

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012320\
 Data File : BN009424.D
 Acq On : 23 Jan 2020 14:12
 Operator : CG/JU
 Sample : L1118-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GASK1

Manual Integrations
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 1/24/2020 1:54:17 PM

Quant Time: Jan 23 14:50:27 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	139263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	605845	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.10	164	368525	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	756281	20.00	ng/ul	0.00
77) Chrysene-d12	21.06	240	695725	20.00	ng/ul	0.00
85) Perylene-d12	23.18	264	792585	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	8133	2.42	ng/uL	0.00
5) Phenol-d5	6.65	99	168280	13.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	129195	14.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	134637	14.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	137512	13.99	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	66176	15.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	68641	14.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	140331	15.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	157168	14.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.52	166	479435	17.58	ng/ul	0.00
46) Acenaphthylene-d8	13.78	160	564806	17.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	82726	16.30	ng/ul	0.00
57) Fluorene-d10	15.10	176	429957	17.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	67012m	14.63	ng/ul	0.00
70) Anthracene-d10	16.94	188	686359m	19.62	ng/ul	0.00
78) Pyrene-d10	19.25	212	726386	19.41	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.04	264	765226	19.13	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.68	94	39398	3.045	ng/ul 98
44) Dimethylphthalate	13.56	163	124260	4.425	ng/ul 99
47) Acenaphthylene	13.81	152	833293	23.852	ng/ul 99
71) Anthracene	16.98	178	240935	5.545	ng/ul# 93
76) Fluoranthene	18.92	202	149080m	3.048	ng/ul
79) Pyrene	19.28	202	450670	8.946	ng/ul 98
82) Benzo(a)anthracene	21.04	228	303512	6.406	ng/ul# 51
84) Chrysene	21.07	228	629050	13.630	ng/ul# 90
87) Benzo(b)fluoranthene	22.56	252	1129226	22.533	ng/ul 94
88) Benzo(k)fluoranthene	22.59	252	261414m	5.305	ng/ul
90) Benzo(a)pyrene	23.09	252	1401204	31.149	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.25	276	1166597m	21.400	ng/ul
92) Dibenzo(a,h)anthracene	25.25	278	267069m	5.807	ng/ul
93) Benzo(g,h,i)perylene	25.87	276	882841	19.470	ng/ul 97

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

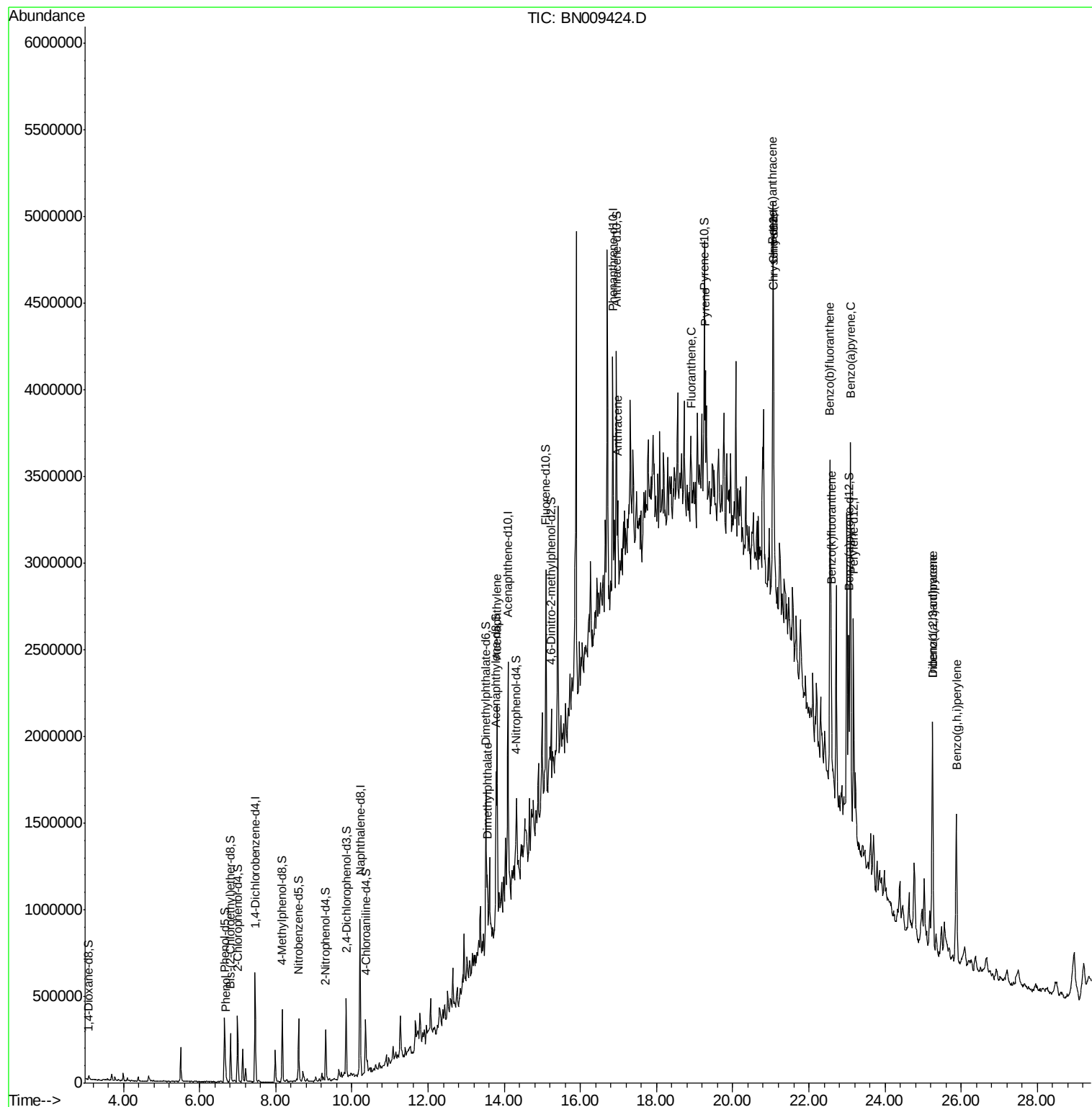
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012320\
Data File : BN009424.D
Acq On : 23 Jan 2020 14:12
Operator : CG/JU
Sample : L1118-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

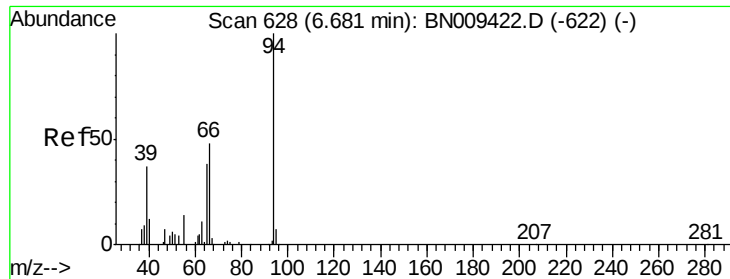
Instrument :
BNA_N
ClientSampleId :
GASK1

Quant Time: Jan 23 14:50:27 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: 3.045 ng/ul

RT: 6.68 min Scan# 628

Delta R.T. -0.00 min

Lab File: BN009424.D

Acq: 23 Jan 2020 14:12

Instrument :

BNA_N

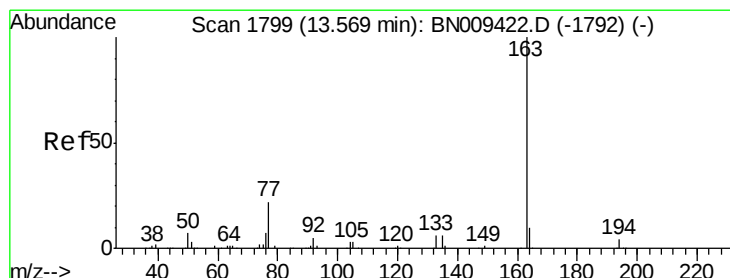
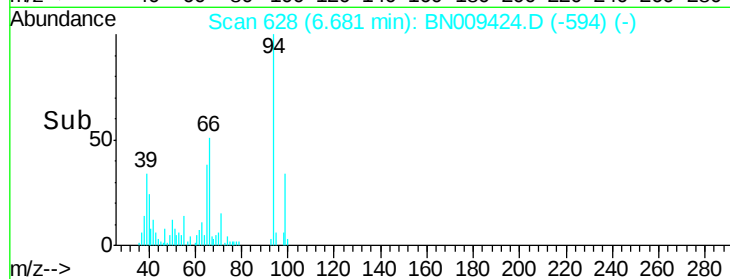
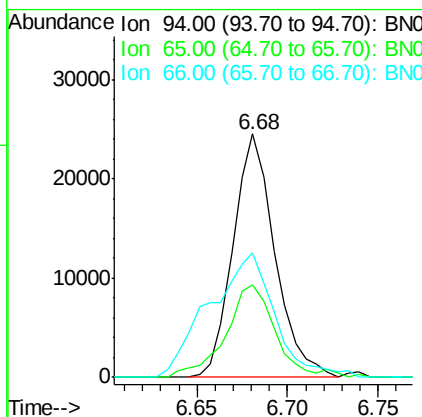
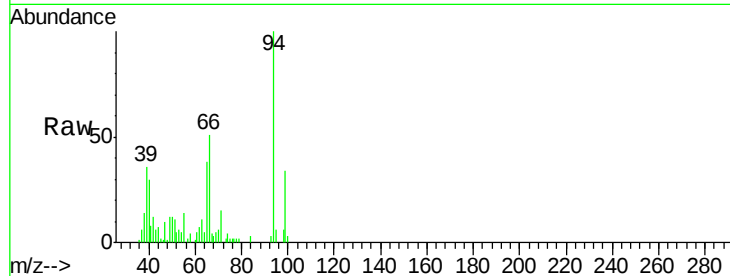
ClientSampleId :

GASK1

Tot Ion:	94	Resp:	39398
Ion	Ratio	Lower	Upper
94	100		
65	38.2	29.4	44.0
66	51.1	39.8	59.8

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#44

Dimethylphthalate

Concen: 4.425 ng/ul

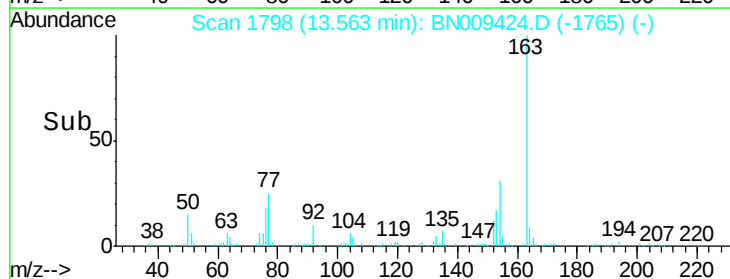
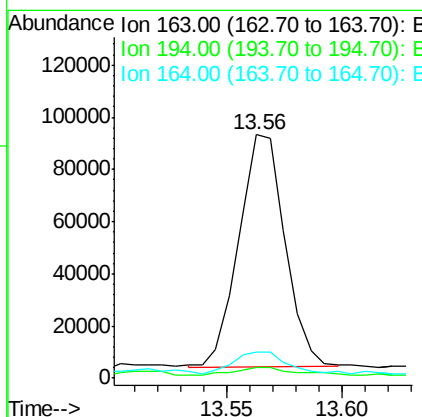
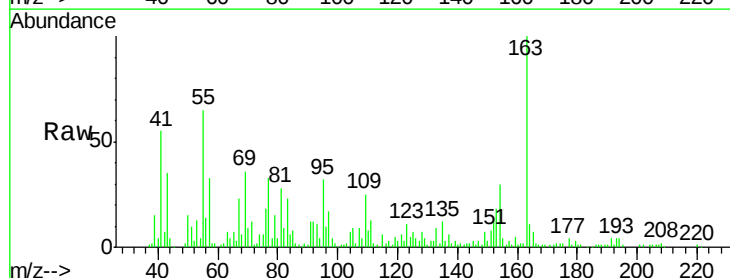
RT: 13.56 min Scan# 1798

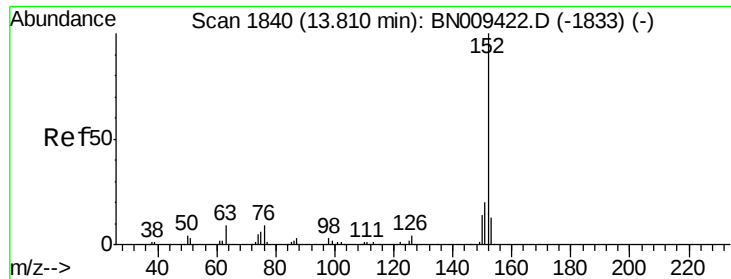
Delta R.T. -0.01 min

Lab File: BN009424.D

Acq: 23 Jan 2020 14:12

Tgt Ion:	163	Resp:	124260
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.1	4.7
164	10.8	8.3	12.5





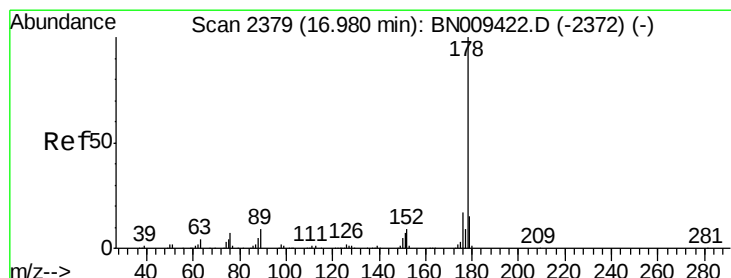
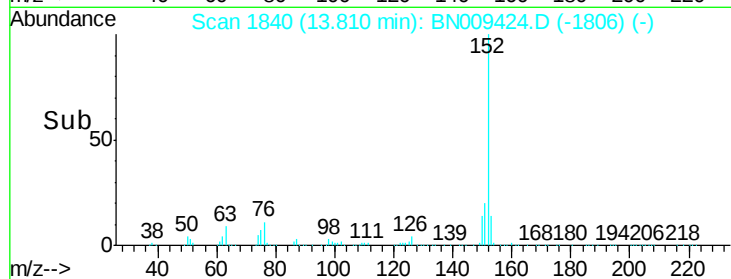
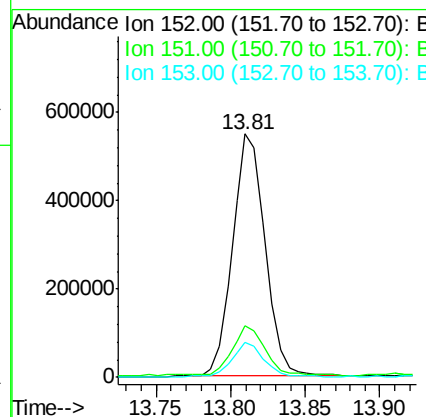
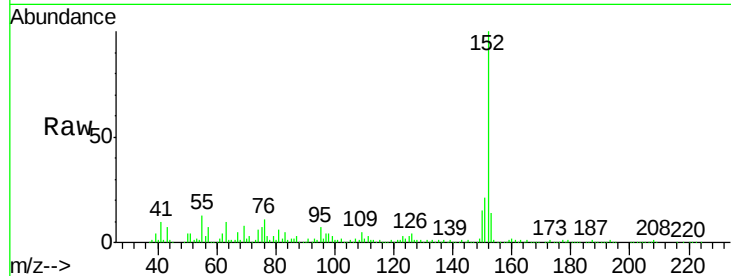
#47
Acenaphthylene
Concen: 23.852 ng/ul
RT: 13.81 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BN009424.D
Acq: 23 Jan 2020 14:12

Instrument :
BNA_N
ClientSampleId :
GASK1

Tot Ion	Ratio	Resp	Lower	Upper
152	100	833293		
151	21.0		16.2	24.4
153	14.1		10.8	16.2

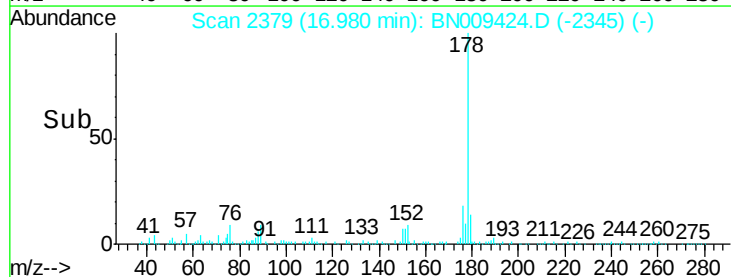
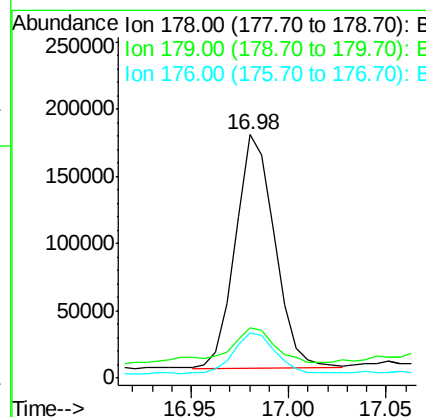
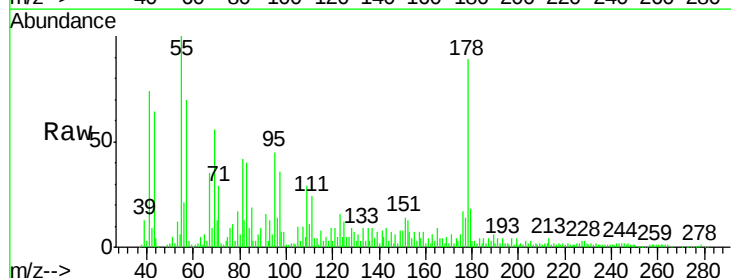
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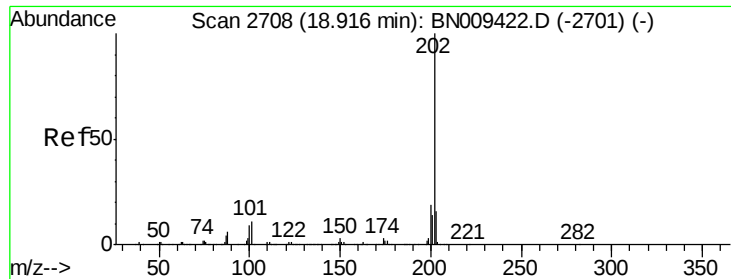
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#71
Anthracene
Concen: 5.545 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BN009424.D
Acq: 23 Jan 2020 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	240935		
179	20.6		11.8	17.6#
176	18.8		14.6	22.0





#76

Fluoranthene

Concen: 3.048 ng/ul m

RT: 18.92 min Scan# 2708

Delta R.T. -0.00 min

Lab File: BN009424.D

Acq: 23 Jan 2020 14:12

Instrument :

BNA_N

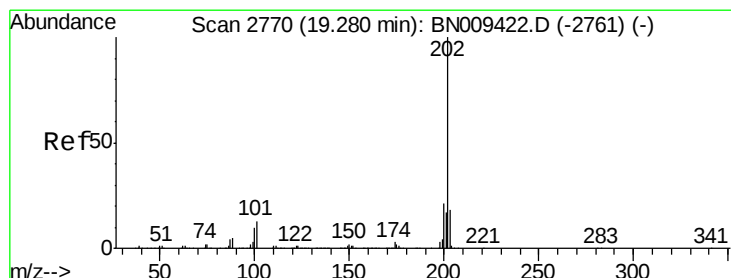
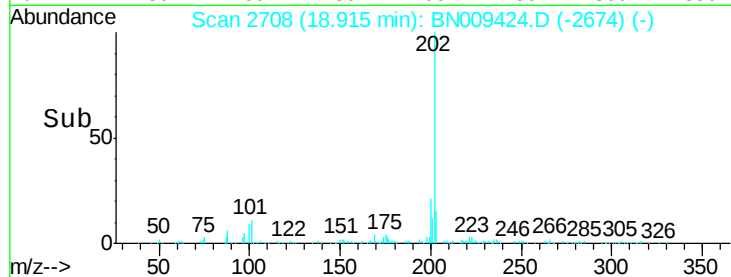
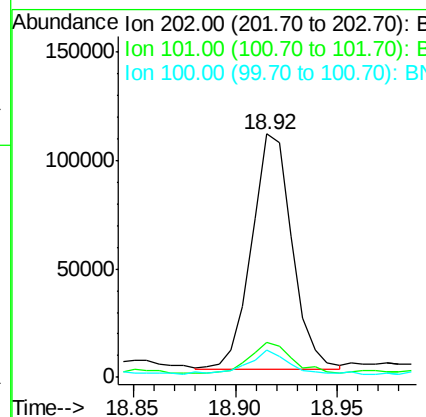
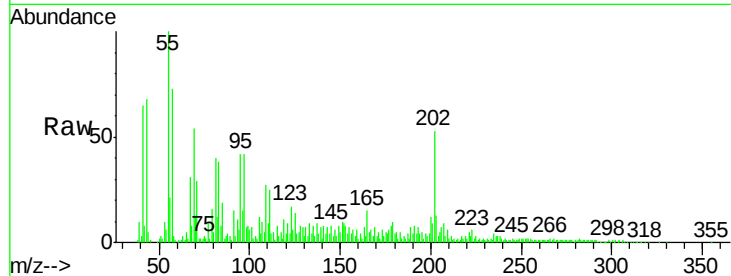
ClientSampleId :

GASK1

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	14.1	9.7	14.5	
100	11.1	7.1	10.7	

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#79

Pyrene

Concen: 8.946 ng/ul

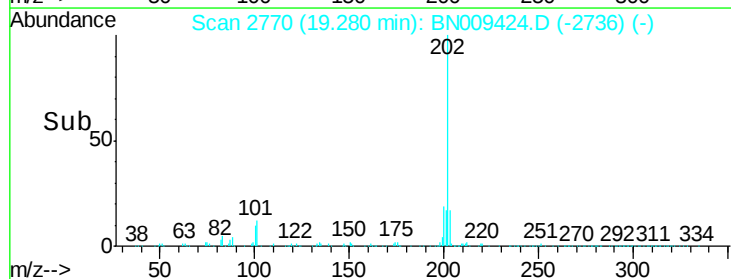
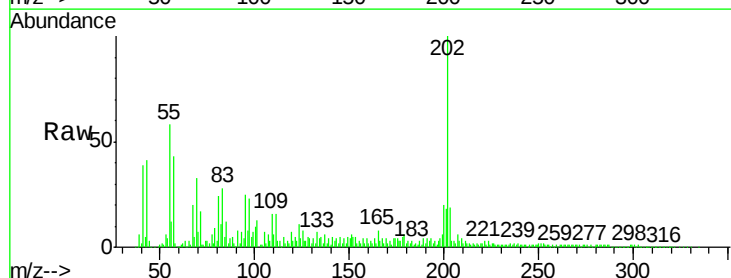
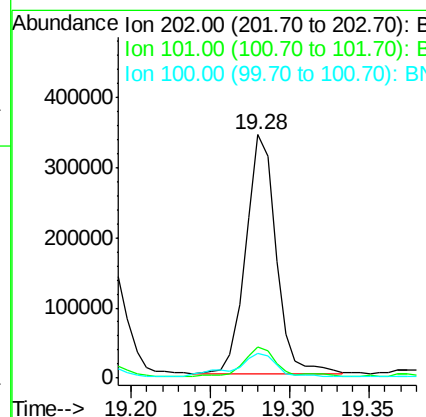
RT: 19.28 min Scan# 2770

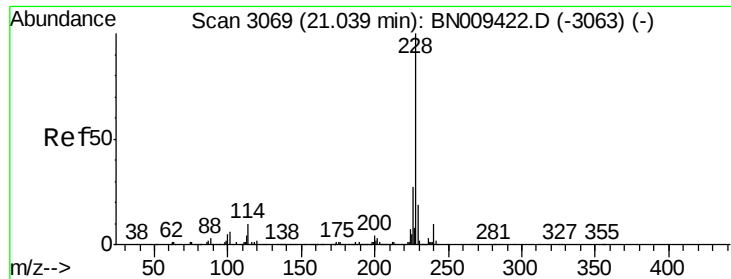
Delta R.T. -0.00 min

Lab File: BN009424.D

Acq: 23 Jan 2020 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.7	10.9	16.3	
100	10.3	8.6	12.8	





#82

Benzo(a)anthracene

Concen: 6.406 ng/ul

RT: 21.04 min Scan# 3070

Delta R.T. 0.01 min

Lab File: BN009424.D

Acq: 23 Jan 2020 14:12

Instrument :

BNA_N

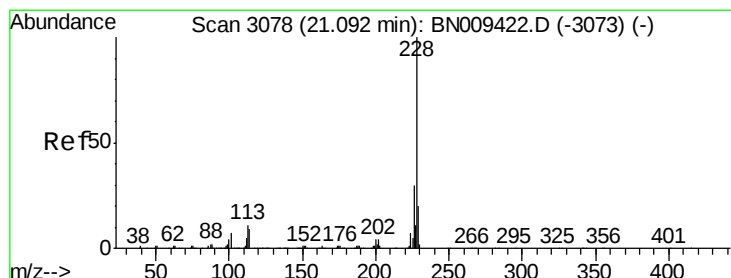
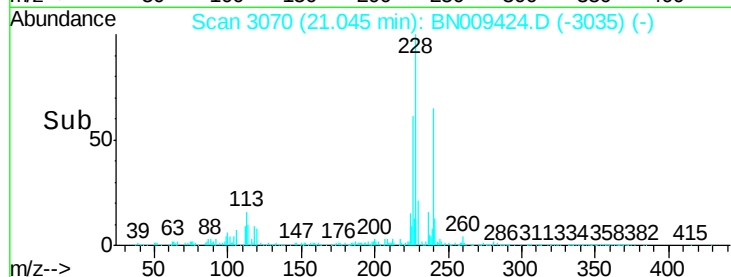
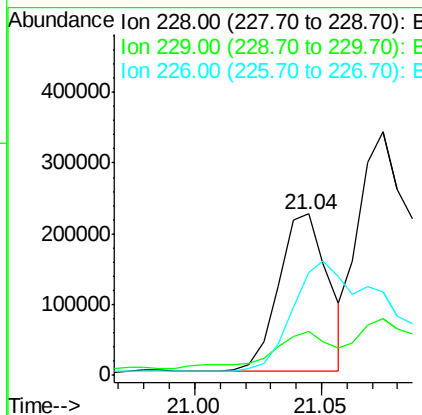
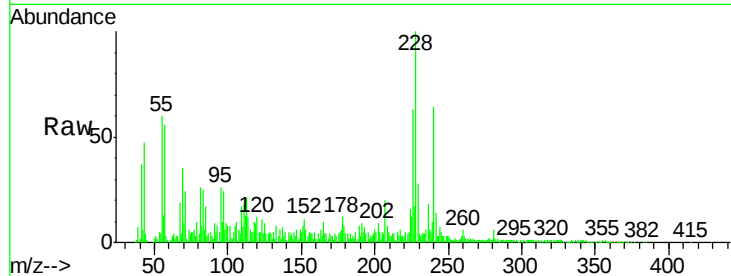
ClientSampleId :

GASK1

Tot Ion:	228	Resp:	303512
Ion Ratio	Lower	Upper	
228	100		
229	27.6	15.9	23.9#
226	63.4	20.9	31.3#

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#84

Chrysene

Concen: 13.630 ng/ul

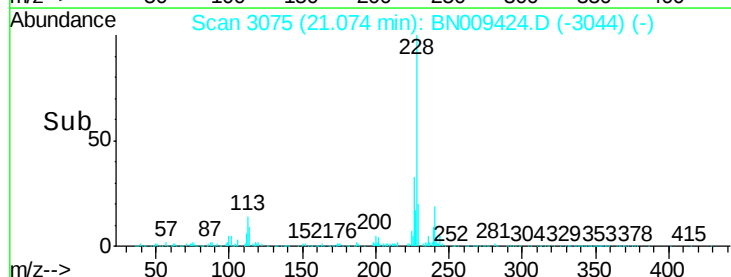
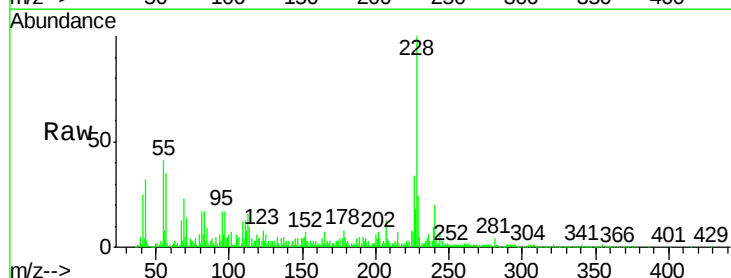
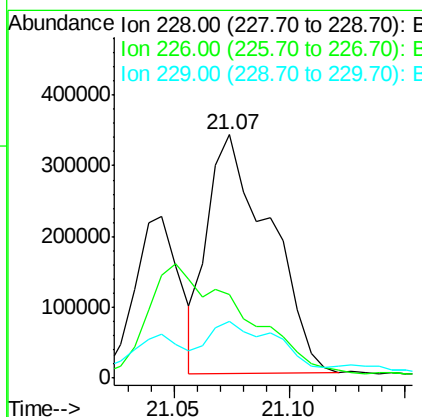
RT: 21.07 min Scan# 3075

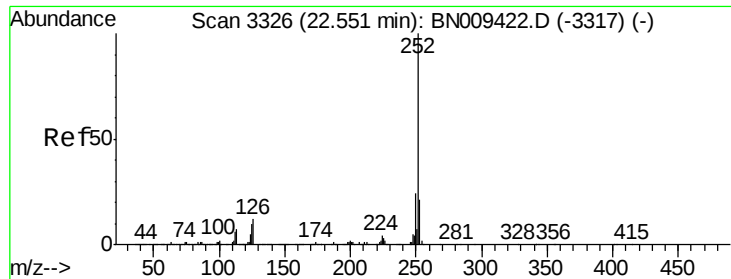
Delta R.T. -0.02 min

Lab File: BN009424.D

Acq: 23 Jan 2020 14:12

Tgt Ion:	228	Resp:	629050
Ion Ratio	Lower	Upper	
228	100		
226	34.4	22.9	34.3#
229	23.5	15.4	23.0#





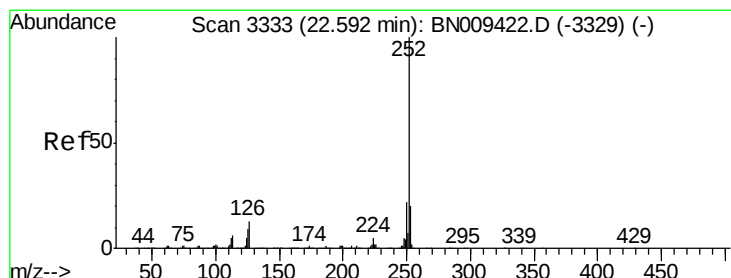
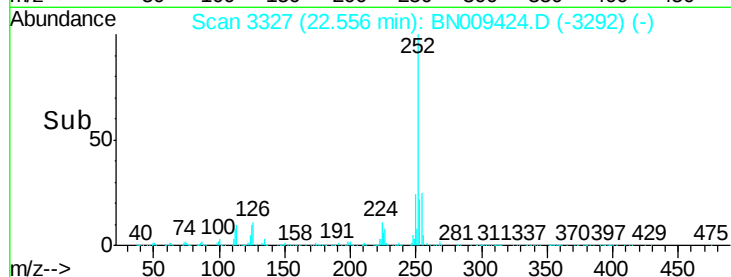
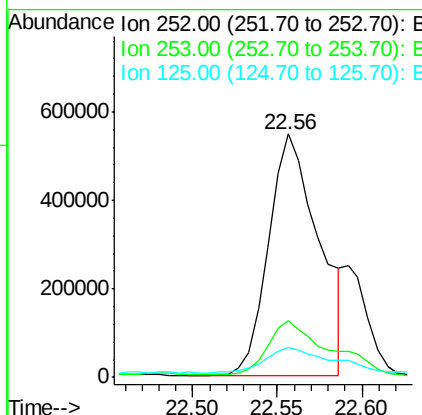
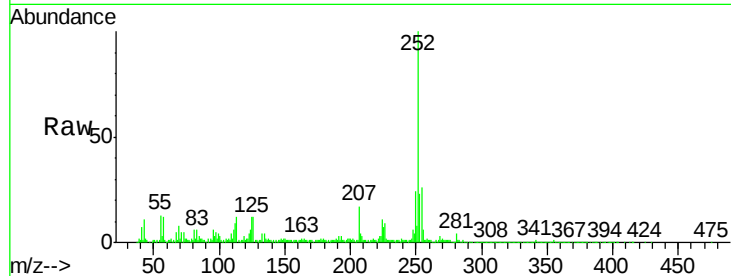
#87
Benzo(b)fluoranthene
Concen: 22.533 ng/ul
RT: 22.56 min Scan# 3327
Delta R.T. 0.01 min
Lab File: BN009424.D
Acq: 23 Jan 2020 14:12

Instrument :
BNA_N
ClientSampleId :
GASK1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	16.5	24.7
125	12.0	8.2	12.2

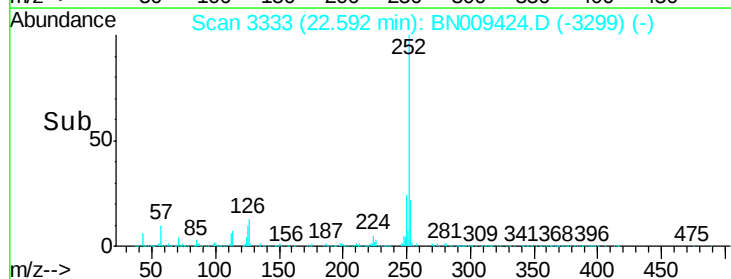
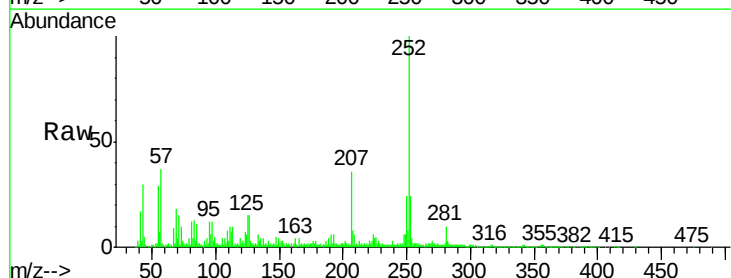
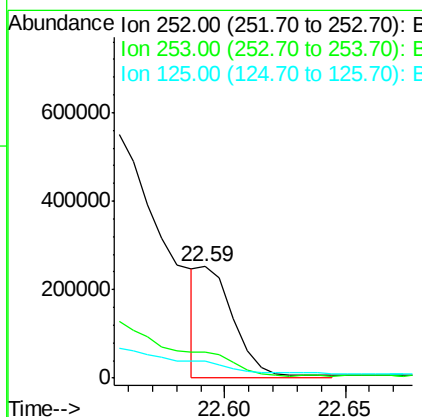
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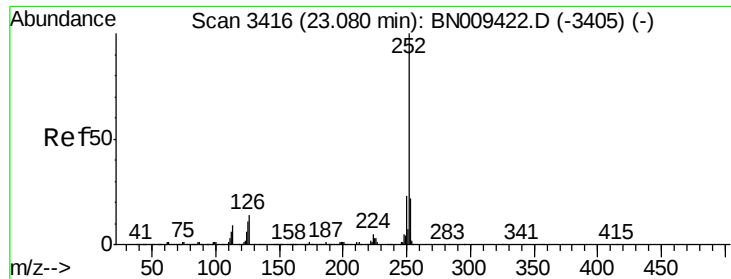
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#88
Benzo(k)fluoranthene
Concen: 5.305 ng/ul m
RT: 22.59 min Scan# 3333
Delta R.T. -0.00 min
Lab File: BN009424.D
Acq: 23 Jan 2020 14:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.4
125	14.8	7.8	11.8#





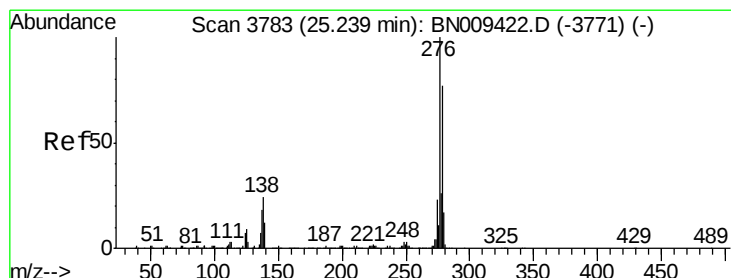
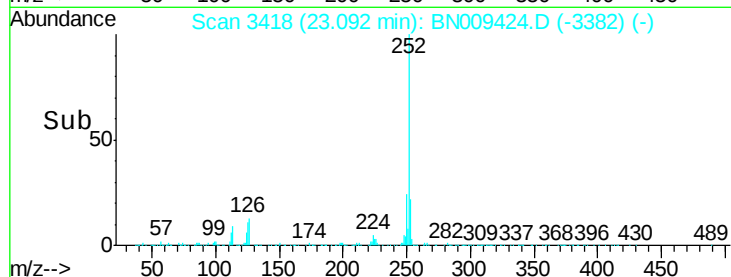
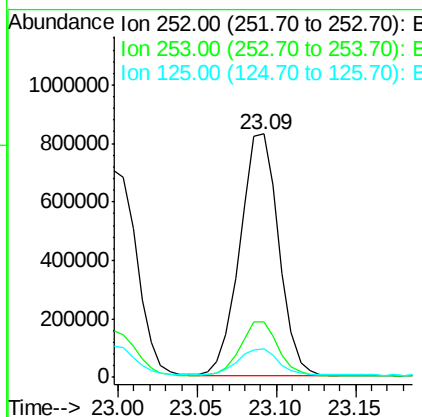
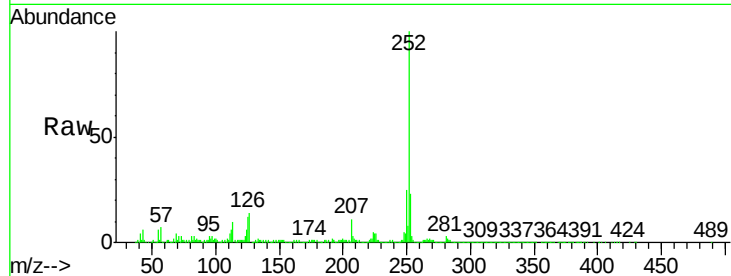
#90
Benzo(a)pyrene
Concen: 31.149 ng/ul
RT: 23.09 min Scan# 3418
Delta R.T. 0.01 min
Lab File: BN009424.D
Acq: 23 Jan 2020 14:12

Instrument :
BNA_N
ClientSampled :
GASK1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	12.0	9.8	14.6

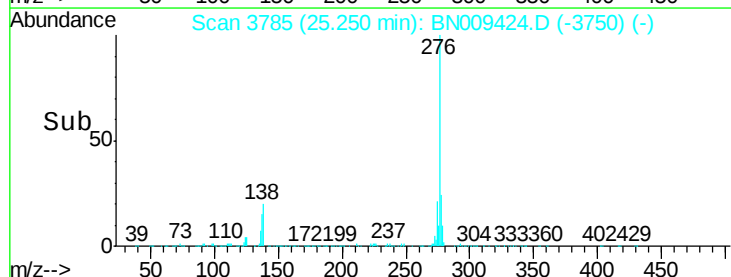
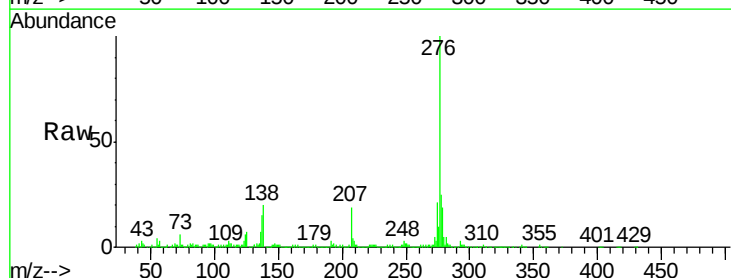
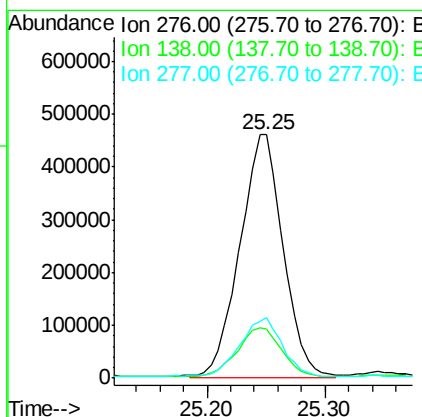
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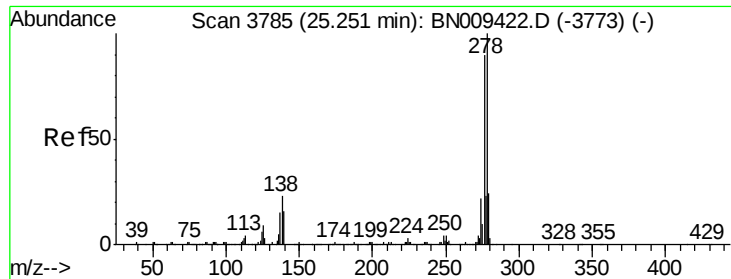
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#91
Indeno(1,2,3-cd)pyrene
Concen: 21.400 ng/ul m
RT: 25.25 min Scan# 3785
Delta R.T. 0.01 min
Lab File: BN009424.D
Acq: 23 Jan 2020 14:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	21.4	32.0#
277	24.7	20.4	30.6





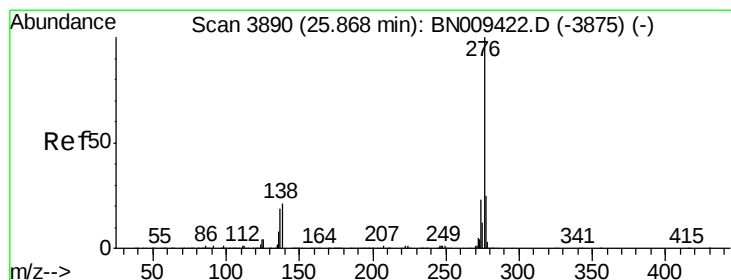
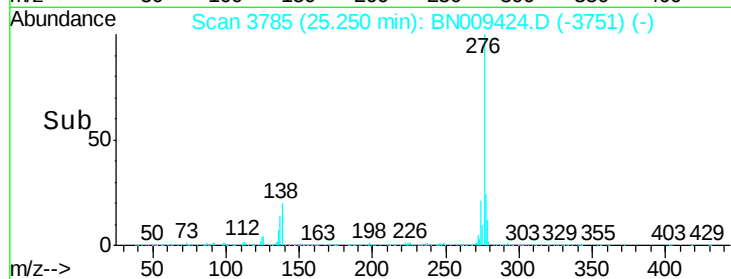
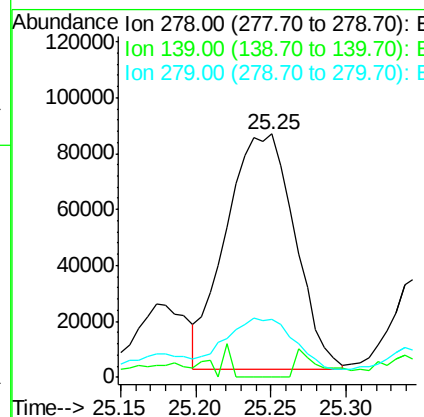
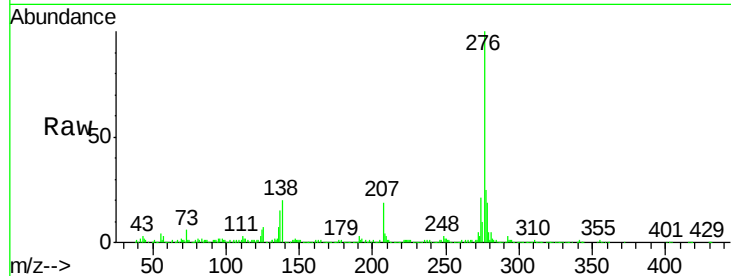
#92
Dibenzo(a,h)anthracene
Concen: 5.807 ng/ul m
RT: 25.25 min Scan# 3785
Delta R.T. -0.00 min
Lab File: BN009424.D
Acq: 23 Jan 2020 14:12

Instrument :
BNA_N
ClientSampled :
GASK1

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	24.0	19.3	28.9

Manual Integrations
APPROVED

mohammad
1/24/2020 1:54:17 PM



#93
Benzo(g,h,i)perylene
Concen: 19.470 ng/ul
RT: 25.87 min Scan# 3891
Delta R.T. -0.00 min
Lab File: BN009424.D
Acq: 23 Jan 2020 14:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.6	24.8
277	21.5	18.7	28.1

