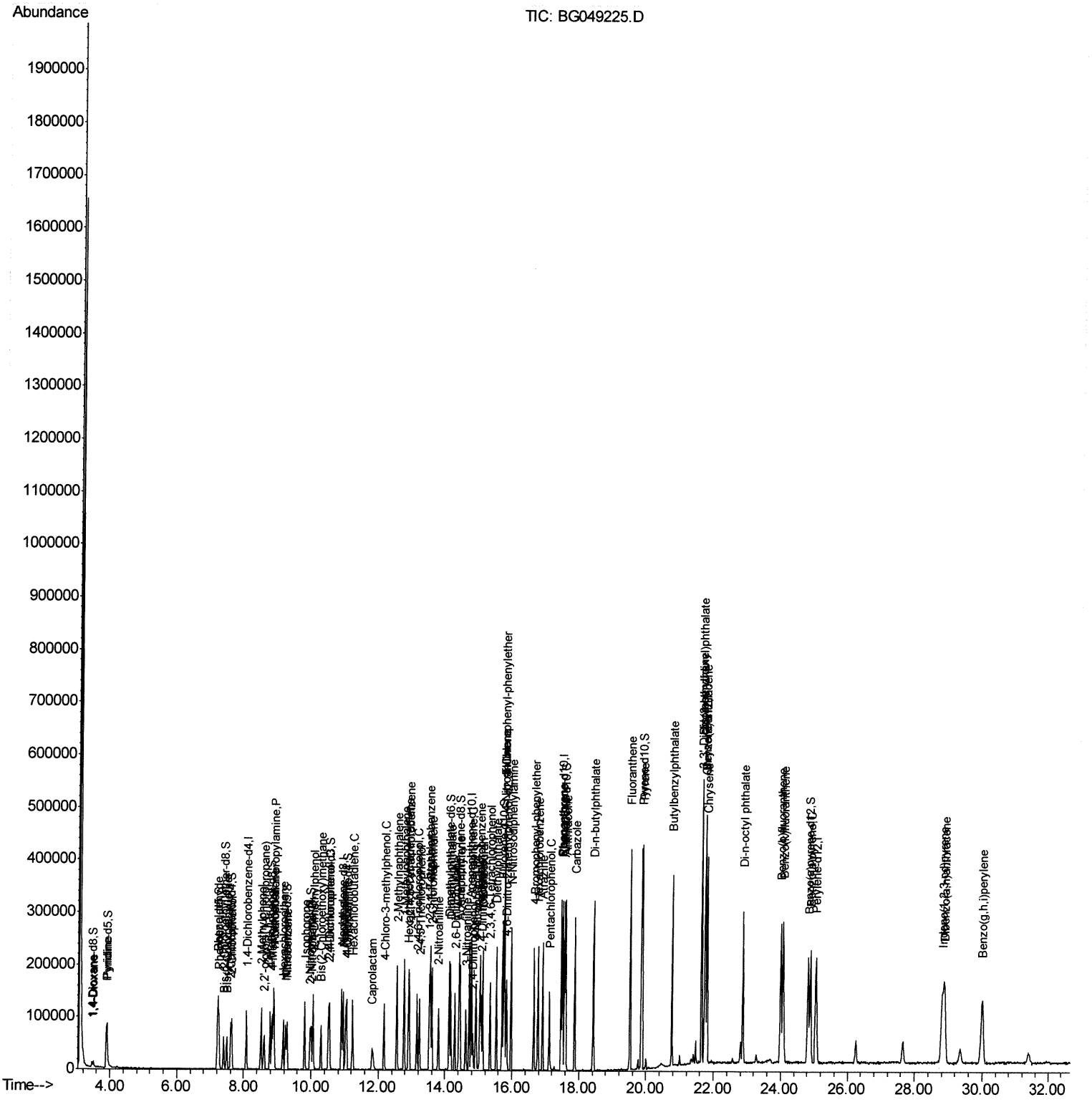
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049225.D
Acq On : 8 Jul 2021 21:06
Operator : CG/JU
Sample : SSTD02005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 09 02:52:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020303

Manual Integrations APPROVED
mohammad
7/9/2021 2:46:55 PM

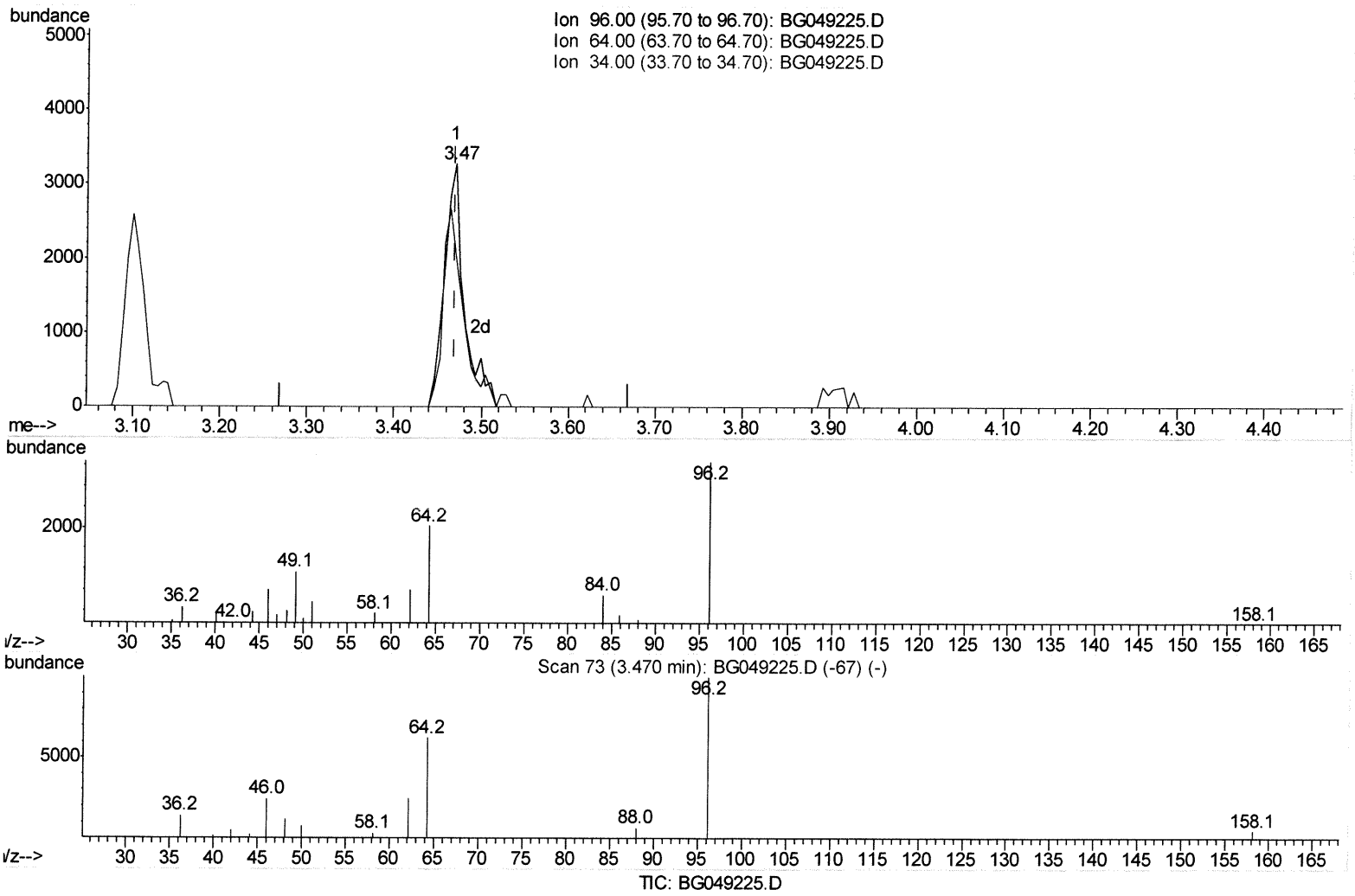


Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049225.D
Acq On : 8 Jul 2021 21:06
Operator : CG/JU
Sample : SSTD02005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 09 02:36:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020303

Manual Integrations APPROVED
mohammad
7/9/2021 2:46:55 PM



TIC: BG049225.D

(3) 1,4-Dioxane-d8 (S)

3.470min (0.000) 6.95ng/uL

response 4719

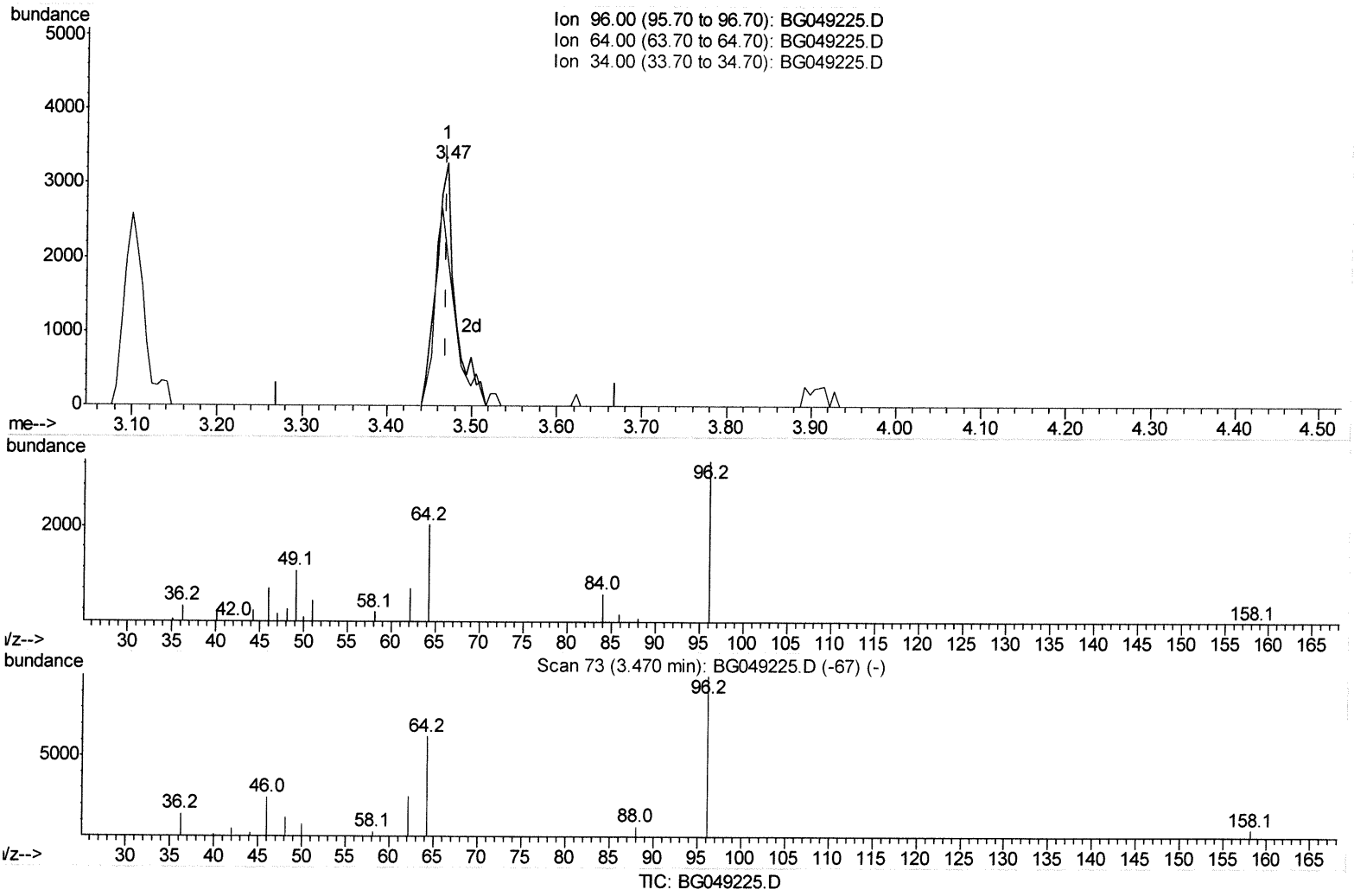
Ion	Exp%	Act%
96.00	100	100
64.00	62.20	62.16
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049225.D
Acq On : 8 Jul 2021 21:06
Operator : CG/JU
Sample : SSTD02005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 09 02:36:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020303

Manual Integrations APPROVED
mohammad
7/9/2021 2:46:55 PM



TIC: BG049225.D

(3) 1,4-Dioxane-d8 (S)

3.470min (0.000) 7.60ng/uL m 07/12/21 JU

response 5165

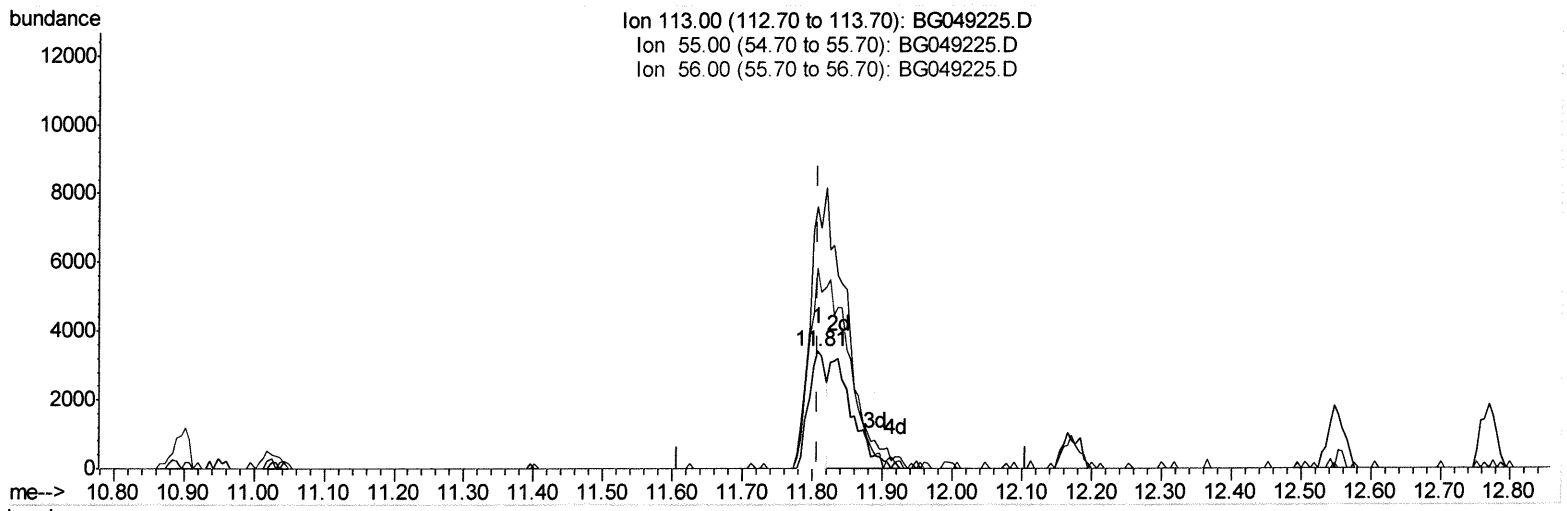
Ion	Exp%	Act%
96.00	100	100
64.00	62.20	62.16
34.00	0.00	0.00
0.00	0.00	0.00

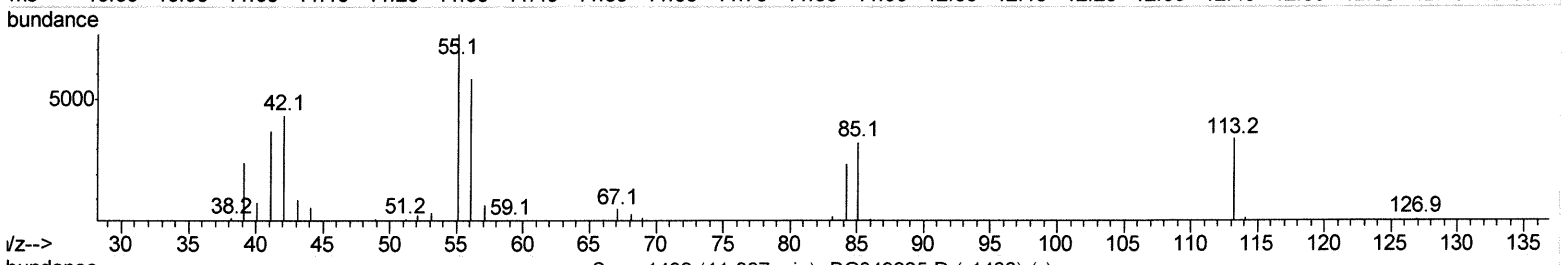
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049225.D
Acq On : 8 Jul 2021 21:06
Operator : CG/JU
Sample : SSTD02005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 09 02:36:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

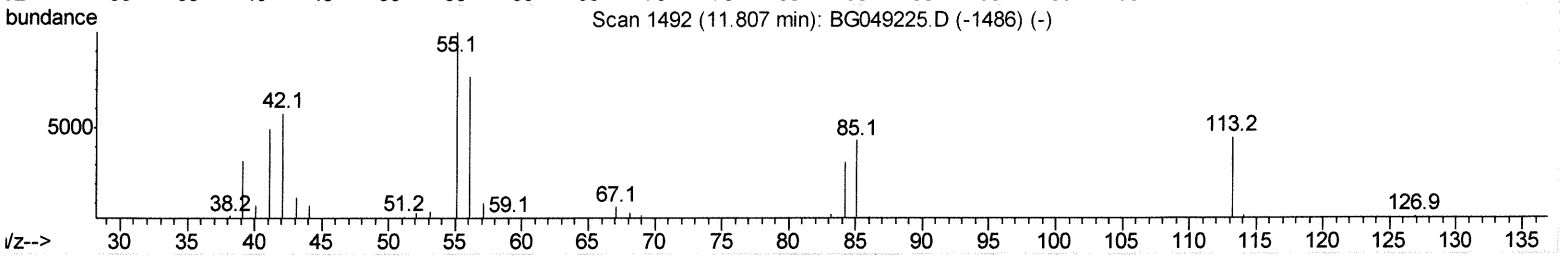
Instrument :
BNA_G
ClientSampleId :
SSTD020303

Manual Integrations APPROVED
mohammad
7/9/2021 2:46:55 PM





Scan 1492 (11.807 min): BG049225.D (-1486) (-)



TIC: BG049225.D

(34) Caprolactam

11.807min (0.000) 6.80ng/ul

response 5603

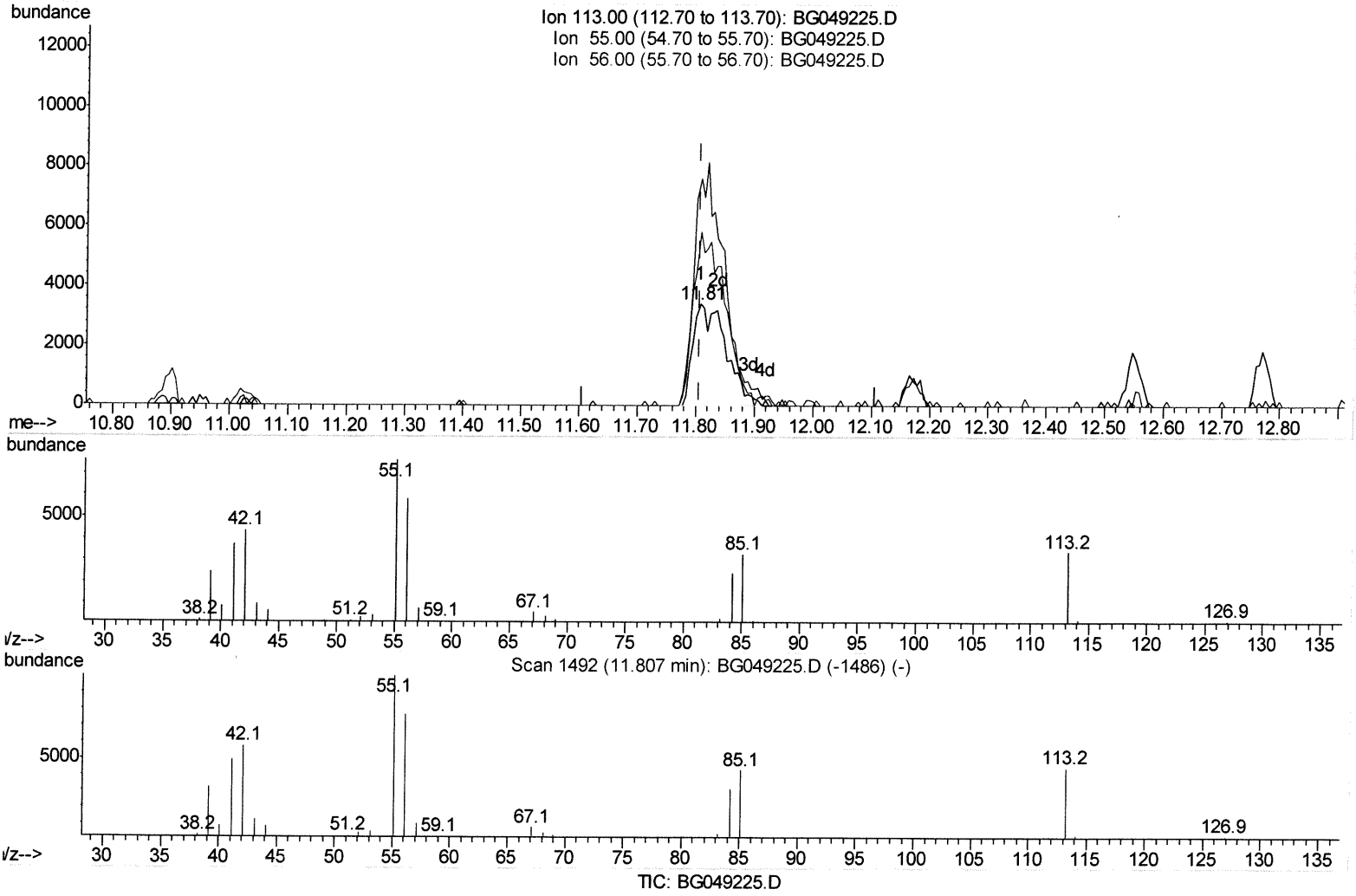
Ion	Exp%	Act%
113.00	100	100
55.00	223.70	223.68
56.00	171.90	171.85
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049225.D
Acq On : 8 Jul 2021 21:06
Operator : CG/JU
Sample : SSTD02005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 09 02:36:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020303

Manual Integrations APPROVED
mohammad
7/9/2021 2:46:55 PM



(34) Caprolactam

11.807min (0.000) 16.11ng/ul m 07/12/21 JU

response 13278

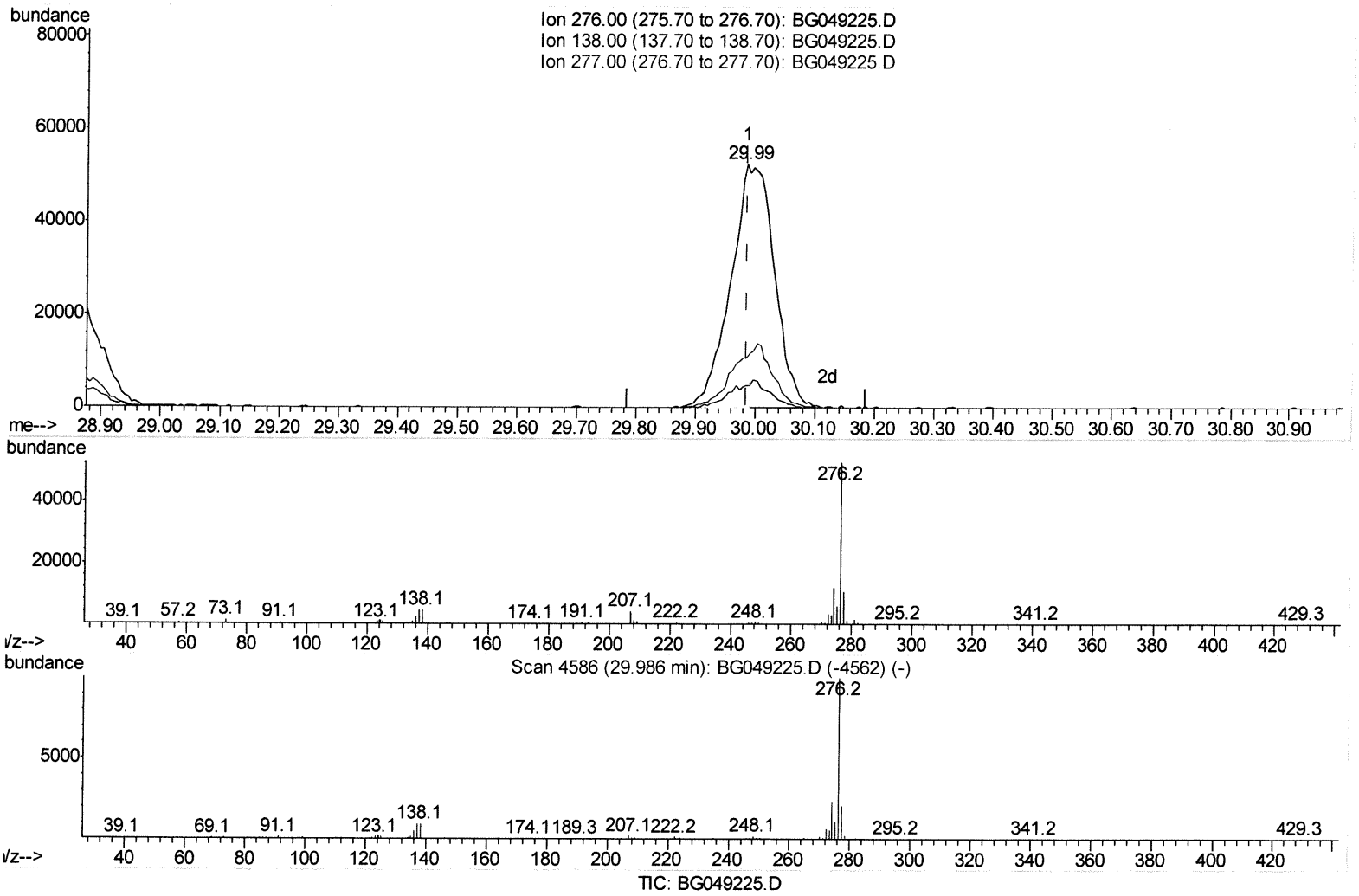
Ion	Exp%	Act%
113.00	100	100
55.00	223.70	223.68
56.00	171.90	171.85
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049225.D
Acq On : 8 Jul 2021 21:06
Operator : CG/JU
Sample : SSTD02005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 09 02:36:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020303

Manual Integrations APPROVED
mohammad
7/9/2021 2:46:55 PM



(96) Benzo(g,h,i)perylene

29.986min (0.000) 9.63ng/ul

response 131230

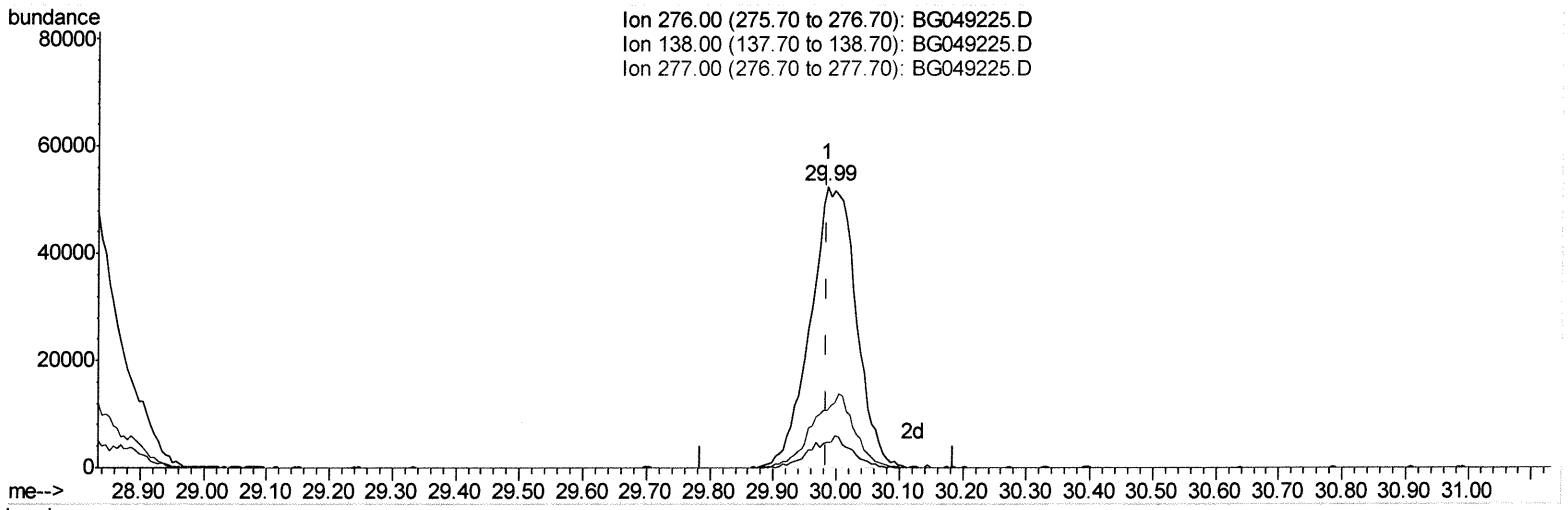
Ion	Exp%	Act%
276.00	100	100
138.00	9.00	8.96
277.00	20.40	20.42
0.00	0.00	0.00

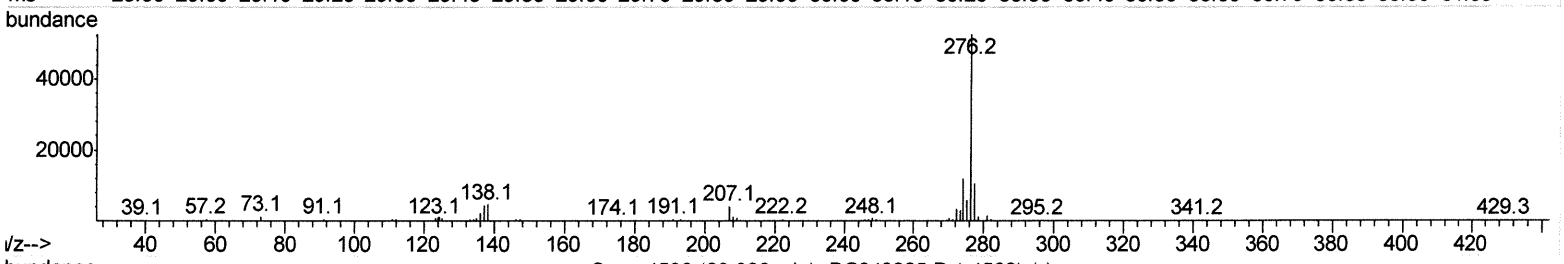
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049225.D
Acq On : 8 Jul 2021 21:06
Operator : CG/JU
Sample : SSTD02005
Misc :
ALS Vial : 4 Sample Multiplier: 1

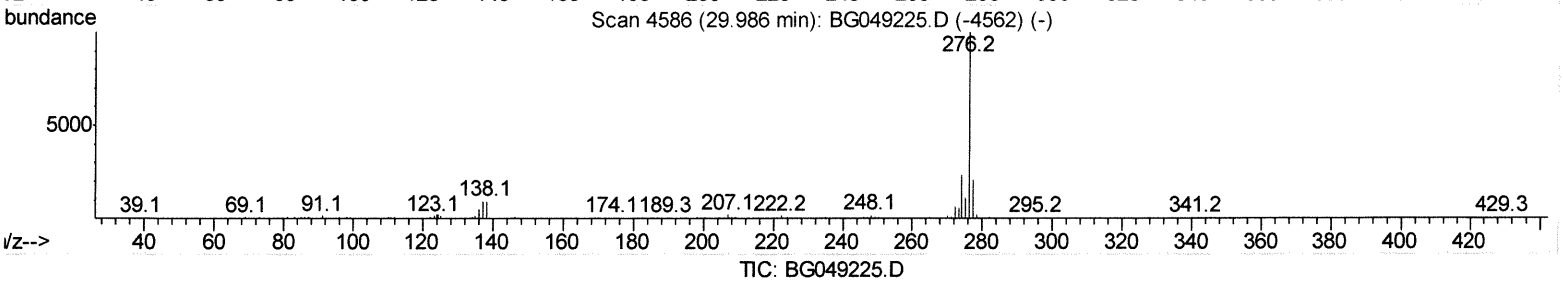
Quant Time: Jul 09 02:36:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020303

Manual Integrations APPROVED
mohammad
7/9/2021 2:46:55 PM







TIC: BG049225.D

(96) Benzo(g,h,i)perylene

29.986min (0.000) 19.43ng/ul m 07/12/21 JU

response 264794

Ion	Exp%	Act%
276.00	100	100
138.00	9.00	8.96
277.00	20.40	20.42
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049225.D
Acq On : 8 Jul 2021 21:06
Operator : CG/JU
Sample : SSTD02005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 09 02:52:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD020303

Manual Integrations APPROVED
mohammad
7/9/2021 2:46:55 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	29440	20.00	ng/ul	0.00
20) Naphthalene-d8	10.90	136	124333	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	88230	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	205723	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	226019	20.00	ng/ul	0.00
88) Perylene-d12	25.05	264	224913	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	5165m >	7.60	ng/uL >	0.00 07/12/2134
4) Pyridine-d5	3.89	84	34321	16.50	ng/ul	0.00
7) Phenol-d5	7.22	99	47743	18.67	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.39	67	29104	18.43	ng/ul	0.00
11) 2-Chlorophenol-d4	7.61	132	37589	21.15	ng/ul	0.00
15) 4-Methylphenol-d8	8.78	113	39669	18.91	ng/ul	0.00
21) Nitrobenzene-d5	9.24	128	19126	22.22	ng/ul	0.00
24) 2-Nitrophenol-d4	9.97	143	22027	23.37	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.51	165	42265	18.25	ng/ul	0.00
31) 4-Chloroaniline-d4	11.03	131	52824	18.11	ng/ul	0.00
46) Dimethylphthalate-d6	14.12	166	136041	18.74	ng/ul	0.00
49) Acenaphthylene-d8	14.42	160	156610	19.65	ng/ul	0.00
54) 4-Nitrophenol-d4	14.92	143	20365	18.84	ng/ul	0.00
60) Fluorene-d10	15.71	176	112984	17.64	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.83	200	24636	23.43	ng/ul	0.00
73) Anthracene-d10	17.57	188	190043	20.22	ng/ul	0.00
81) Pyrene-d10	19.86	212	230162	19.91	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.82	264	236546	19.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	5427	7.959	ng/uL	100
5) Pyridine	3.91	79	37279	17.941	ng/ul	100
6) Benzaldehyde	7.21	77	35794	22.162	ng/ul	100
8) Phenol	7.25	94	48534	17.949	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.49	93	36579	18.550	ng/ul	100
12) 2-Chlorophenol	7.64	128	38133	20.213	ng/ul	100
13) 2-Methylphenol	8.51	108	36915	18.249	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.60	45	60293	25.880	ng/ul	100
16) Acetophenone	8.90	105	66489	19.330	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.88	70	33390	16.373	ng/ul	100
18) 4-Methylphenol	8.85	108	38581	18.168	ng/ul	100
19) Hexachloroethane	9.17	117	16528	18.801	ng/ul	100
22) Nitrobenzene	9.29	77	51705	18.219	ng/ul	100
23) Isophorone	9.81	82	91636	15.621	ng/ul	100
25) 2-Nitrophenol	10.00	139	21924	20.426	ng/ul	100
26) 2,4-Dimethylphenol	10.06	107	49800	17.633	ng/ul	100
27) Bis(2-Chloroethoxy)methane	10.29	93	48680	16.484	ng/ul	100
29) 2,4-Dichlorophenol	10.54	162	38139	17.628	ng/ul	100
30) Naphthalene	10.95	128	120685	18.367	ng/ul	100
32) 4-Chloroaniline	11.05	127	52046	18.145	ng/ul	100
33) Hexachlorobutadiene	11.23	225	32912	15.992	ng/ul	100
34) Caprolactam	11.81	113	13278m >	16.109	ng/ul >	07/12/2134

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049225.D
Acq On : 8 Jul 2021 21:06
Operator : CG/JU
Sample : SSTD02005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 09 02:52:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020303

Manual Integrations APPROVED
mohammad
7/9/2021 2:46:55 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.17	107	43104	16.987 ng/ul	100
36) 2-Methylnaphthalene	12.55	142	90896	17.934 ng/ul	100
37) 1-Methylnaphthalene	12.77	142	91580	18.244 ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	54854	16.332 ng/ul	100
40) Hexachlorocyclopentadiene	12.89	237	32611	13.372 ng/ul	100
41) 2,4,6-Trichlorophenol	13.15	196	36788	17.799 ng/ul	100
42) 2,4,5-Trichlorophenol	13.23	196	37996	17.127 ng/ul	100
43) 1,1'-Biphenyl	13.55	154	118858	18.206 ng/ul	100
44) 2-Chloronaphthalene	13.60	162	92159	18.021 ng/ul	100
45) 2-Nitroaniline	13.79	65	33628	21.287 ng/ul	100
47) Dimethylphthalate	14.17	163	127992	17.458 ng/ul	100
48) 2,6-Dinitrotoluene	14.29	165	25729	20.491 ng/ul	100
50) Acenaphthylene	14.45	152	141114	18.463 ng/ul	100
51) 3-Nitroaniline	14.62	138	25762	21.341 ng/ul	100
52) Acenaphthene	14.79	153	101580	17.921 ng/ul	100
53) 2,4-Dinitrophenol	14.83	184	15097	18.073 ng/ul	100
55) 4-Nitrophenol	14.92	109	26579	18.566 ng/ul	100
56) Dibenzofuran	15.12	168	145063	18.017 ng/ul	100
57) 2,4-Dinitrotoluene	15.07	165	39123	21.661 ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.34	232	37091	17.686 ng/ul	100
59) Diethylphthalate	15.53	149	134169	18.312 ng/ul	100
61) Fluorene	15.77	166	124764	18.204 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.76	204	67339	16.197 ng/ul	100
63) 4-Nitroaniline	15.78	138	25023	19.908 ng/ul	100
66) 4,6-Dinitro-2-methylphenol	15.84	198	23602	21.382 ng/ul	100
67) N-Nitrosodiphenylamine	15.97	169	107654	18.893 ng/ul	100
68) 4-Bromophenyl-phenylether	16.65	248	46200	17.658 ng/ul	100
69) Hexachlorobenzene	16.78	284	52227	18.993 ng/ul	100
70) Atrazine	16.92	200	49666	19.368 ng/ul	100
71) Pentachlorophenol	17.12	266	29527	16.926 ng/ul	100
72) Phenanthrene	17.51	178	203902	19.520 ng/ul	100
74) Anthracene	17.61	178	206849	19.249 ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.52	216	55358	17.164 ng/uL	100
76) Pentachlorobenzene	15.04	250	60488	17.904 ng/uL	100
77) Carbazole	17.87	167	187812	20.629 ng/ul	100
78) Di-n-butylphthalate	18.43	149	232586	20.412 ng/ul	100
80) Fluoranthene	19.52	202	265256	18.494 ng/ul	100
82) Pyrene	19.89	202	267068	18.646 ng/ul	100
83) Butylbenzylphthalate	20.76	149	102423	19.996 ng/ul	100
84) 3,3'-Dichlorobenzidine	21.65	252	107867	19.484 ng/ul	100
85) Benzo(a)anthracene	21.74	228	272782	18.267 ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.63	149	150923	20.212 ng/ul	100
87) Chrysene	21.80	228	256535	17.965 ng/ul	100
89) Di-n-octyl phthalate	22.87	149	253330	20.693 ng/ul	100
90) Benzo(b)fluoranthene	24.00	252	282103	18.964 ng/ul	100
91) Benzo(k)fluoranthene	24.07	252	273057	18.678 ng/ul	100
93) Benzo(a)pyrene	24.89	252	248904	19.046 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.82	276	317080	18.862 ng/ul	100
95) Dibenzo(a,h)anthracene	28.89	278	261691	19.147 ng/ul	100
96) Benzo(g,h,i)perylene	29.99	276	264794m	19.433 ng/ul	

07/12/21 JU

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049225.D
Acq On : 8 Jul 2021 21:06
Operator : CG/JU
Sample : SSTD02005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 09 02:52:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020303

Manual Integrations APPROVED
mohammad
7/9/2021 2:46:55 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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