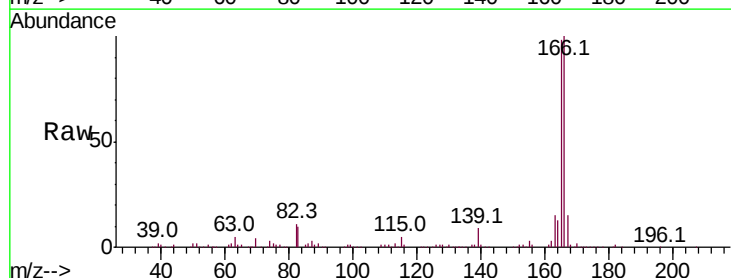
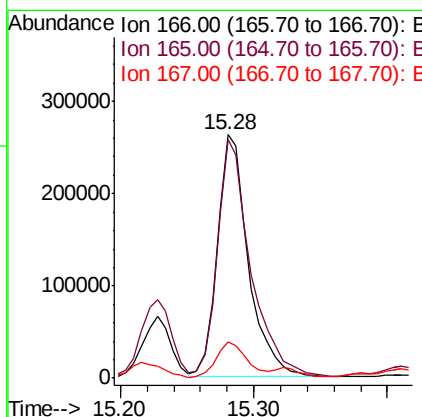
Manual Integrations
APPROVED

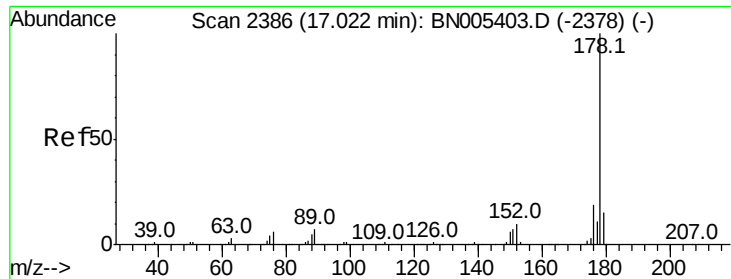
Sohil
5/2/2019 4:57:22 PM



#58
Fluorene
Concen: 5.377 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BN005412.D
Acq: 01 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	80.0	120.0
167	15.0	10.7	16.1





#69

Phenanthrene

Concen: 14.871 ng/ul

RT: 17.03 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BN005412.D

Acq: 01 May 2019 15:56

Instrument :

BNA_N

ClientSampleId :

GAHX0MEDL

Tot Ion:178 Resp: 1809807

Ion Ratio Lower Upper

178 100

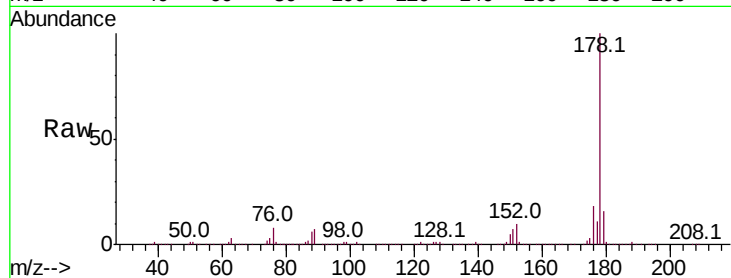
179 15.6 12.2 18.4

176 18.3 15.1 22.7

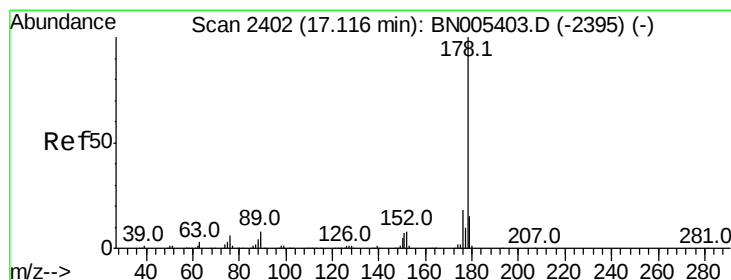
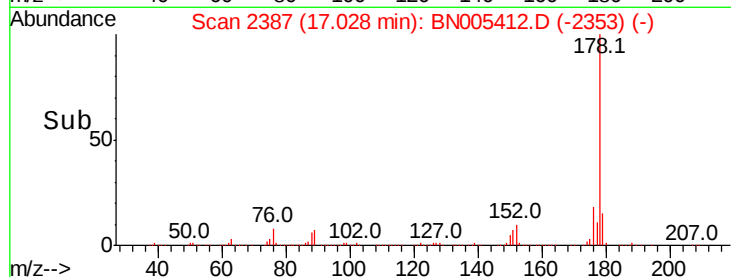
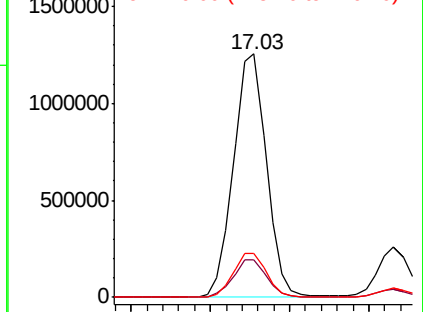
Manual Integrations
APPROVED

Sohil

5/2/2019 4:57:22 PM



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: 2.888 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BN005412.D

Acq: 01 May 2019 15:56

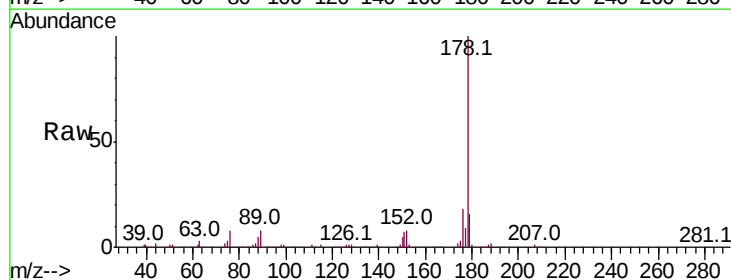
Tgt Ion:178 Resp: 358050

Ion Ratio Lower Upper

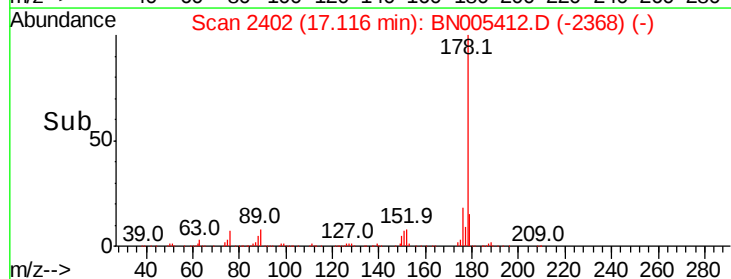
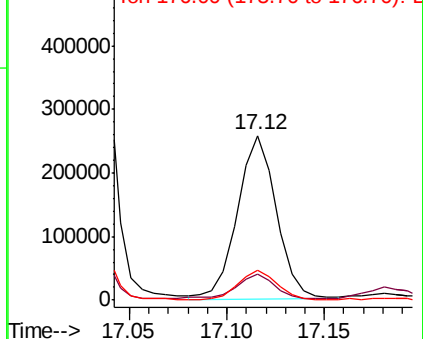
178 100

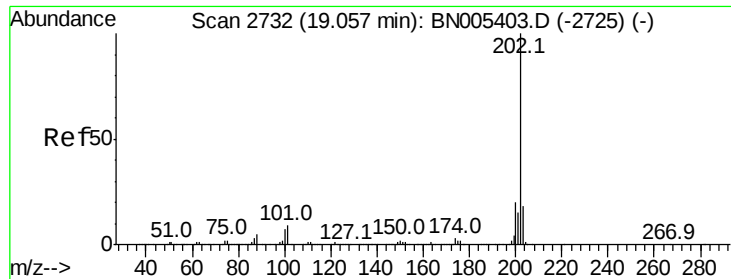
179 16.1 12.3 18.5

176 17.9 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: 2.101 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BN005412.D

Acq: 01 May 2019 15:56

Instrument :

BNA_N

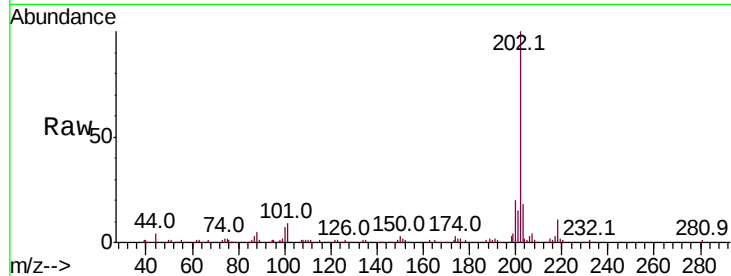
ClientSampleId :

GAHX0MEDL

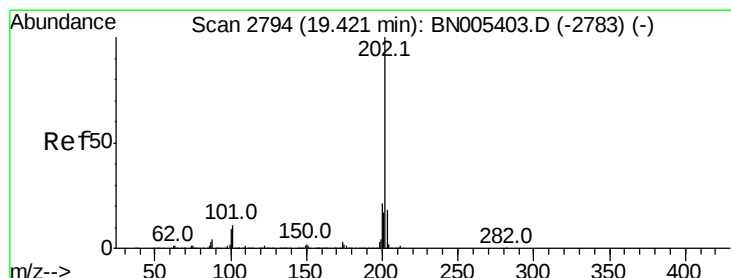
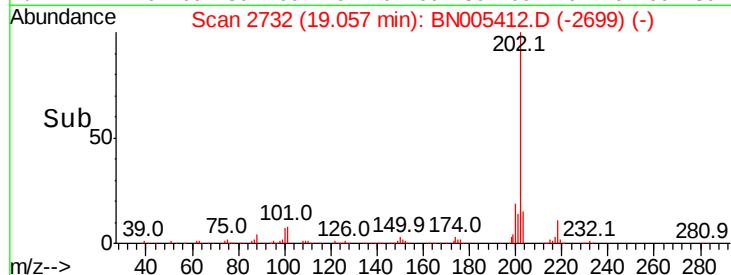
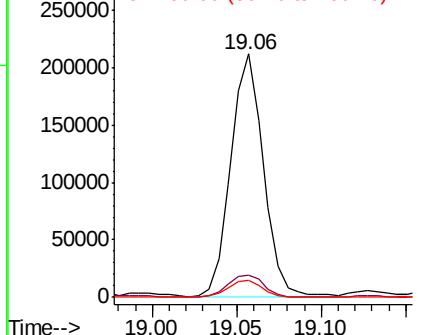
Tot Ion:	202	Resp:	283542
Ion Ratio	Lower	Upper	
202	100		
101	9.3	8.6	12.8
100	7.1	6.3	9.5

Manual Integrations
APPROVED

Sohil
5/2/2019 4:57:22 PM



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: 4.183 ng/ul

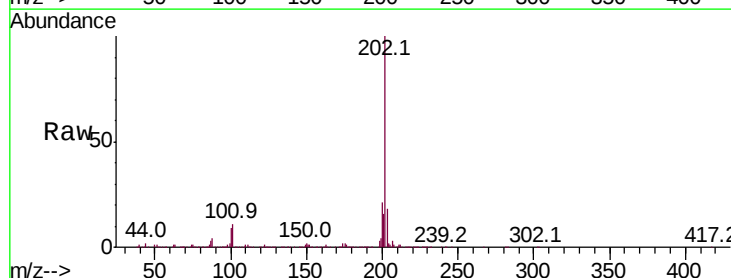
RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

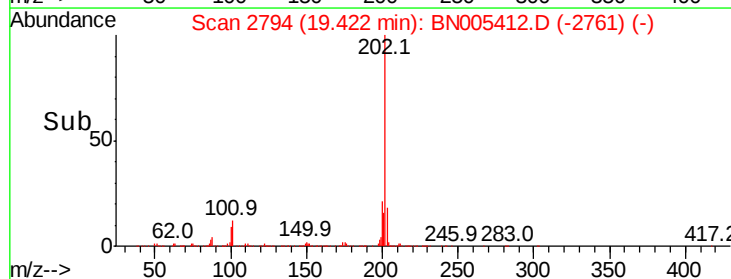
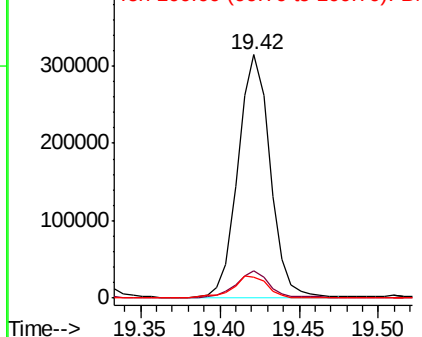
Lab File: BN005412.D

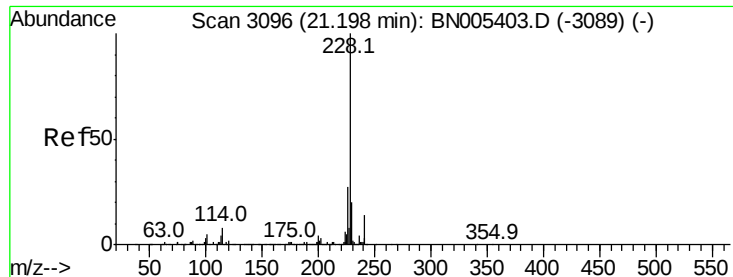
Acq: 01 May 2019 15:56

Tgt Ion:	202	Resp:	441251
Ion Ratio	Lower	Upper	
202	100		
101	11.2	10.3	15.5
100	8.8	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





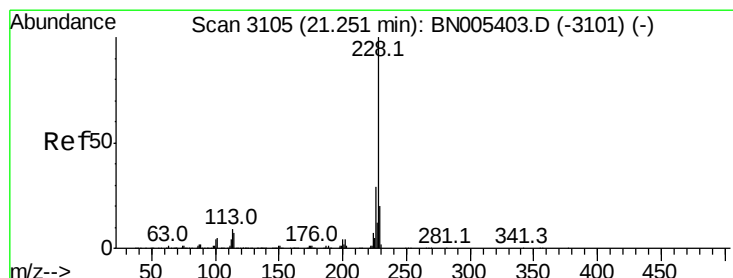
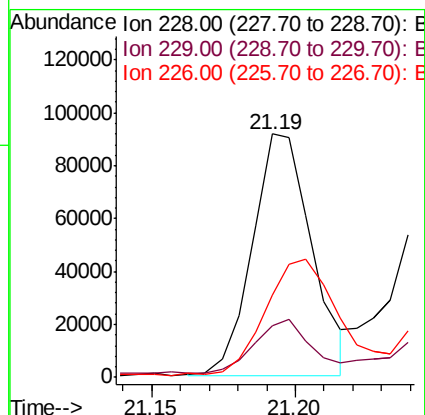
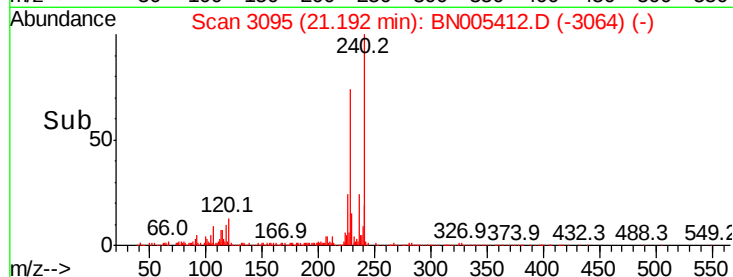
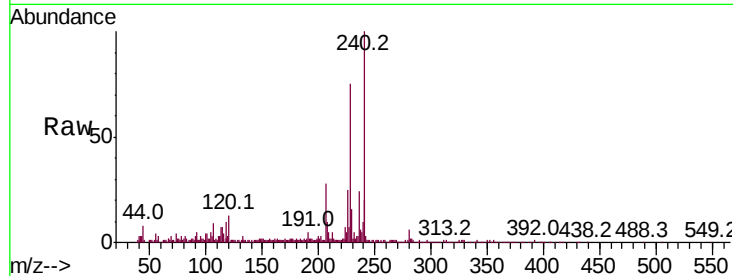
#82
Benzo(a)anthracene
Concen: 1.295 ng/ul m
RT: 21.19 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BN005412.D
Acq: 01 May 2019 15:56

Instrument :
BNA_N
ClientSampleId :
GAHX0MEDL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.6
226	33.6	21.4	32.2#

Manual Integrations
APPROVED

Sohil
5/2/2019 4:57:22 PM



#84
Chrysene
Concen: 1.209 ng/ul m
RT: 21.24 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BN005412.D
Acq: 01 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	23.2	15.4	23.0#

