

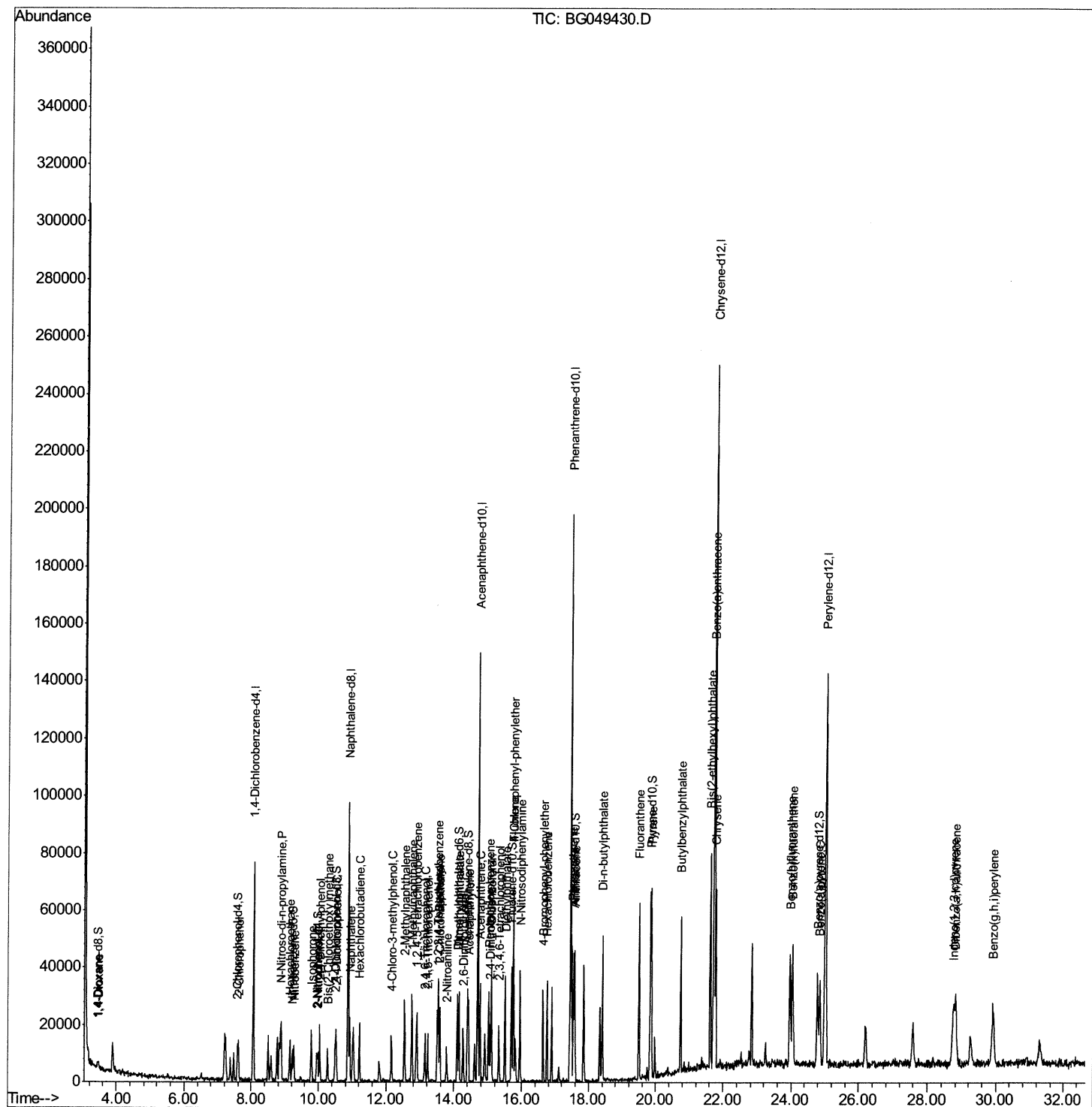
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072421\
Data File : BG049430.D
Acq On : 23 Jul 2021 17:49
Operator : CG/JU
Sample : SSTD00501
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005408

Manual Integrations
APPROVED

mohammad
7/26/2021 1:28:56 PM

Quant Time: Jul 24 01:20:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 23 23:52:30 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

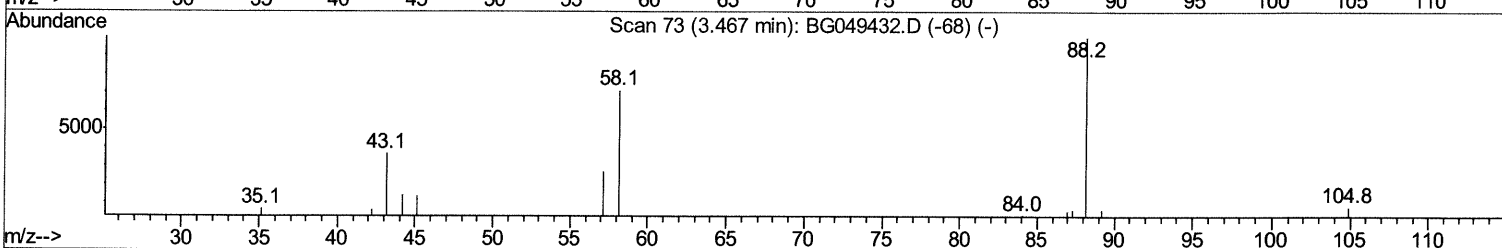
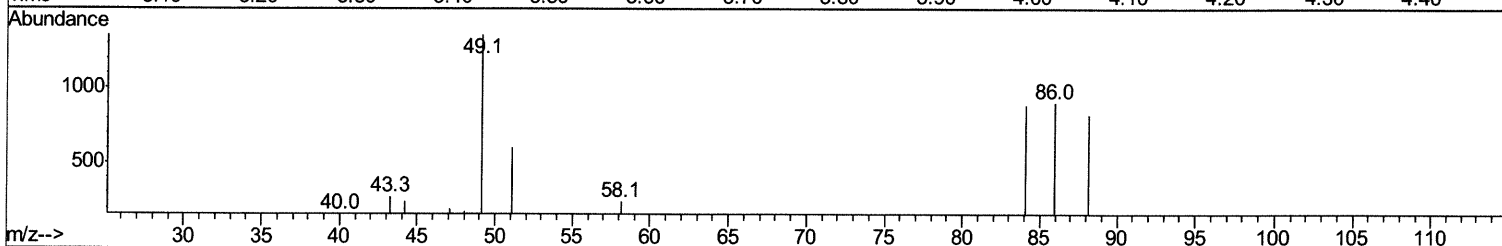
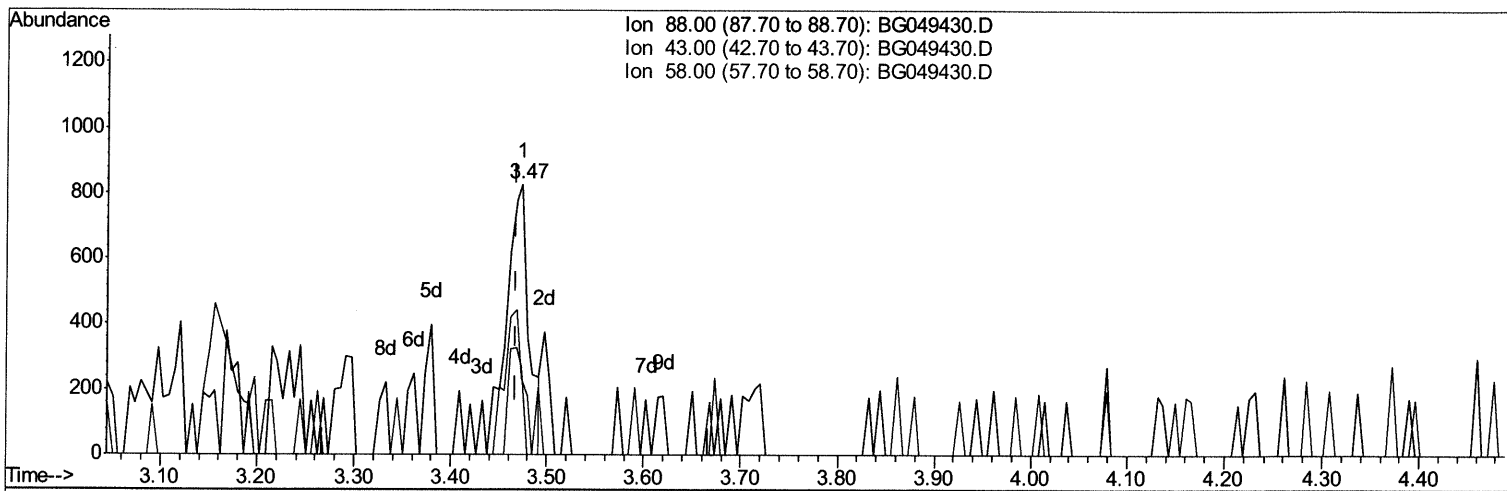
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072421\
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Manual Integrations
APPROVED

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Quant Time: Jul 23 23:53:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 23 23:52:30 2021
Response via : Initial Calibration



TIC: BG049430.D

(2) 1,4-Dioxane

3.473min (+0.006) 2.84ng/uL

response 1335

Ion	Exp%	Act%
88.00	100	100
43.00	36.90	32.45
58.00	71.00	28.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

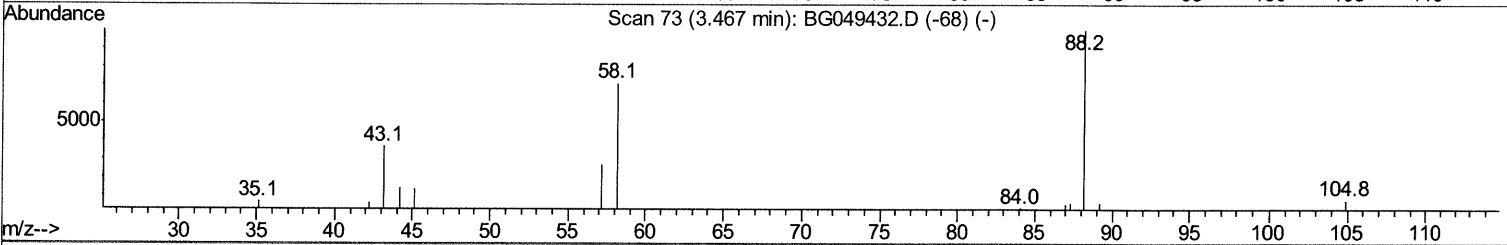
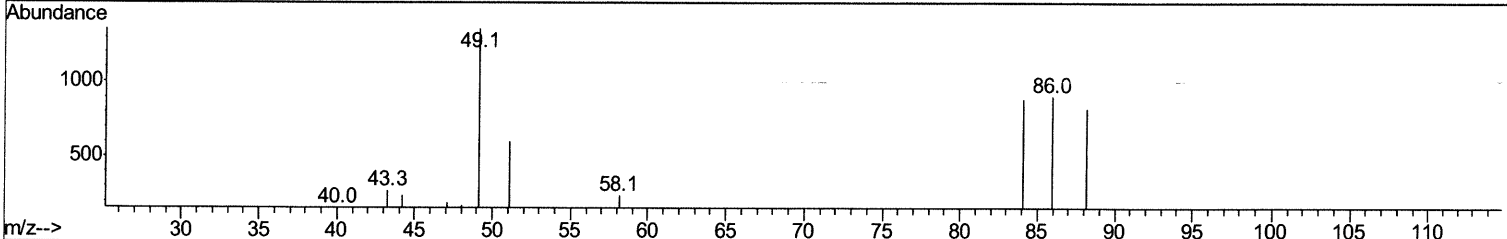
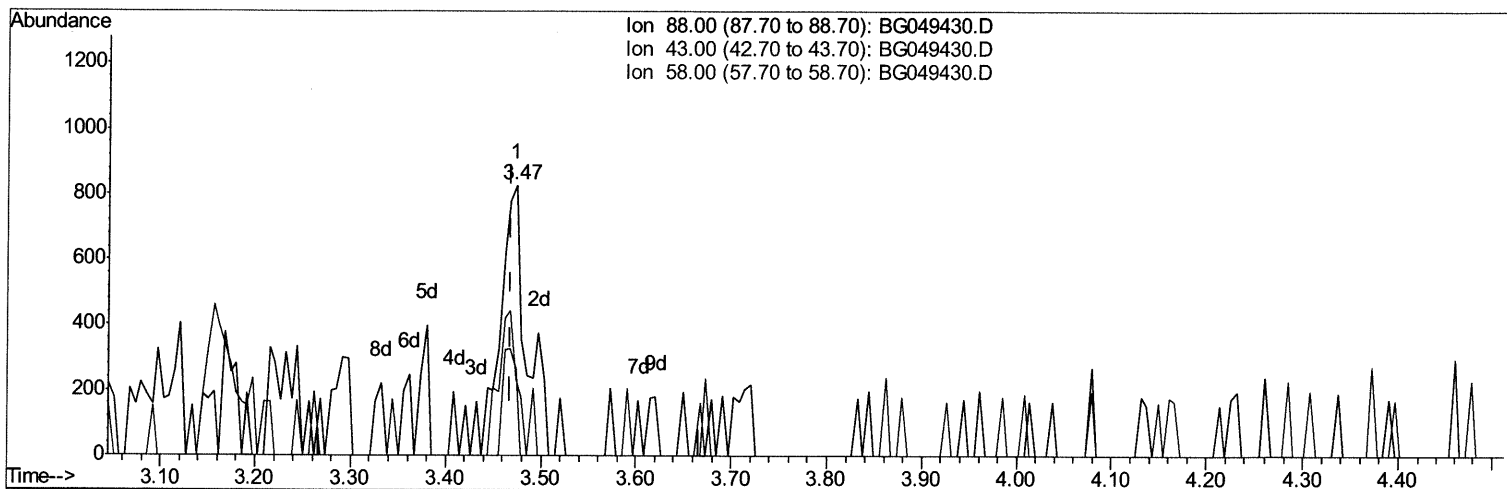
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072421\
 Data File : BG049430.D
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Instrument :
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Manual Integrations
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mohammad
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Quant Time: Jul 23 23:53:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 23 23:52:30 2021
 Response via : Initial Calibration



TIC: BG049430.D

(2) 1,4-Dioxane

3.473min (+0.006) 3.29ng/uL m 07/27/21 Ju

response 1549

Ion	Exp%	Act%
88.00	100	100
43.00	36.90	32.45
58.00	71.00	28.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

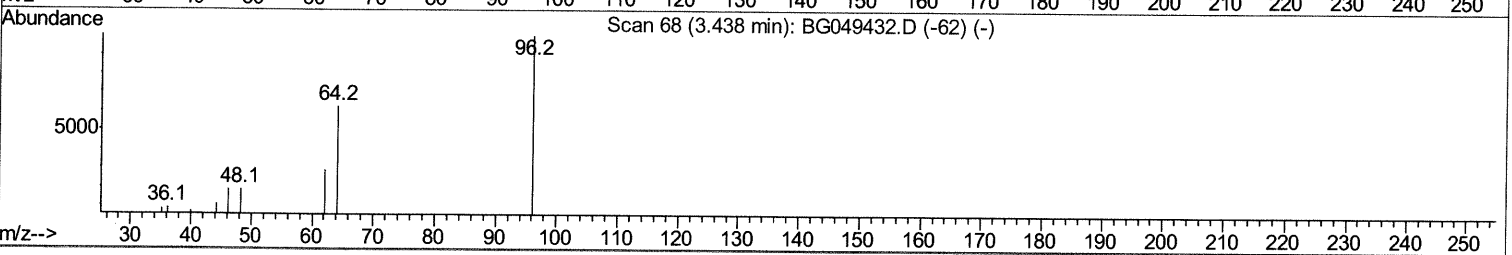
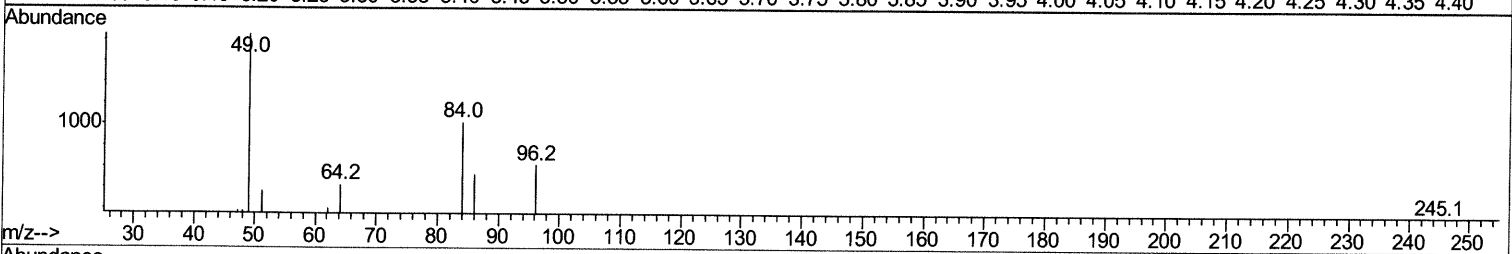
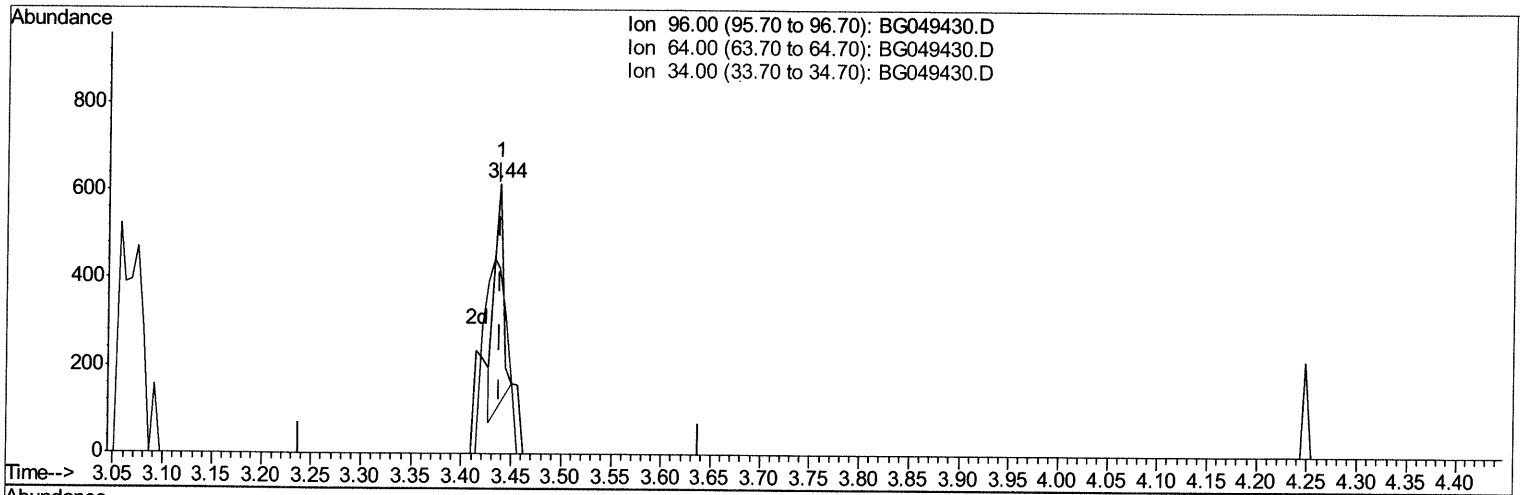
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072421\
 Data File : BG049430.D
 Acq On : 23 Jul 2021 17:49
 Operator : CG/JU
 Sample : SST00501
 Misc :
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Manual Integrations
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TIC: BG049430.D

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

3.438min (+0.000) 0.72ng/uL

response 336

Ion	Exp%	Act%
96.00	100	100
64.00	62.60	68.56
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

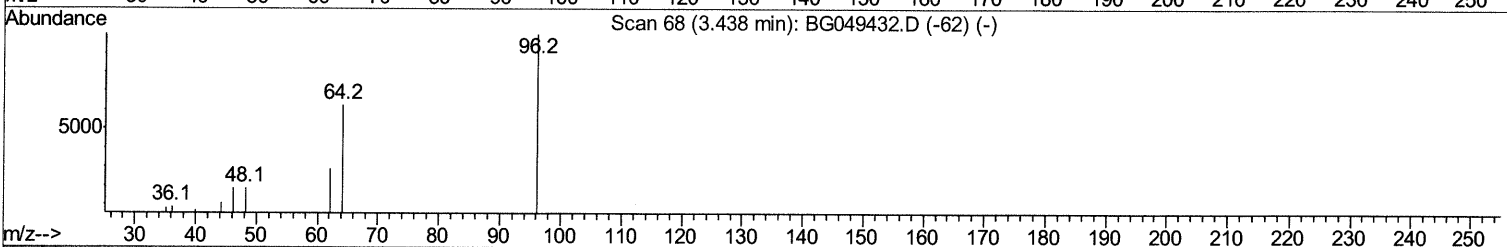
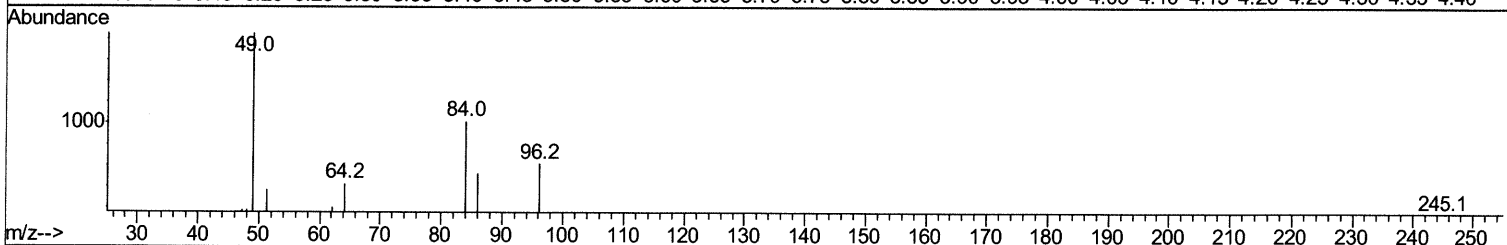
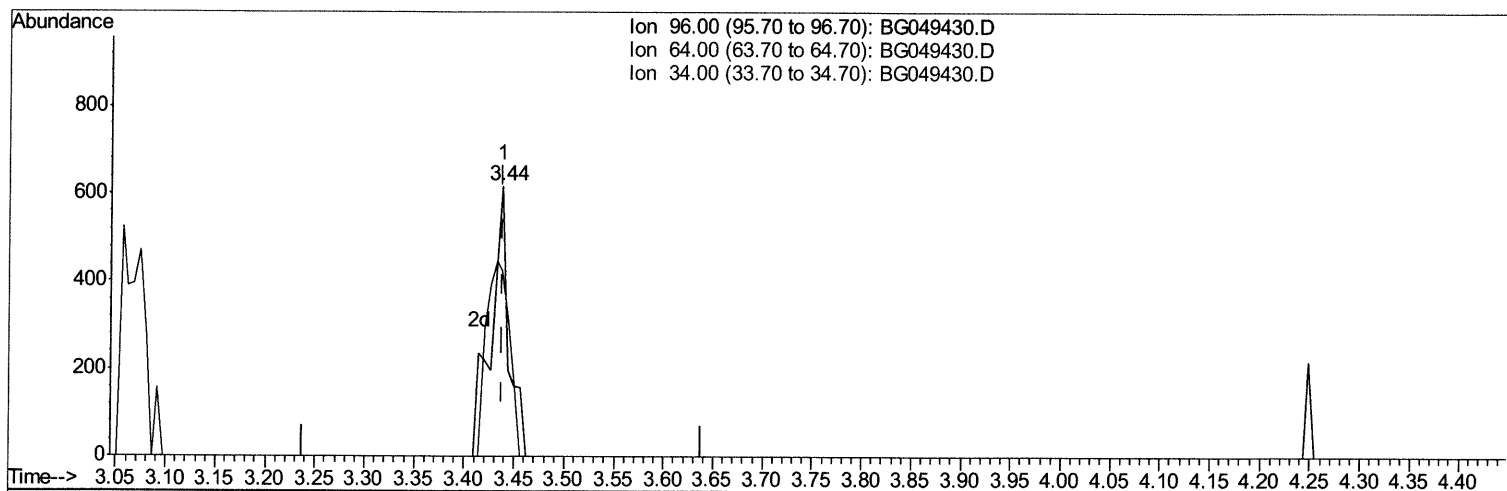
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072421\
 Data File : BG049430.D
 Acq On : 23 Jul 2021 17:49
 Operator : CG/JU
 Sample : SST00501
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST005408

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:28:56 PM

Quant Time: Jul 23 23:53:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 23 23:52:30 2021
 Response via : Initial Calibration



TIC: BG049430.D

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

3.438min (+0.000) 1.67ng/uL m 07/27/21

response 783

Ion	Exp%	Act%
96.00	100	100
64.00	62.60	68.56
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

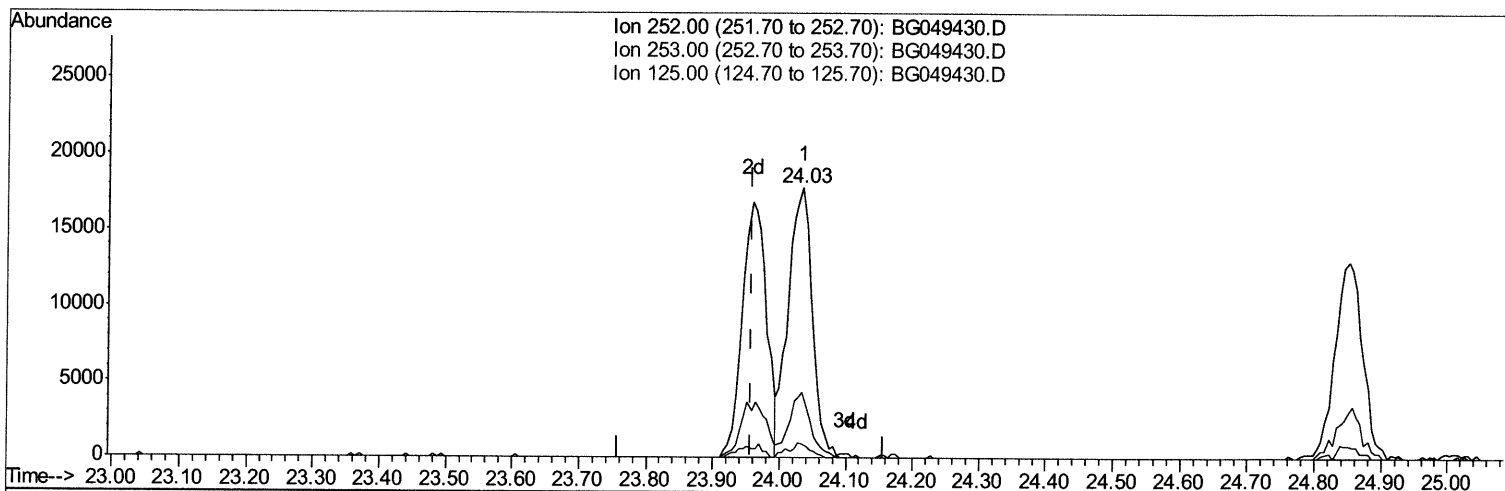
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072421\
 Data File : BG049430.D
 Acq On : 23 Jul 2021 17:49
 Operator : CG/JU
 Sample : SST00501
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST005408

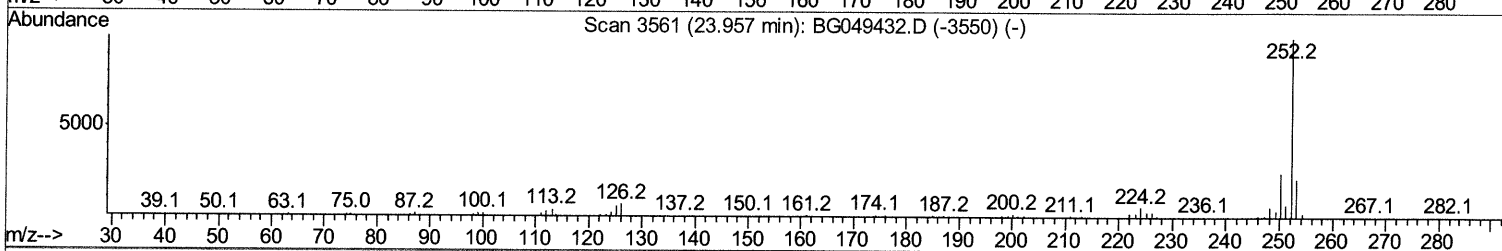
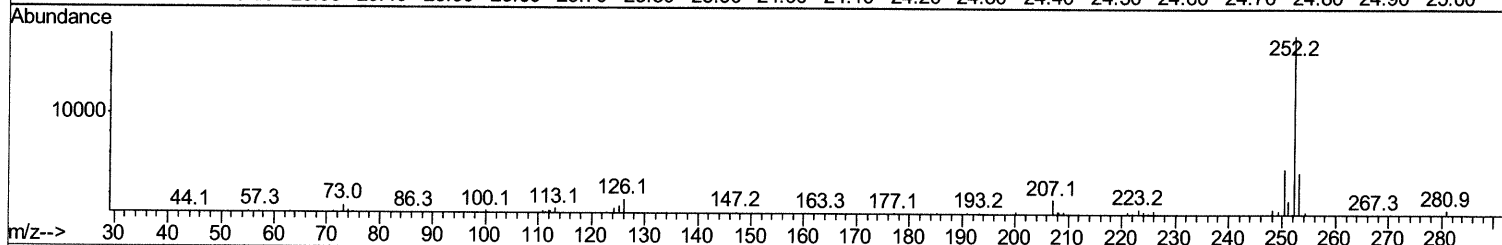
Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:28:56 PM

Quant Time: Jul 23 23:53:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



Ion 252.00 (251.70 to 252.70): BG049430.D
 Ion 253.00 (252.70 to 253.70): BG049430.D
 Ion 125.00 (124.70 to 125.70): BG049430.D



TIC: BG049430.D

(90) Benzo(b)fluoranthene

24.034min (+0.077) 4.53ng/ul

response 44688

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.02
125.00	5.60	5.07
0.00	0.00	0.00

Quantitation Report (Qedit)

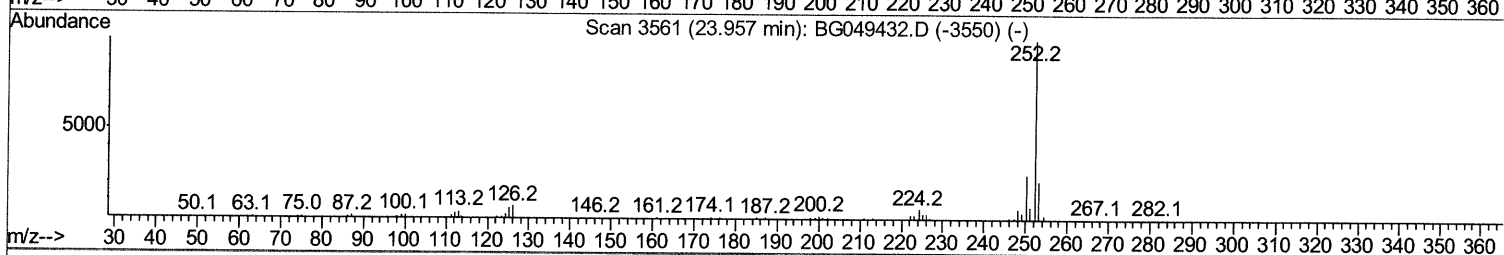
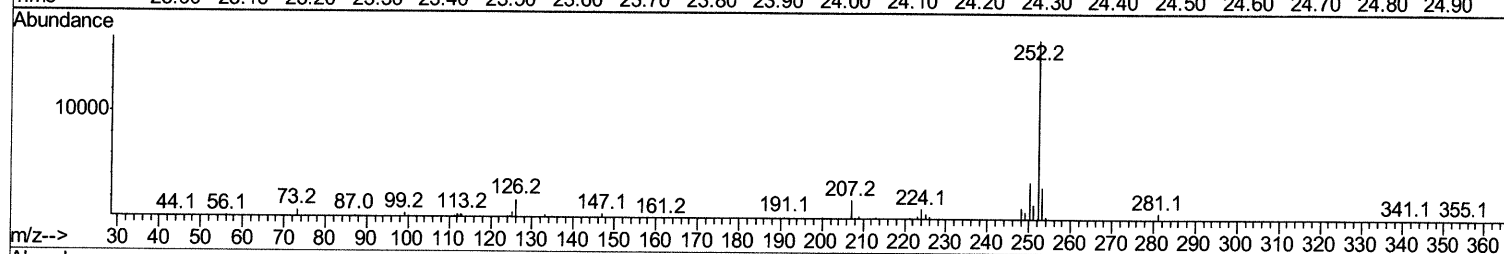
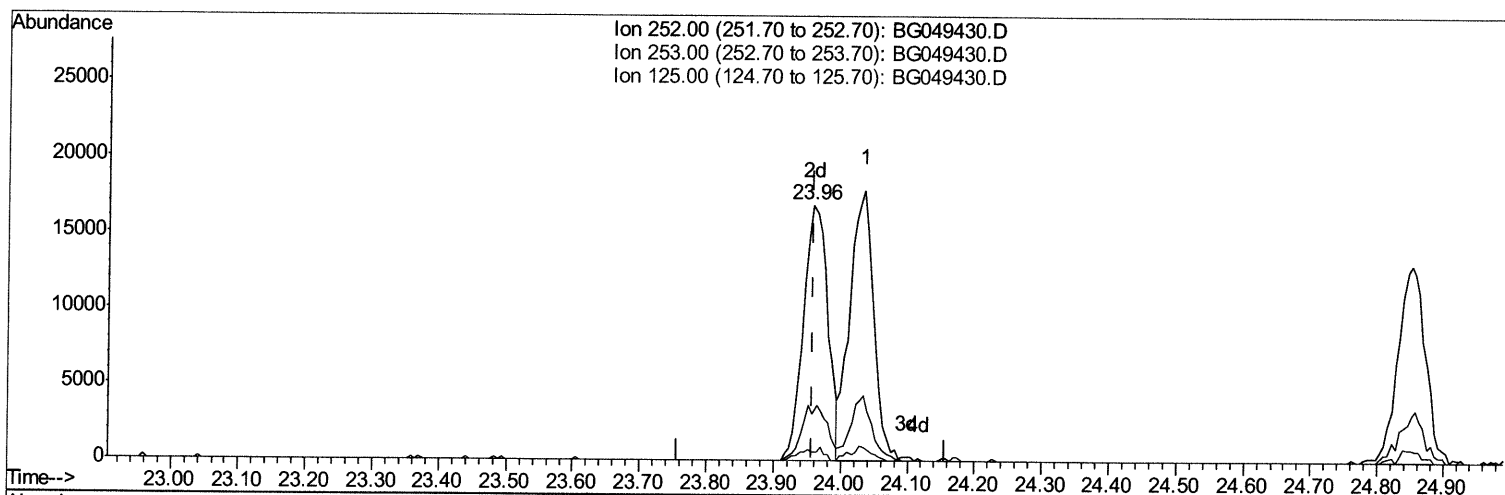
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072421\
Data File : BG049430.D
Acq On : 23 Jul 2021 17:49
Operator : CG/JU
Sample : SST000501
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005408

Manual Integrations
APPROVED

mohammad
7/26/2021 1:28:56 PM

Quant Time: Jul 23 23:53:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 23 23:52:30 2021
Response via : Initial Calibration



TIC: BG049430.D

(90) Benzo(b)fluoranthene

23.957min (+0.000) 4.30ng/ul m 6/12/21JU

response 42479

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	18.40
125.00	5.60	3.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

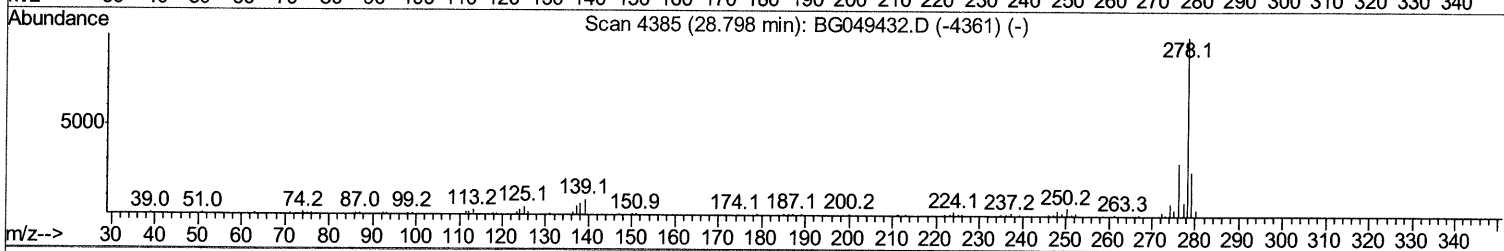
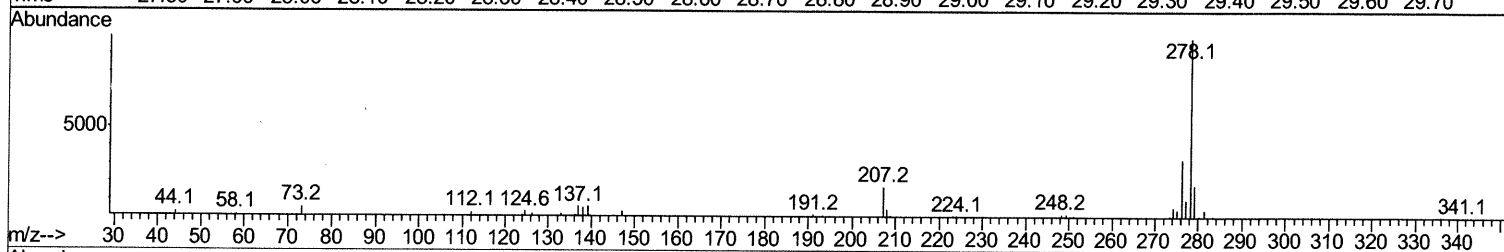
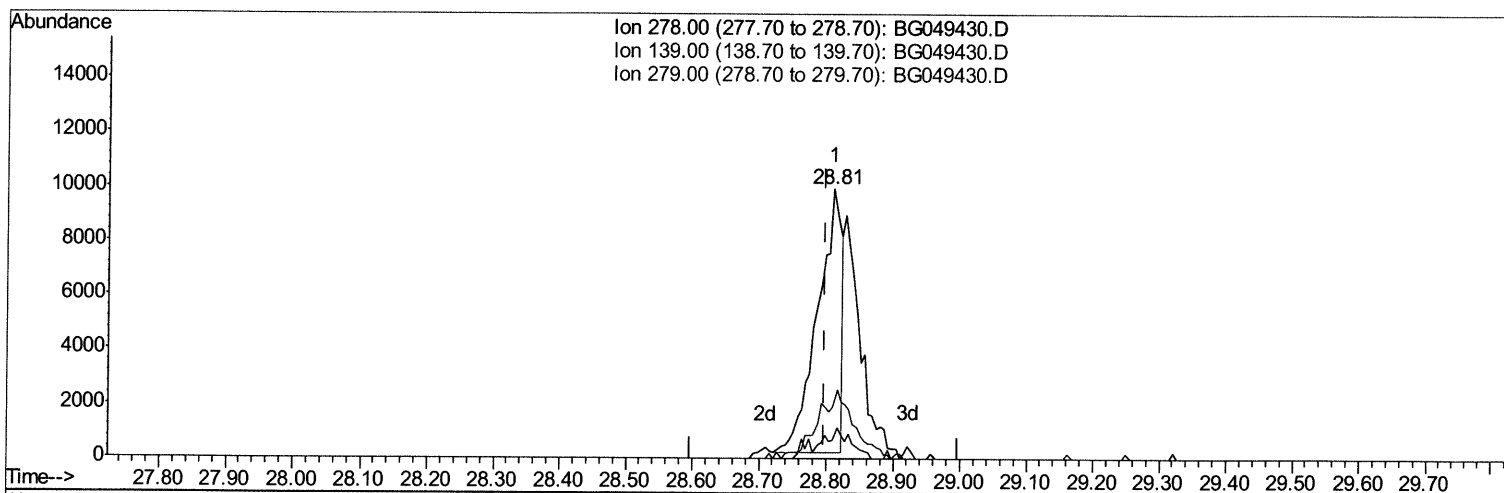
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072421\
Data File : BG049430.D
Acq On : 23 Jul 2021 17:49
Operator : CG/JU
Sample : SST00501
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005408

Manual Integrations
APPROVED

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7/26/2021 1:28:56 PM

Quant Time: Jul 23 23:53:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
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TIC: BG049430.D

(95) Dibenzo(a,h)anthracene

28.810min (+0.012) 2.63ng/ul

response 23816

Ion	Exp%	Act%
278.00	100	100
139.00	8.50	6.75#
279.00	24.60	19.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

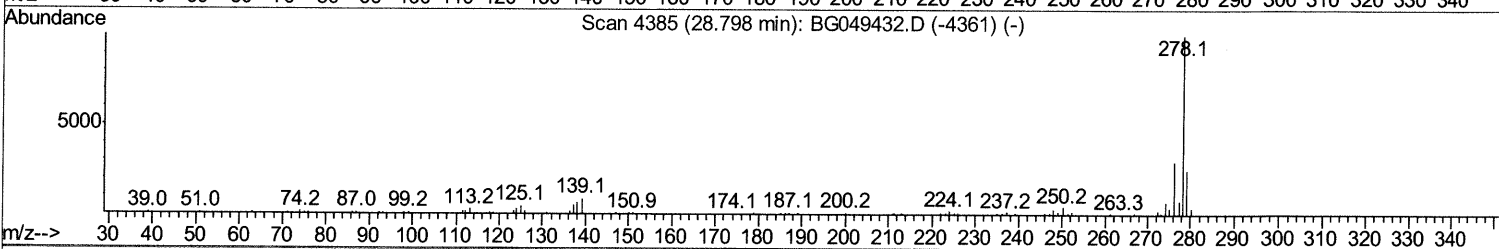
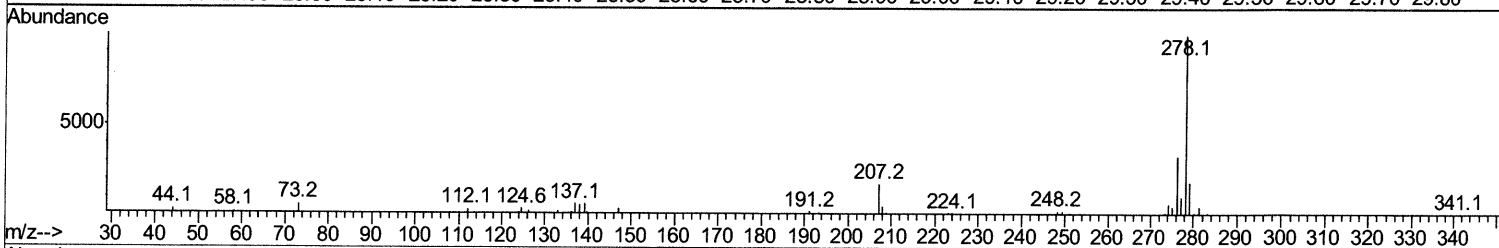
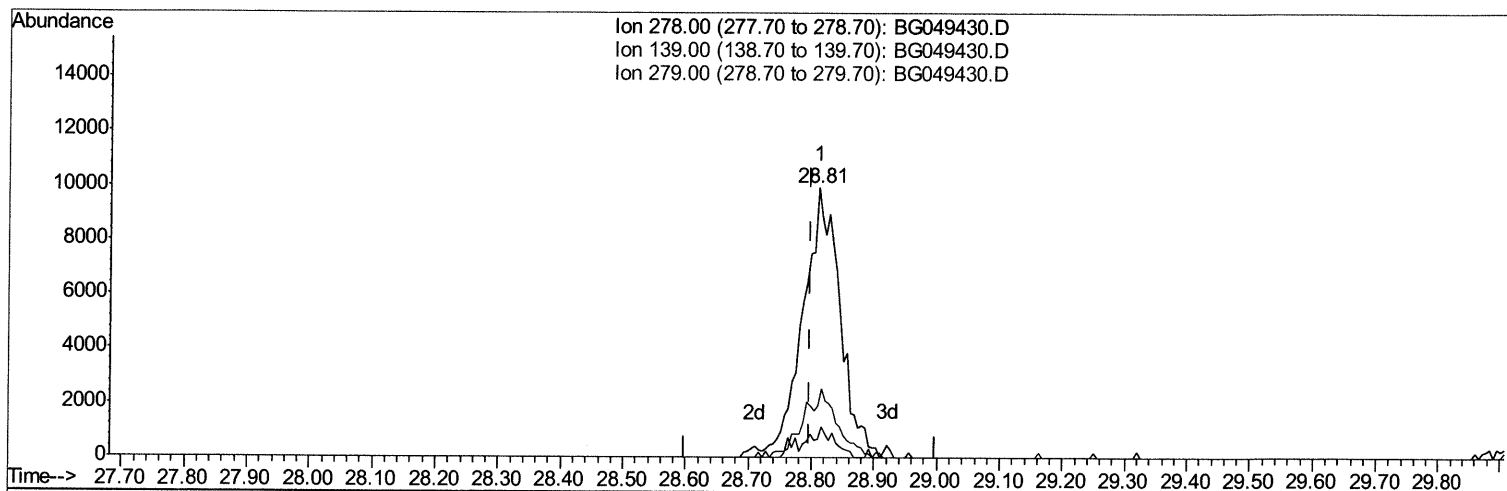
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 Data File : BG049430.D
 Acq On : 23 Jul 2021 17:49
 Operator : CG/JU
 Sample : SST00501
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST005408

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:28:56 PM

Quant Time: Jul 23 23:53:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 23 23:52:30 2021
 Response via : Initial Calibration



TIC: BG049430.D

(95) Dibenzo(a,h)anthracene

28.810min (+0.012) 4.54ng/ul m 07/27/21 JU

response 41168

Ion	Exp%	Act%
278.00	100	100
139.00	8.50	6.75#
279.00	24.60	19.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

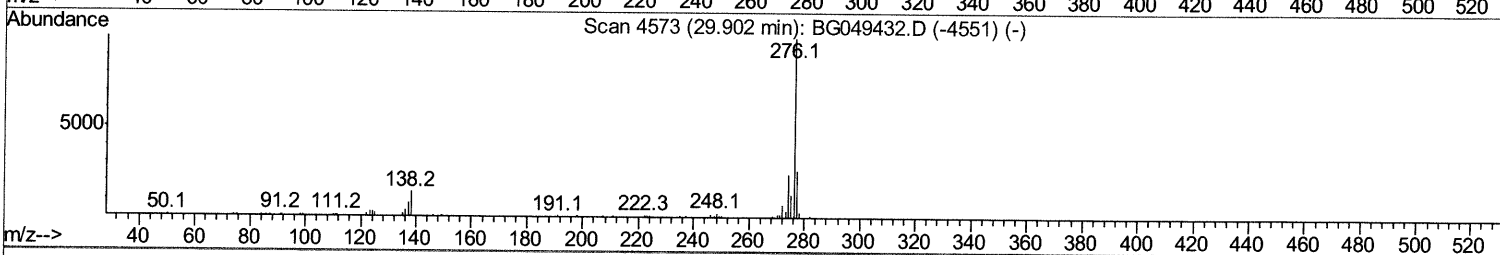
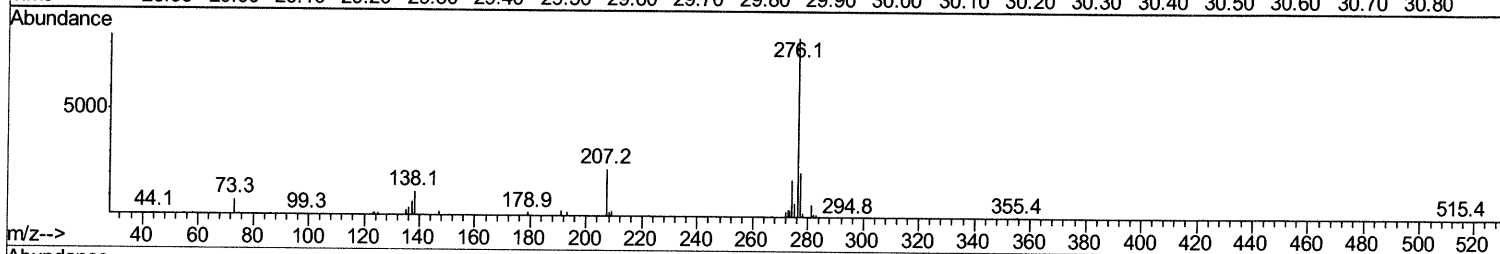
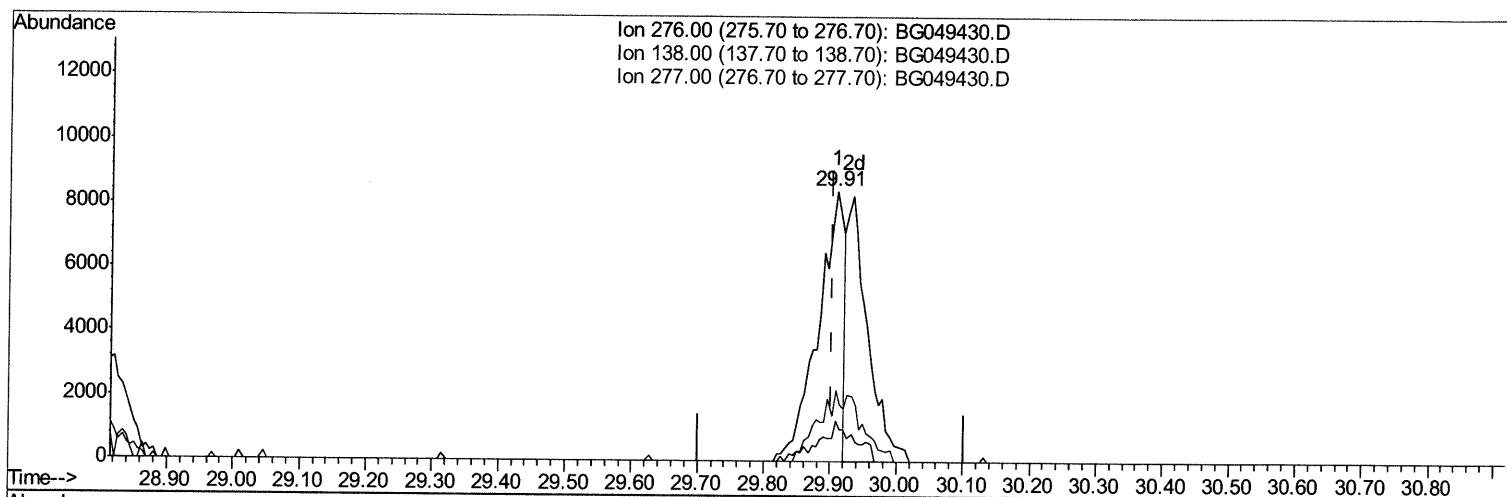
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Sample : SSTD00501
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Instrument :
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Manual Integrations
APPROVED

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TIC: BG049430.D

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

29.908min (+0.006) 2.54ng/ul

response 22968

Ion	Exp%	Act%
276.00	100	100
138.00	13.50	14.82
277.00	25.80	26.31
0.00	0.00	0.00

Quantitation Report (Qedit)

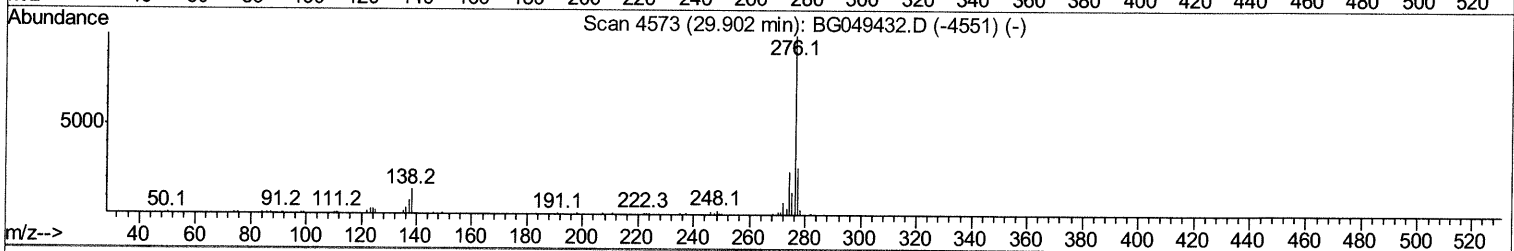
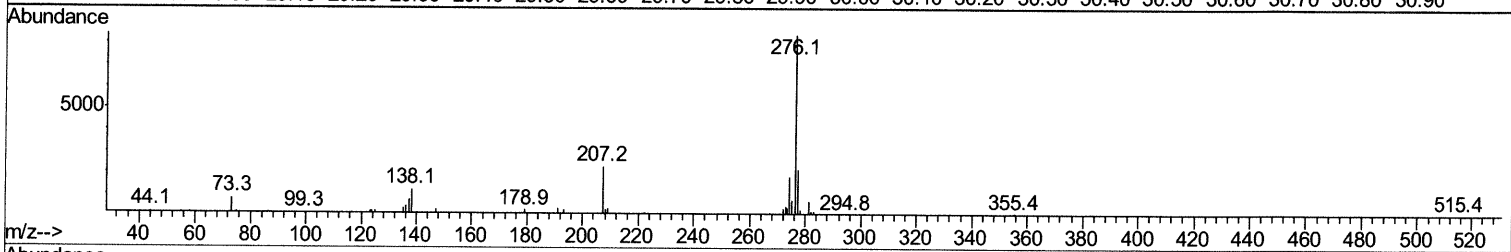
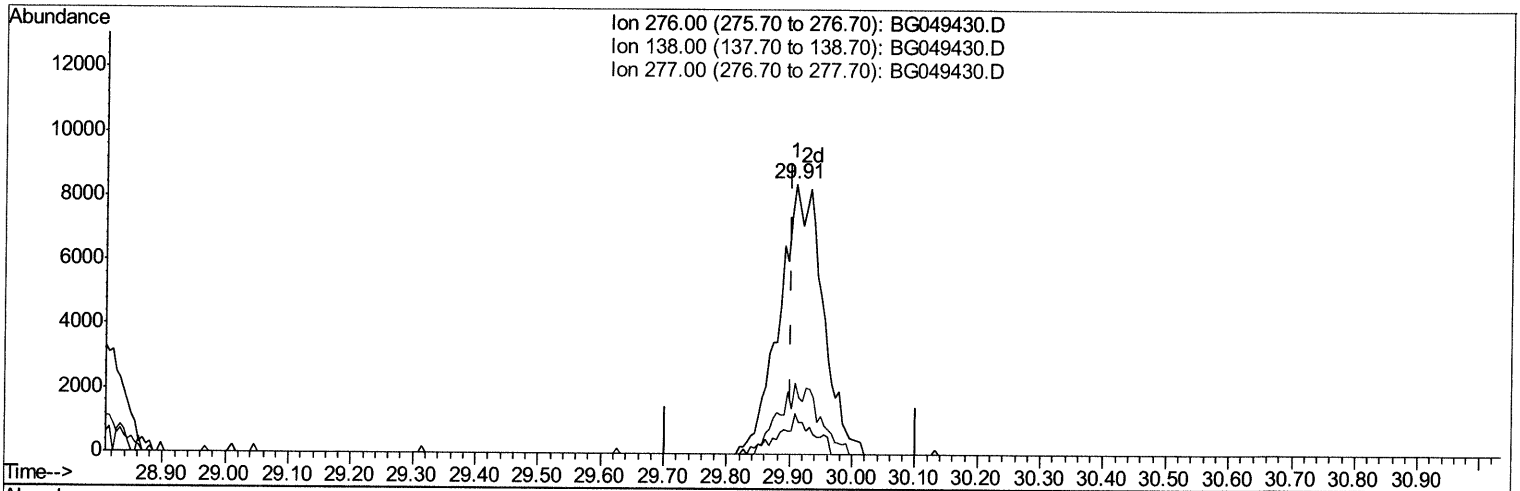
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 Acq On : 23 Jul 2021 17:49
 Operator : CG/JU
 Sample : SST00501
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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TIC: BG049430.D

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

29.908min (+0.006) 4.49ng/ul m 07/27/21 JU

response 40610

Ion	Exp%	Act%
276.00	100	100
138.00	13.50	14.82
277.00	25.80	26.31
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072421\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20328	20.00	ng/ul	0.00
20) Naphthalene-d8	10.88	136	79759	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.71	164	54415	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.45	188	124168	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	149247	20.00	ng/ul	0.00
88) Perylene-d12	25.01	264	149237	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	783m	1.67	ng/uL	0.00	07/27/21 JU
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul		
7) Phenol-d5	0.00	99	0d	0.00	ng/ul		
9) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul		
11) 2-Chlorophenol-d4	7.58	132	5762	4.69	ng/ul	0.00	
15) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul		
21) Nitrobenzene-d5	9.23	128	2409	4.36	ng/ul	0.01	
24) 2-Nitrophenol-d4	9.95	143	3363	5.56	ng/ul	0.00	
28) 2,4-Dichlorophenol-d3	10.50	165	5601	3.77	ng/ul	0.01	
31) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul		
46) Dimethylphthalate-d6	14.10	166	18603	4.16	ng/ul	0.00	
49) Acenaphthylene-d8	14.39	160	22092	4.49	ng/ul	0.00	
54) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul		
60) Fluorene-d10	15.69	176	16821	4.26	ng/ul	0.00	
65) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul		
73) Anthracene-d10	17.55	188	27522	4.85	ng/ul	0.00	
81) Pyrene-d10	19.83	212	34921	4.58	ng/ul	0.00	
92) Benzo(a)pyrene-d12	24.78	264	35677	4.41	ng/ul	0.01	

Target Compounds

				Ovalue		
2) 1,4-Dioxane	3.47	88	1549m	3.290	ng/uL	07/27/21 JU
12) 2-Chlorophenol	7.61	128	5245	4.026	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.86	70	4771	3.388	ng/ul#	96
19) Hexachloroethane	9.14	117	2415	3.979	ng/ul#	76
22) Nitrobenzene	9.27	77	7980	4.383	ng/ul#	96
23) Isophorone	9.79	82	13478	3.582	ng/ul	98
25) 2-Nitrophenol	9.98	139	2683	3.897	ng/ul#	85
26) 2,4-Dimethylphenol	10.04	107	6958	3.840	ng/ul	96
27) Bis(2-Chloroethoxy)methane	10.27	93	6702	3.538	ng/ul#	98
29) 2,4-Dichlorophenol	10.52	162	5706	4.111	ng/ul#	84
30) Naphthalene	10.93	128	18747	4.448	ng/ul#	94
33) Hexachlorobutadiene	11.21	225	4230	3.204	ng/ul#	85
35) 4-Chloro-3-methylphenol	12.15	107	6232	3.829	ng/ul	93
36) 2-Methylnaphthalene	12.53	142	13328	4.099	ng/ul	86
37) 1-Methylnaphthalene	12.75	142	13905	4.318	ng/ul#	87
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	7376	3.561	ng/ul	96
41) 2,4,6-Trichlorophenol	13.14	196	4126	3.237	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.21	196	4794	3.504	ng/ul#	83
43) 1,1'-Biphenyl	13.54	154	17825	4.427	ng/ul	99
44) 2-Chloronaphthalene	13.58	162	13987	4.435	ng/ul	96
45) 2-Nitroaniline	13.78	65	4279	4.392	ng/ul#	85
47) Dimethylphthalate	14.15	163	18431	4.076	ng/ul#	96

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072421\
 Data File : BG049430.D
 Acq On : 23 Jul 2021 17:49
 Operator : CG/JU
 Sample : SSTD00501
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005408

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:28:56 PM

Quant Time: Jul 24 01:20:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 23 23:52:30 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2,6-Dinitrotoluene	14.28	165	3325	4.294	ng/ul	95
50) Acenaphthylene	14.42	152	20991	4.453	ng/ul	97
52) Acenaphthene	14.76	153	15079	4.313	ng/ul	91
56) Dibenzofuran	15.10	168	20187	4.065	ng/ul	94
57) 2,4-Dinitrotoluene	15.06	165	4303	3.863	ng/ul#	74
58) 2,3,4,6-Tetrachlorophenol	15.33	232	4253	3.288	ng/ul#	90
59) Diethylphthalate	15.51	149	18882	4.178	ng/ul	99
61) Fluorene	15.75	166	16901	3.998	ng/ul	95
62) 4-Chlorophenyl-phenylether	15.74	204	9071	3.538	ng/ul	99
67) N-Nitrosodiphenylamine	15.95	169	14888	4.329	ng/ul	98
68) 4-Bromophenyl-phenylether	16.63	248	6535	4.138	ng/ul#	82
69) Hexachlorobenzene	16.76	284	7085	4.269	ng/ul#	87
72) Phenanthrene	17.49	178	30007	4.760	ng/ul	94
74) Anthracene	17.58	178	31339	4.832	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.50	216	7945	4.081	ng/uL#	91
76) Pentachlorobenzene	15.02	250	8278	4.059	ng/uL	98
78) Di-n-butylphthalate	18.41	149	34519	5.019	ng/ul	97
80) Fluoranthene	19.50	202	41941	4.428	ng/ul	98
82) Pyrene	19.86	202	41669	4.406	ng/ul#	98
83) Butylbenzylphthalate	20.74	149	15164	4.483	ng/ul	90
85) Benzo(a)anthracene	21.71	228	41715	4.230	ng/ul	95
86) Bis(2-ethylhexyl)phthalate	21.61	149	22648	4.593	ng/ul#	95
87) Chrysene	21.78	228	41054	4.354	ng/ul	97
90) Benzo(b)fluoranthene	23.96	252	42479m >	4.304	ng/ul >	07/27/21JU
91) Benzo(k)fluoranthene	24.03	252	44688	4.607	ng/ul	96
93) Benzo(a)pyrene	24.85	252	37210	4.291	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.75	276	46991	4.213	ng/ul#	93
95) Dibenzo(a,h)anthracene	28.81	278	41168m }	4.540	ng/ul }	07/27/21JU
96) Benzo(a,h,i)perylene	29.91	276	40610m }	4.492	ng/ul }	

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