

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
 Data File : BG048240.D
 Acq On : 20 Feb 2021 17:23
 Operator : CG/JU
 Sample : M1412-24
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGZ9

Manual Integrations
 APPROVED

mohammad
 2/22/2021 2:09:08 PM

Quant Time: Feb 21 07:42:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Feb 21 00:21:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	66563	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	261608	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	180956	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	397810	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	544888	20.00	ng/ul	0.02
86) Perylene-d12	25.12	264	387022	20.00	ng/ul	0.08

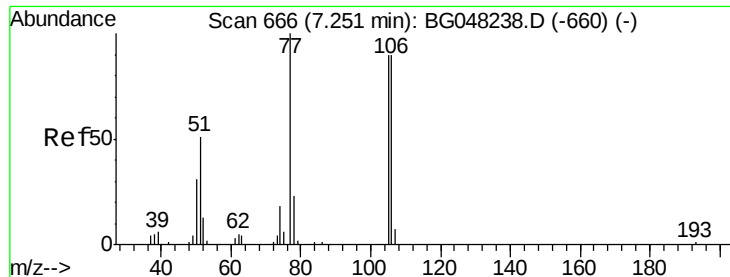
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	4716	2.95	ng/uL	0.00
5) Phenol-d5	7.30	99	140414	25.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	79597	23.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	98126	24.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	108798	24.73	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	49213	25.19	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	60610	25.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	114281	24.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	30243	6.61	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	318848	23.79	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	402875	24.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	51928	22.80	ng/ul	0.00
58) Fluorene-d10	15.73	176	285540	23.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	53880	22.09	ng/ul	0.00
71) Anthracene-d10	17.59	188	439566	25.77	ng/ul	0.00
79) Pyrene-d10	19.87	212	479631	17.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.89	264	496820	25.16	ng/ul	0.07

Target Compounds

				Ovalue	
4) Benzaldehyde	7.25	77	14095	4.275	ng/ul 94
45) Dimethylphthalate	14.19	163	19800	1.429	ng/ul# 82
83) Benzo(a)anthracene	21.77	228	121452m	3.568	ng/ul
85) Chrysene	21.81	228	170840m	5.251	ng/ul

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



#4

Benzaldehyde

Concen: 4.275 ng/ul

RT: 7.25 min Scan# 666

Delta R.T. 0.00 min

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BNA_G

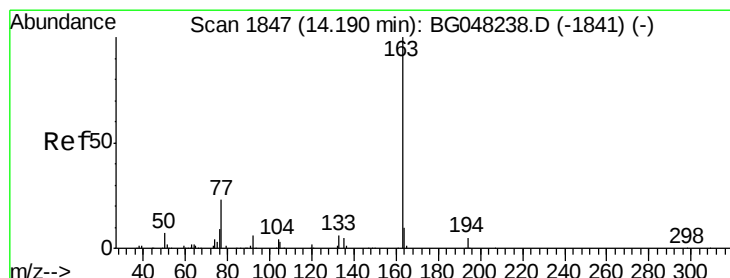
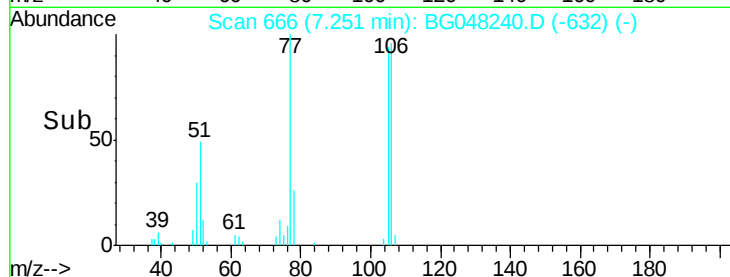
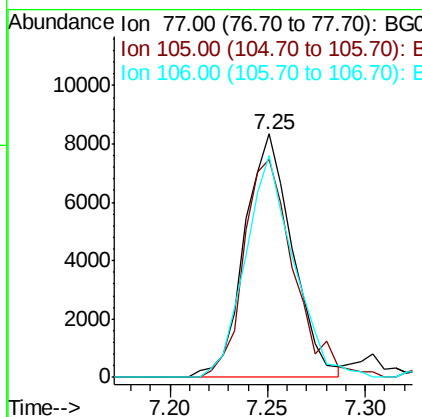
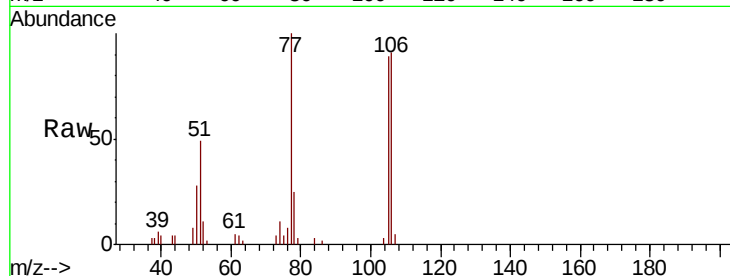
ClientSampleId :

DBGZ9

Tot Ion:	77	Resp:	14095
Ion	Ratio	Lower	Upper
77	100		
105	89.5	70.6	105.8
106	91.0	64.4	96.6

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#45

Dimethylphthalate

Concen: 1.429 ng/ul

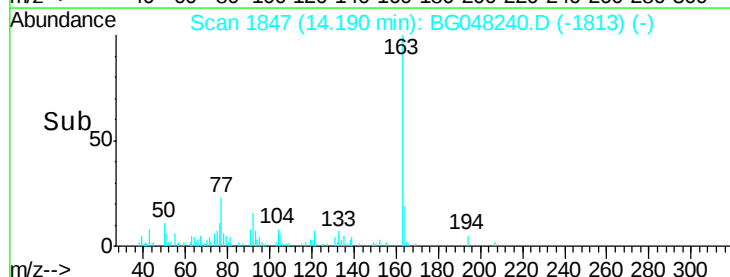
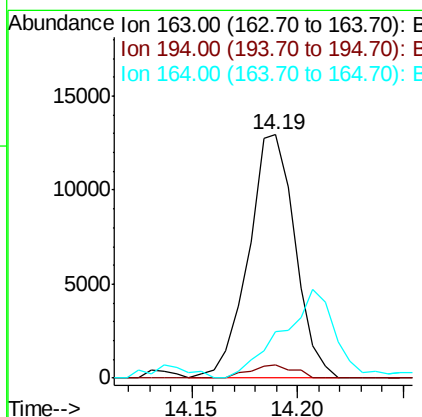
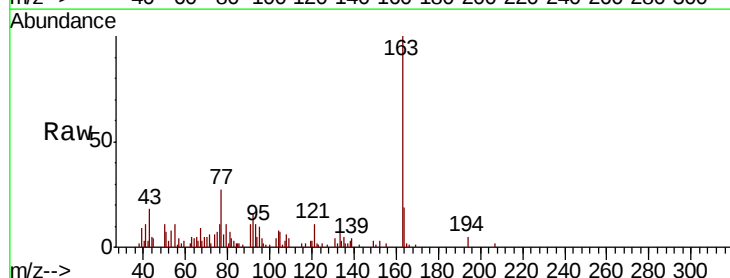
RT: 14.19 min Scan# 1847

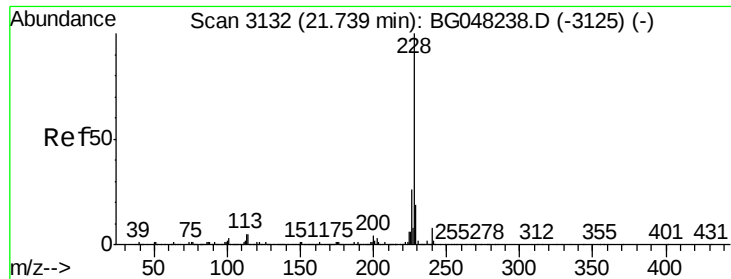
Delta R.T. 0.00 min

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Tgt Ion:	163	Resp:	19800
Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.3	4.9#
164	19.1	8.3	12.5#





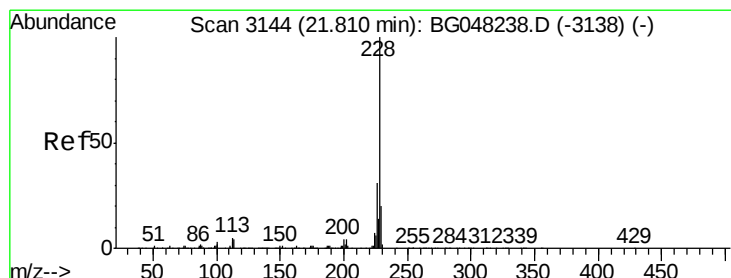
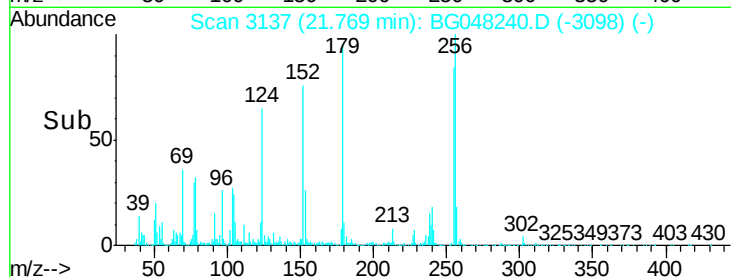
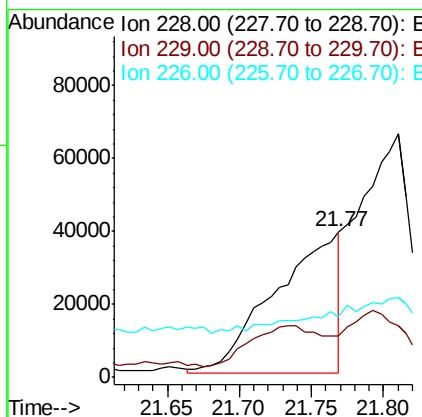
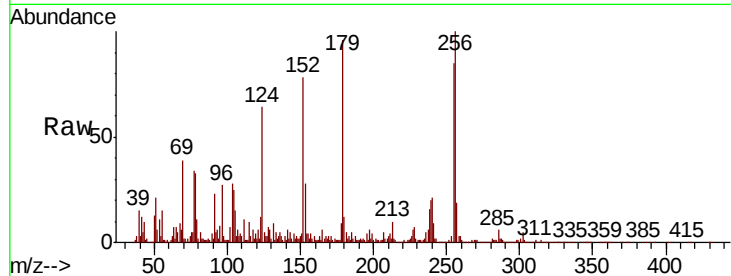
#83
Benzo(a)anthracene
Concen: 3.568 ng/ul m
RT: 21.77 min Scan# 3137
Delta R.T. 0.03 min
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Tot Ion	Ratio	Lower	Upper
228	100		
229	28.1	17.2	25.8#
226	42.1	22.3	33.5#

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#85
Chrysene
Concen: 5.251 ng/ul m
RT: 21.81 min Scan# 3144
Delta R.T. 0.01 min
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	23.8	35.6
229	21.1	15.4	23.0

