

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
 Data File : BN009451.D
 Acq On : 28 Jan 2020 15:13
 Operator : CG/JU
 Sample : L1193-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GASP3

Manual Integrations
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mohammad
 1/30/2020 8:03:41 AM

Quant Time: Jan 28 15:48:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 22 15:13:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	191970	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	788641	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.10	164	455421	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	903361	20.00	ng/ul	0.00
77) Chrysene-d12	21.06	240	779436	20.00	ng/ul	0.00
85) Perylene-d12	23.19	264	853101	20.00	ng/ul	0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	13537	2.92	ng/uL	0.00
5) Phenol-d5	6.66	99	335812	19.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	216358	17.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	257621	20.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	278258	20.54	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	132527	23.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	150480	25.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	271995	22.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	107378	7.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.52	166	786377	23.33	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	951166	23.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	137404	21.91	ng/ul	0.00
57) Fluorene-d10	15.10	176	666423	22.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	86212	15.76	ng/ul	0.00
70) Anthracene-d10	16.95	188	978044	23.40	ng/ul	0.00
78) Pyrene-d10	19.26	212	998461	23.81	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.06	264	997330	23.16	ng/ul	0.02

Target Compounds				Ovalue		
6) Phenol	6.68	94	20924	1.173	ng/ul#	90
44) Dimethylphthalate	13.56	163	164902	4.752	ng/ul	98
47) Acenaphthylene	13.82	152	4260187	98.675	ng/ul	99
49) Acenaphthene	14.16	153	34312	1.165	ng/ul#	73
58) Fluorene	15.17	166	311010	9.070	ng/ul#	44
71) Anthracene	16.98	178	1505815	29.015	ng/ul	98
76) Fluoranthene	18.92	202	178038m	3.047	ng/ul	
79) Pyrene	19.29	202	1390456	24.638	ng/ul	100
82) Benzo(a)anthracene	21.05	228	384846	7.251	ng/ul#	6
84) Chrysene	21.07	228	800384	15.480	ng/ul#	68
87) Benzo(b)fluoranthene	22.57	252	1916624m	35.532	ng/ul	
88) Benzo(k)fluoranthene	22.59	252	372124m	7.016	ng/ul	
90) Benzo(a)pyrene	23.10	252	2367512	48.897	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.28	276	1700776	28.985	ng/ul	97
92) Dibenzo(a,h)anthracene	25.29	278	702761	14.196	ng/ul#	85
93) Benzo(g,h,i)perylene	25.92	276	1402206	28.730	ng/ul	98

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

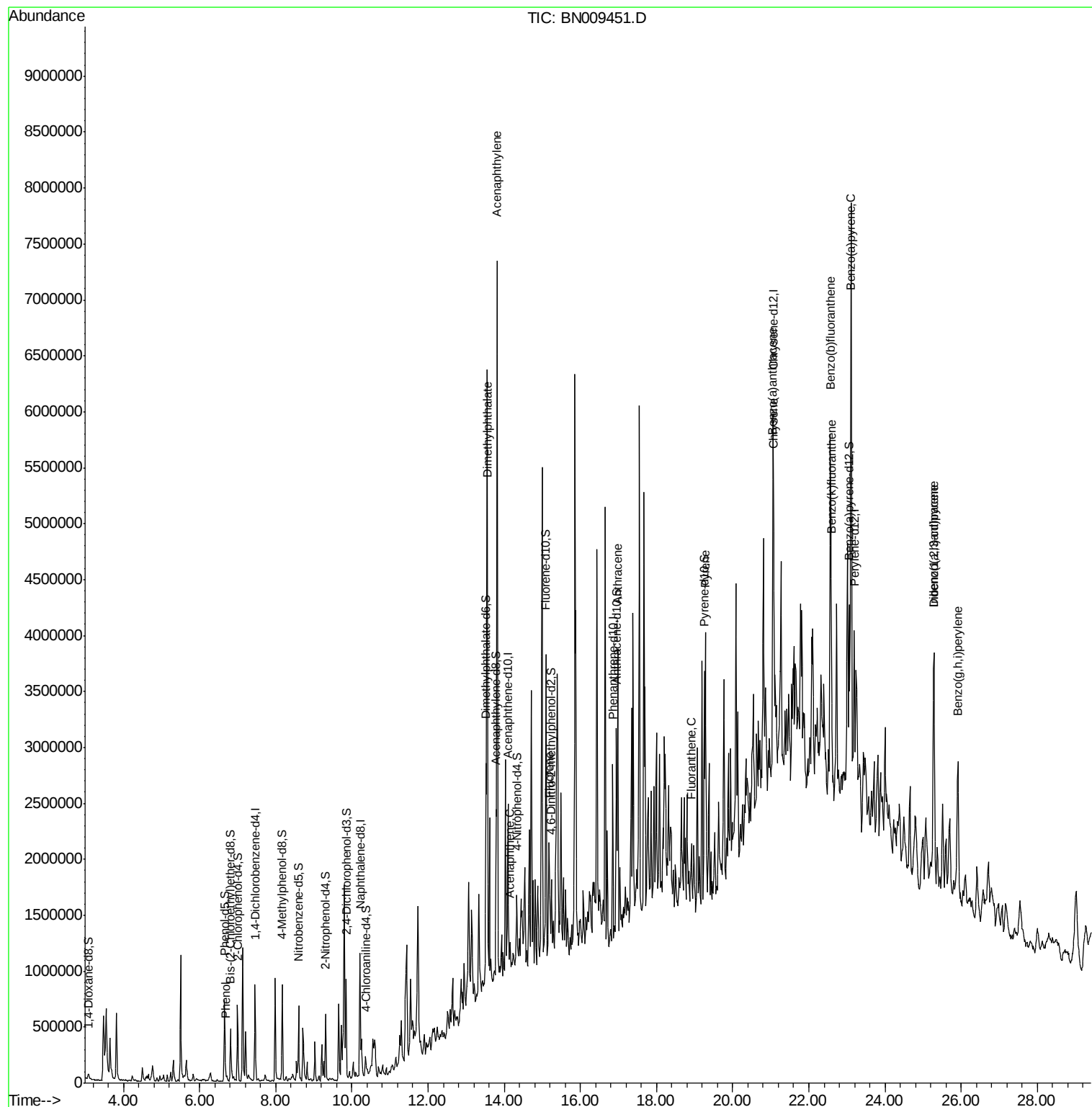
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009451.D
Acq On : 28 Jan 2020 15:13
Operator : CG/JU
Sample : L1193-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

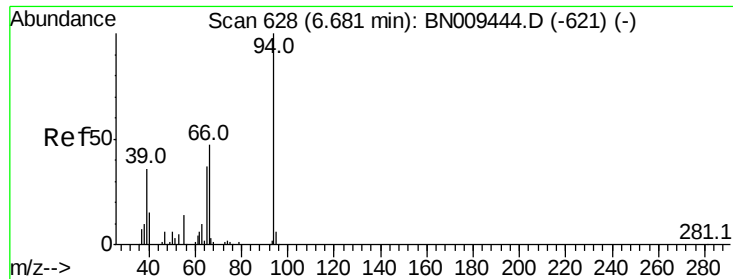
Instrument :
BNA_N
ClientSampleId :
GASP3

Quant Time: Jan 28 15:48:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration

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#6

Phenol

Concen: 1.173 ng/ul

RT: 6.68 min Scan# 628

Delta R.T. -0.00 min

Lab File: BN009451.D

Acq: 28 Jan 2020 15:13

Instrument :

BNA_N

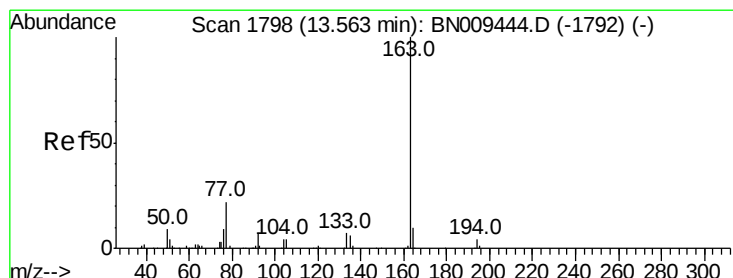
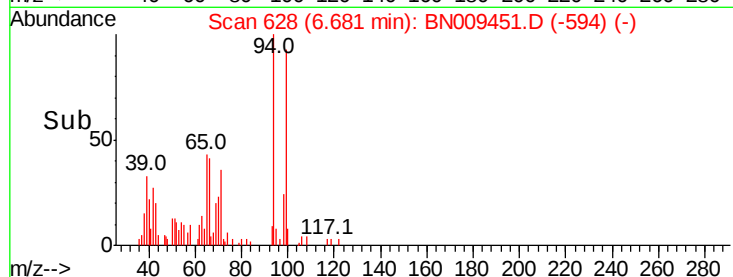
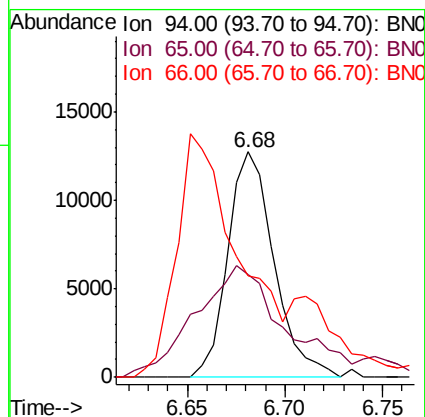
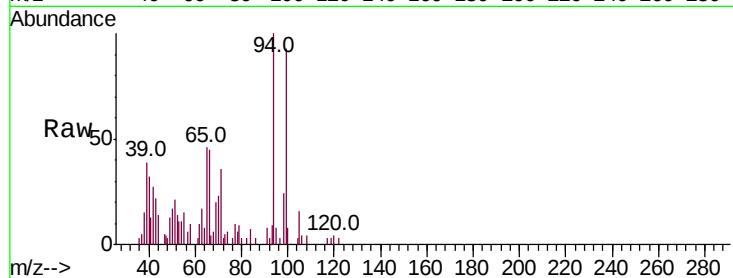
ClientSampled :

GASP3

Tot Ion:	94	Resp:	20924
Ion	Ratio	Lower	Upper
94	100		
65	45.7	29.4	44.0#
66	45.1	39.8	59.8

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#44

Dimethylphthalate

Concen: 4.752 ng/ul

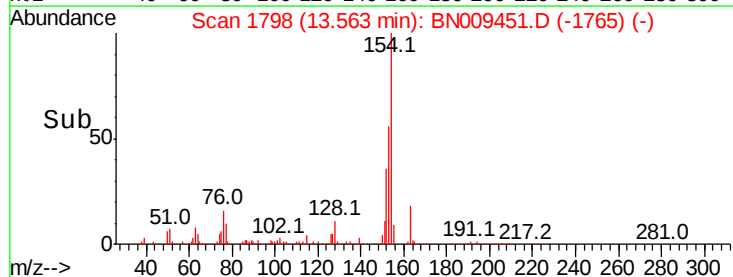
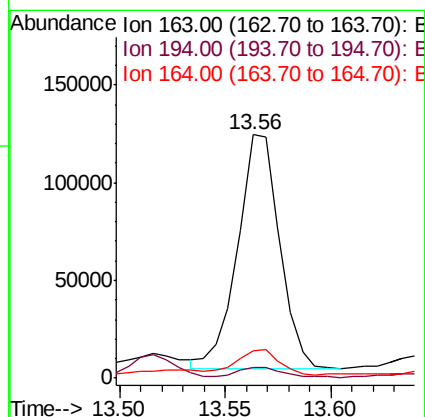
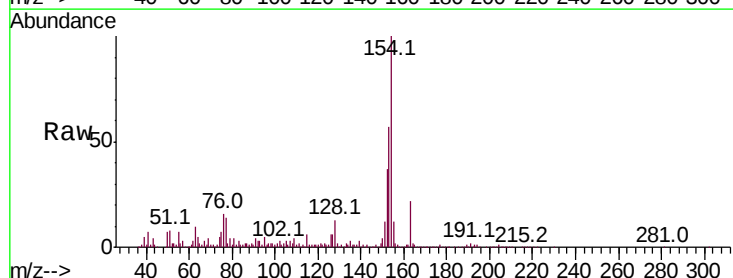
RT: 13.56 min Scan# 1798

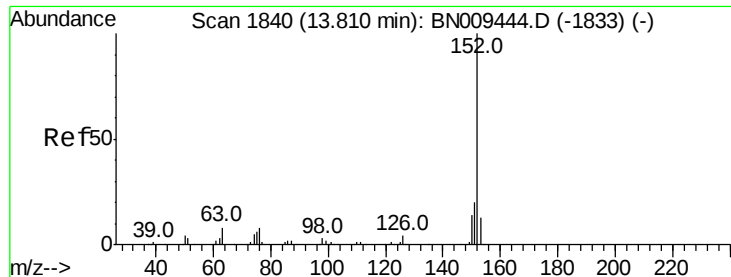
Delta R.T. -0.01 min

Lab File: BN009451.D

Acq: 28 Jan 2020 15:13

Tgt Ion:	163	Resp:	164902
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.1	4.7
164	11.1	8.3	12.5





#47

Acenaphthylene

Concen: 98.675 ng/ul

RT: 13.82 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BN009451.D

Acq: 28 Jan 2020 15:13

Instrument :

BNA_N

ClientSampled :

GASP3

Tot Ion:152 Resp: 4260187

Ion Ratio Lower Upper

152 100

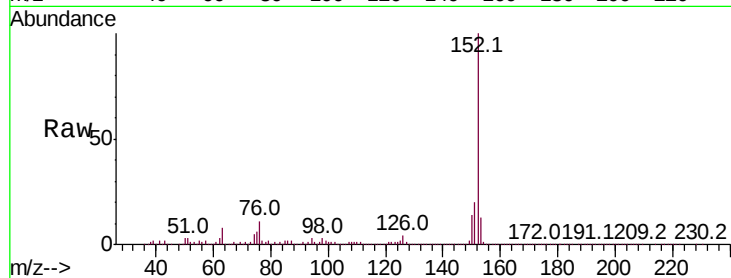
151 20.1 16.2 24.4

153 12.9 10.8 16.2

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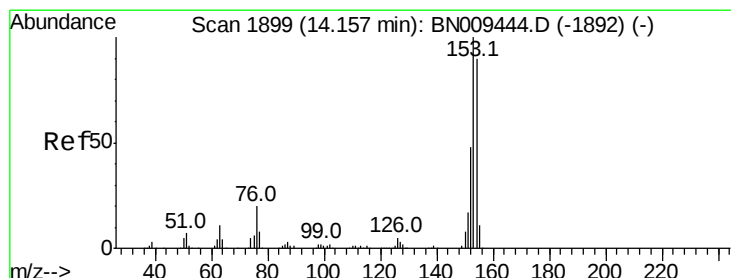
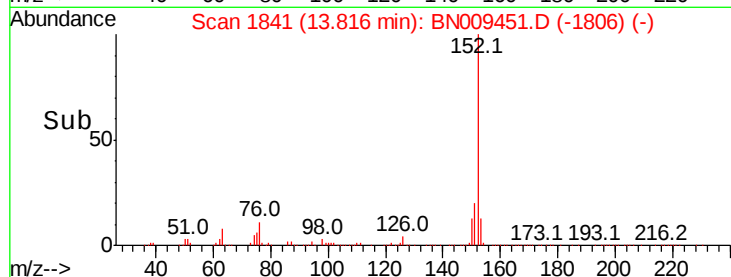
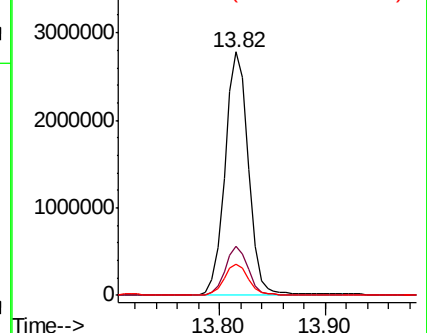
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 1.165 ng/ul

RT: 14.16 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BN009451.D

Acq: 28 Jan 2020 15:13

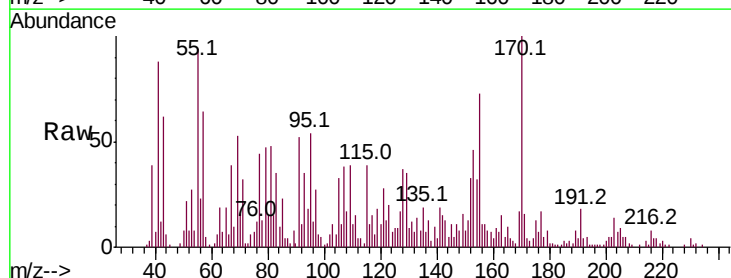
Tgt Ion:153 Resp: 34312

Ion Ratio Lower Upper

153 100

152 71.7 36.3 54.5#

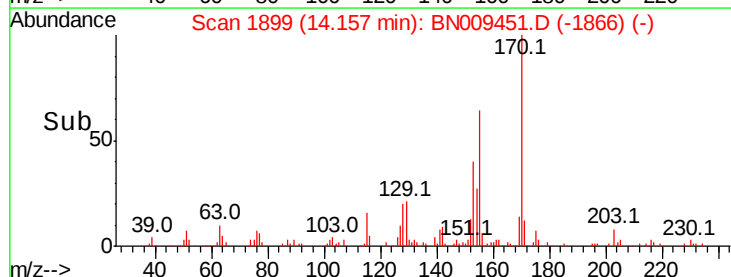
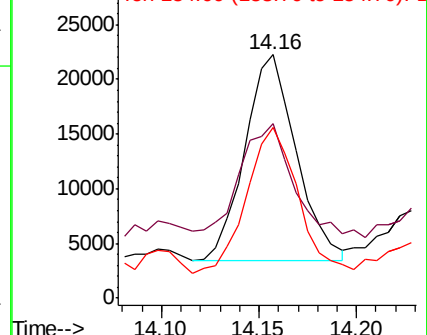
154 70.2 71.4 107.0#

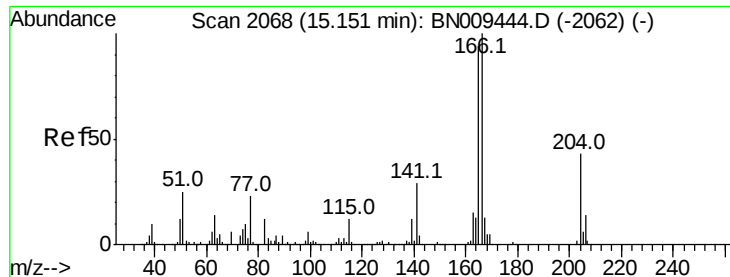


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





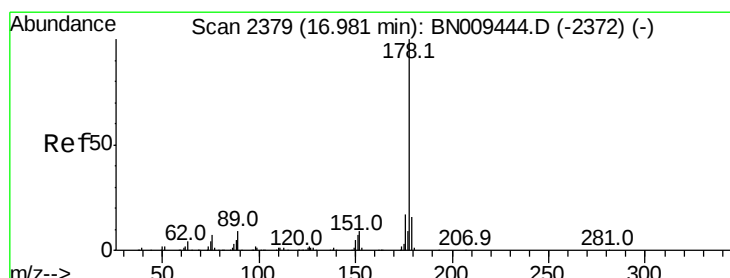
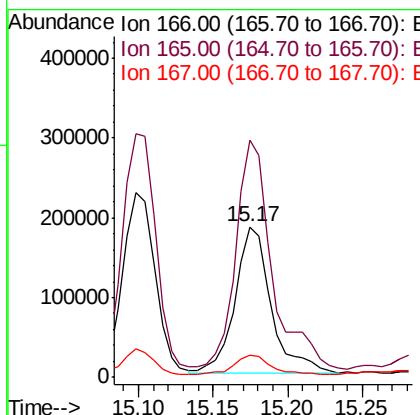
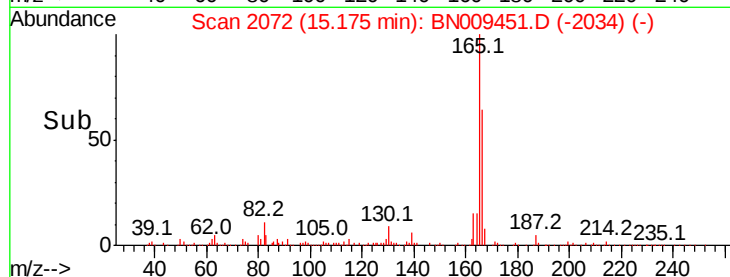
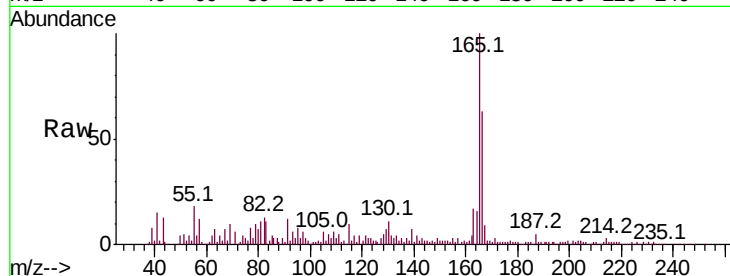
#58
 Fluorene
 Concen: 9.070 ng/ul
 RT: 15.17 min Scan# 2072
 Delta R.T. 0.02 min
 Lab File: BN009451.D
 Acq: 28 Jan 2020 15:13

Instrument :
 BNA_N
 ClientSampleId :
 GASP3

Tot Ion	Ratio	Lower	Upper
166	100		
165	157.8	76.5	114.7#
167	14.4	10.9	16.3

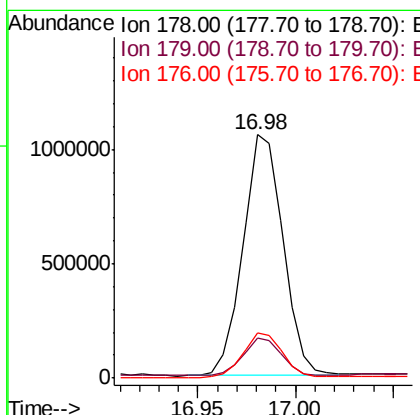
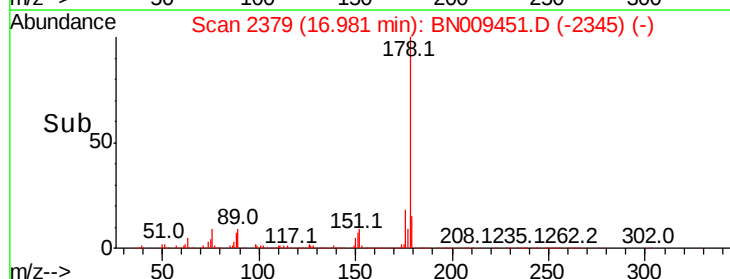
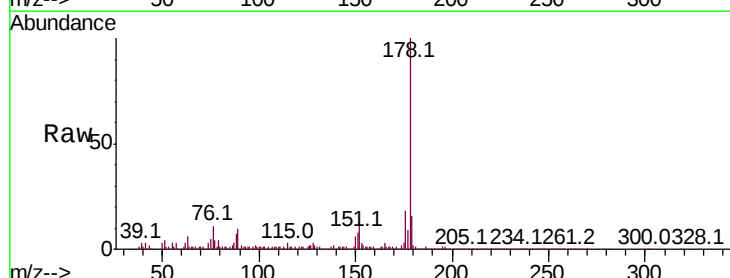
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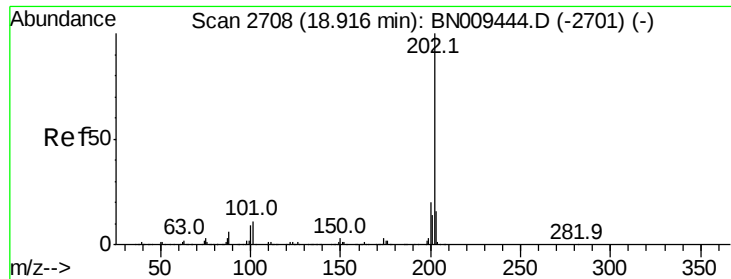
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#71
 Anthracene
 Concen: 29.015 ng/ul
 RT: 16.98 min Scan# 2379
 Delta R.T. -0.00 min
 Lab File: BN009451.D
 Acq: 28 Jan 2020 15:13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	11.8	17.6
176	18.3	14.6	22.0





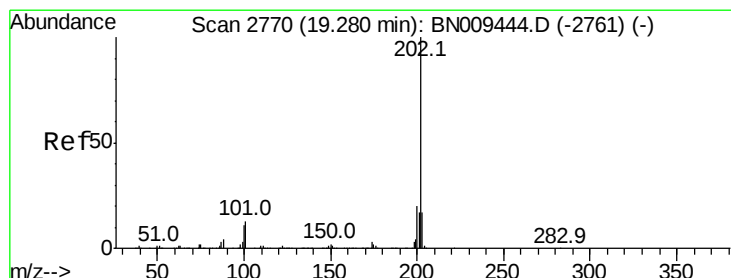
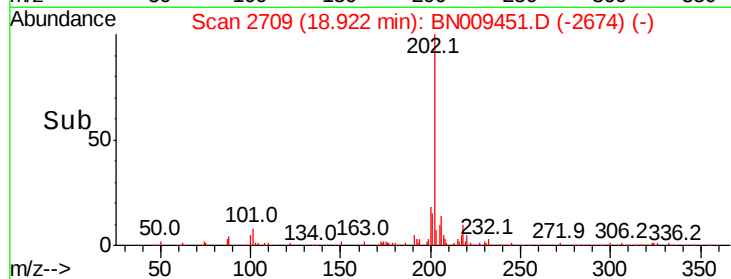
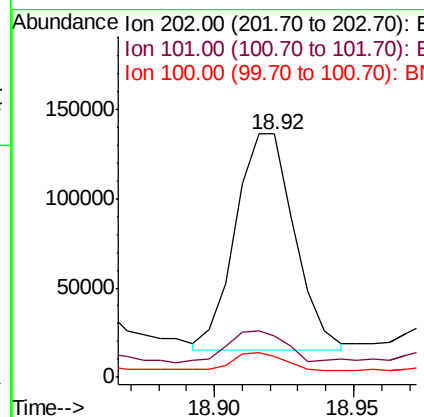
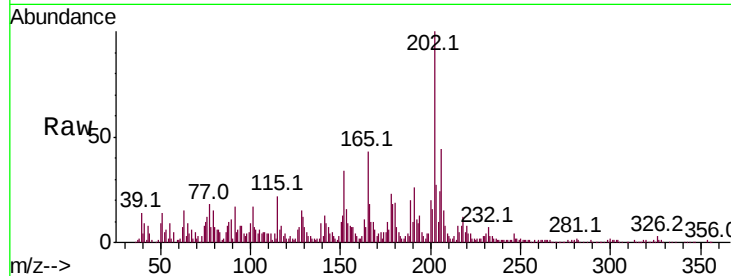
#76
Fluoranthene
Concen: 3.047 ng/ul m
RT: 18.92 min Scan# 2709
Delta R.T. 0.01 min
Lab File: BN009451.D
Acq: 28 Jan 2020 15:13

Instrument :
BNA_N
ClientSampleId :
GASP3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.9	9.7	14.5#
100	8.8	7.1	10.7

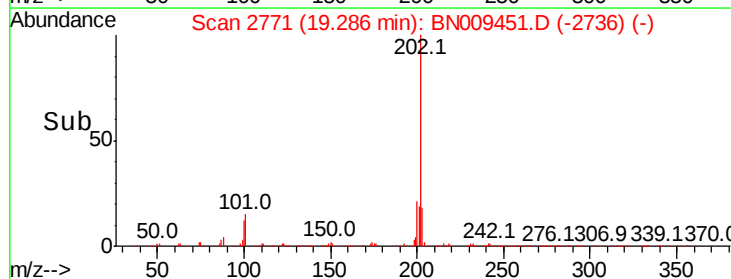
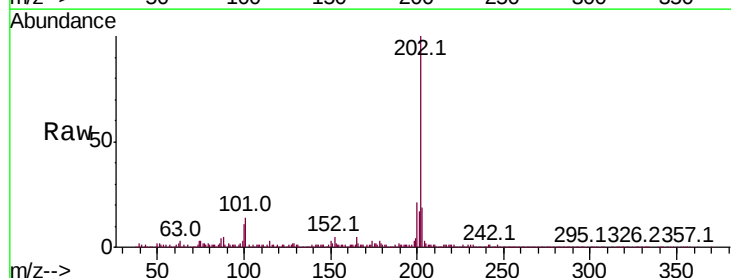
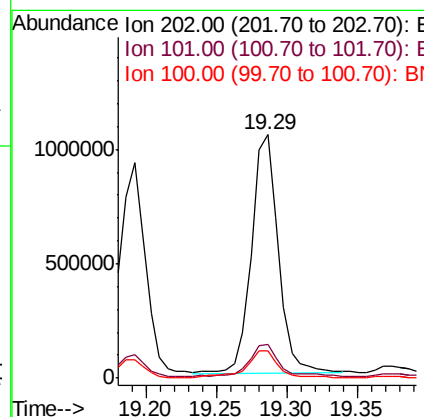
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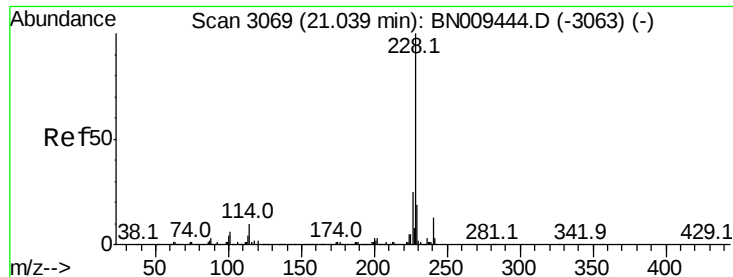
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#79
Pyrene
Concen: 24.638 ng/ul
RT: 19.29 min Scan# 2771
Delta R.T. 0.01 min
Lab File: BN009451.D
Acq: 28 Jan 2020 15:13

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	10.9	16.3
100	11.0	8.6	12.8





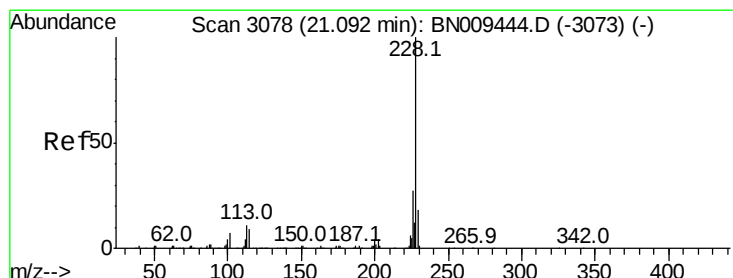
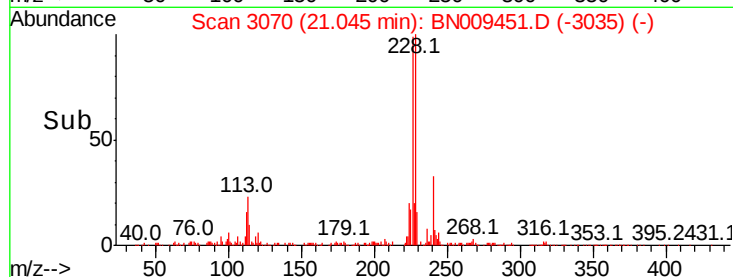
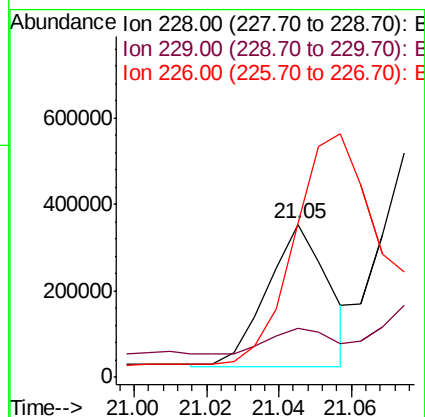
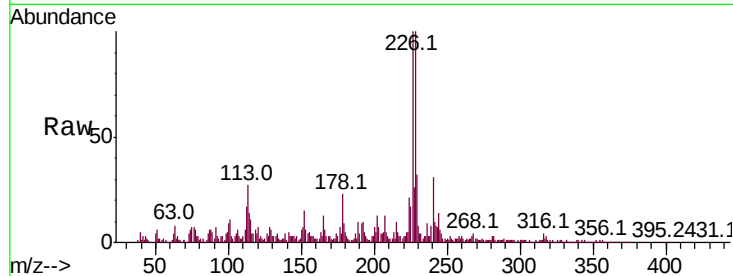
#82
Benzo(a)anthracene
Concen: 7.251 ng/ul
RT: 21.05 min Scan# 3070
Delta R.T. 0.01 min
Lab File: BN009451.D
Acq: 28 Jan 2020 15:13

Instrument :
BNA_N
ClientSampleId :
GASP3

Tot Ion	Ratio	Lower	Upper
228	100		
229	32.2	15.9	23.9#
226	100.4	20.9	31.3#

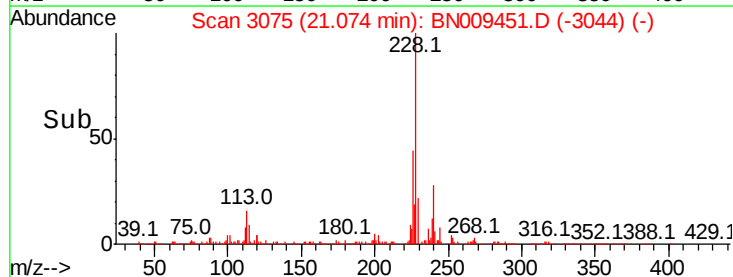
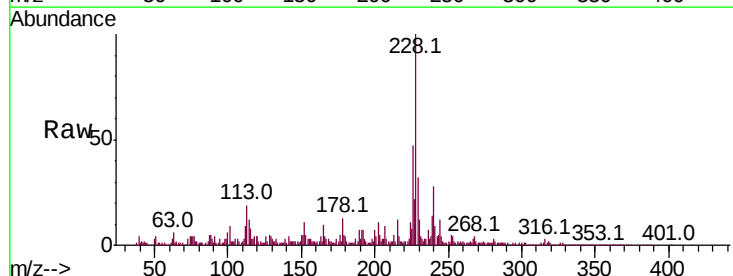
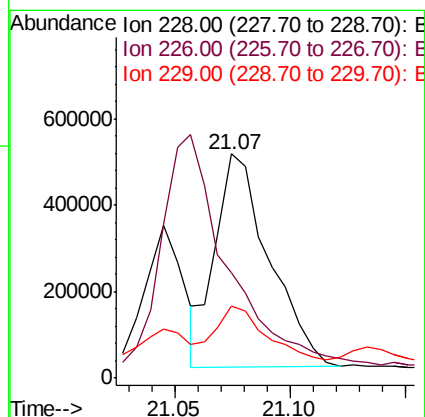
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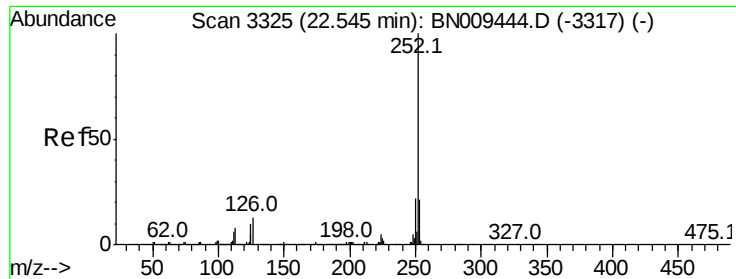
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#84
Chrysene
Concen: 15.480 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.02 min
Lab File: BN009451.D
Acq: 28 Jan 2020 15:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	46.8	22.9	34.3#
229	32.4	15.4	23.0#





#87

Benzo(b)fluoranthene

Concen: 35.532 ng/ul m

RT: 22.57 min Scan# 3329

Delta R.T. 0.02 min

Lab File: BN009451.D

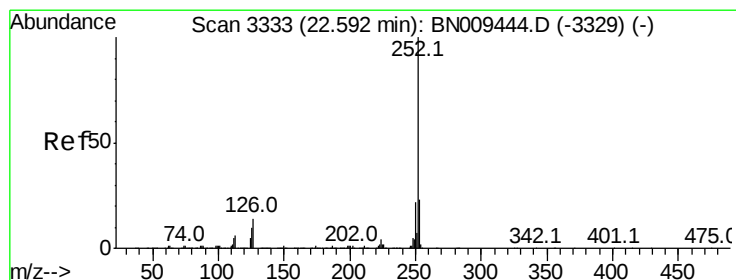
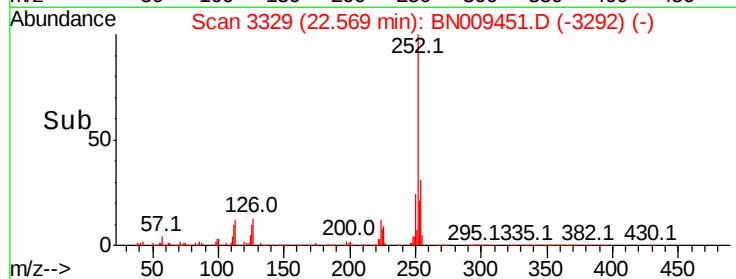
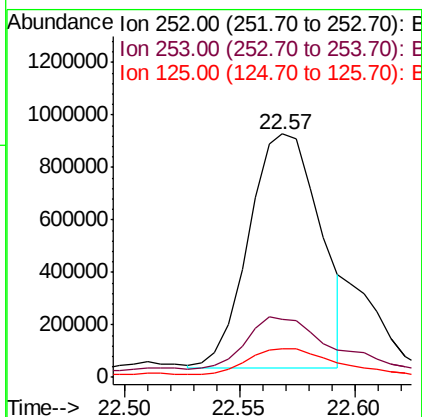
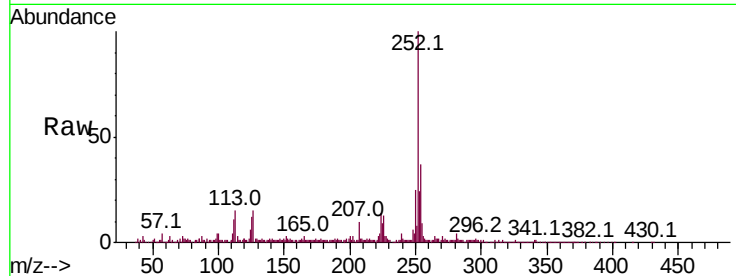
Acq: 28 Jan 2020 15:13

Instrument :
BNA_N
ClientSampleId :
GASP3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	16.5	24.7
125	11.7	8.2	12.2

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#88

Benzo(k)fluoranthene

Concen: 7.016 ng/ul m

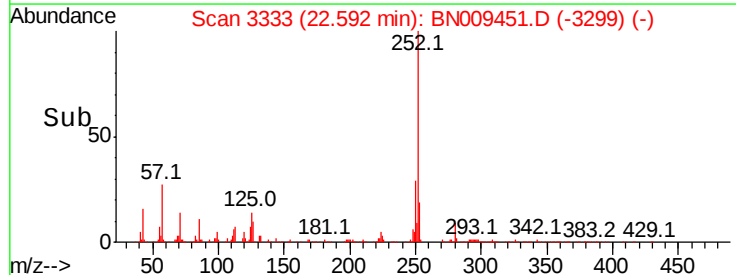
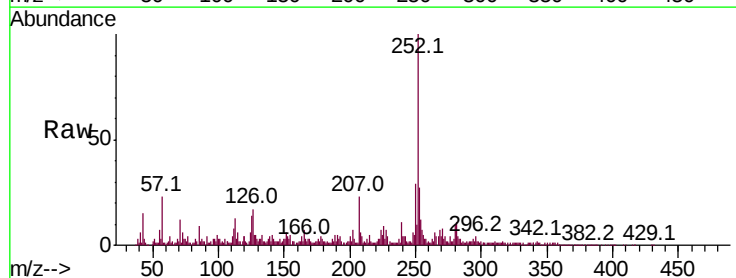
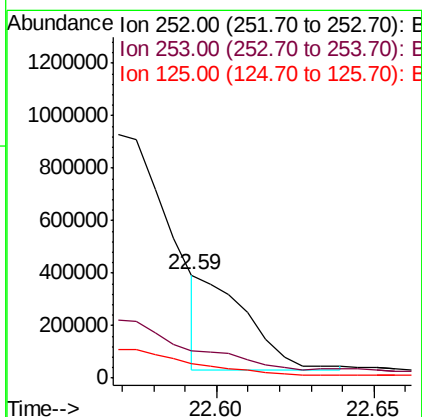
RT: 22.59 min Scan# 3333

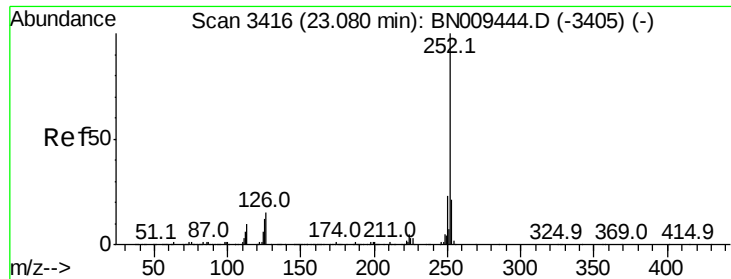
Delta R.T. -0.00 min

Lab File: BN009451.D

Acq: 28 Jan 2020 15:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.0	25.4#
125	14.5	7.8	11.8#





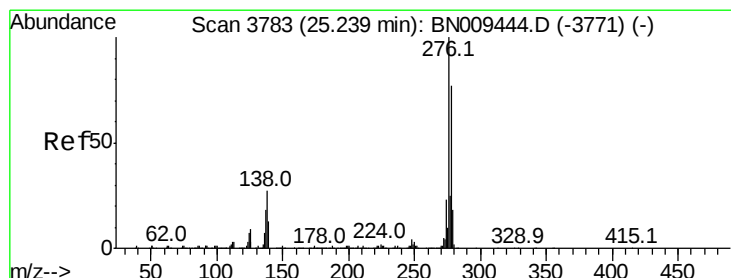
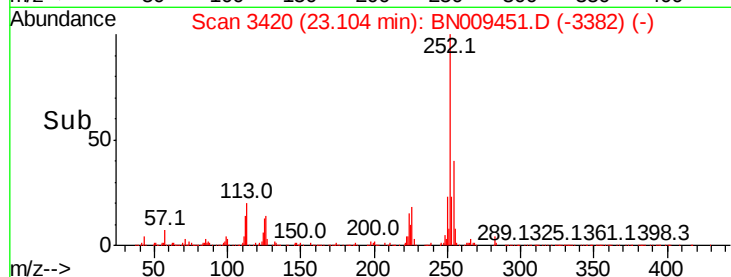
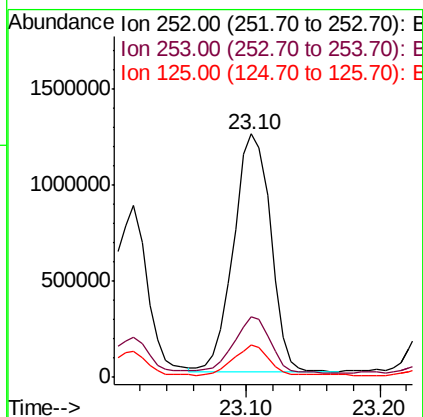
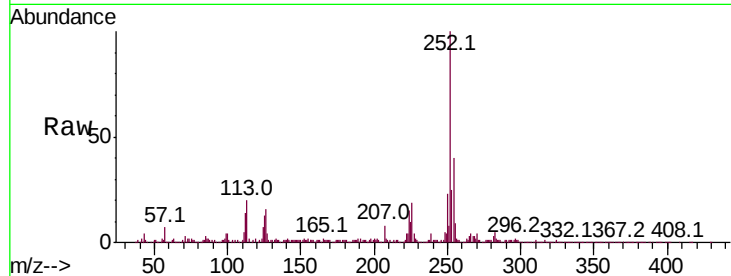
#90
Benzo(a)pyrene
Concen: 48.897 ng/ul
RT: 23.10 min Scan# 3420
Delta R.T. 0.02 min
Lab File: BN009451.D
Acq: 28 Jan 2020 15:13

Instrument :
BNA_N
ClientSampleId :
GASP3

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.0	27.0
125	13.1	9.8	14.6

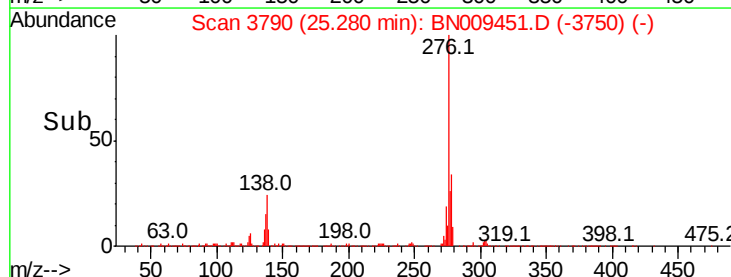
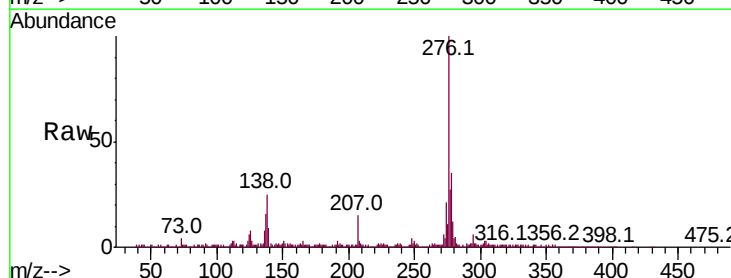
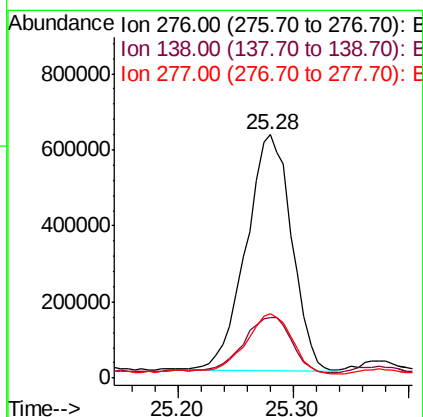
Manual Integrations
APPROVED

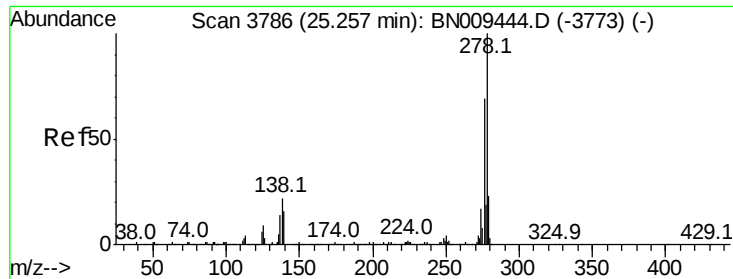
mohammad
1/30/2020 8:03:41 AM



#91
Indeno(1,2,3-cd)pyrene
Concen: 28.985 ng/ul
RT: 25.28 min Scan# 3790
Delta R.T. 0.04 min
Lab File: BN009451.D
Acq: 28 Jan 2020 15:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	21.4	32.0
277	26.6	20.4	30.6





#92

Dibenzo(a,h)anthracene

Concen: 14.196 ng/ul

RT: 25.29 min Scan# 3791

Delta R.T. 0.04 min

Lab File: BN009451.D

Acq: 28 Jan 2020 15:13

Instrument :

BNA_N

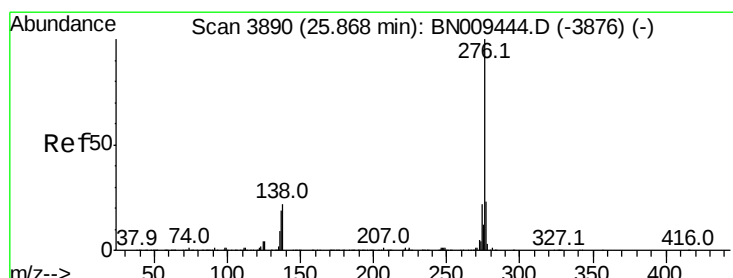
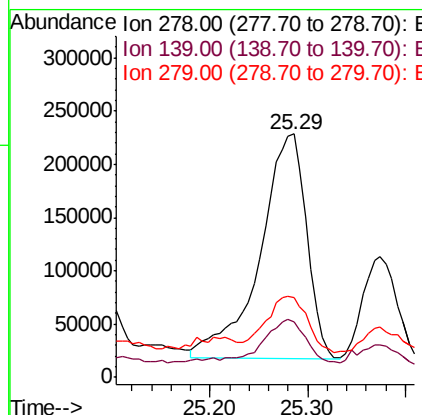
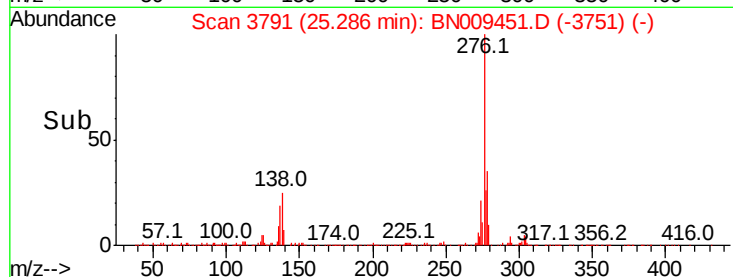
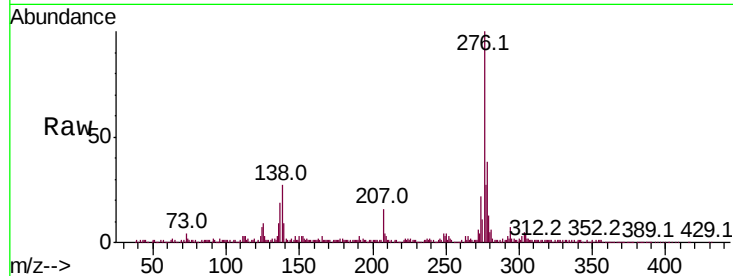
ClientSampled :

GASP3

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.7	13.9	20.9#
279	32.8	19.3	28.9#

Manual Integrations
APPROVED

mohammad
1/30/2020 8:03:41 AM



#93

Benzo(g,h,i)perylene

Concen: 28.730 ng/ul

RT: 25.92 min Scan# 3899

Delta R.T. 0.05 min

Lab File: BN009451.D

Acq: 28 Jan 2020 15:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	16.6	24.8
277	22.2	18.7	28.1

