

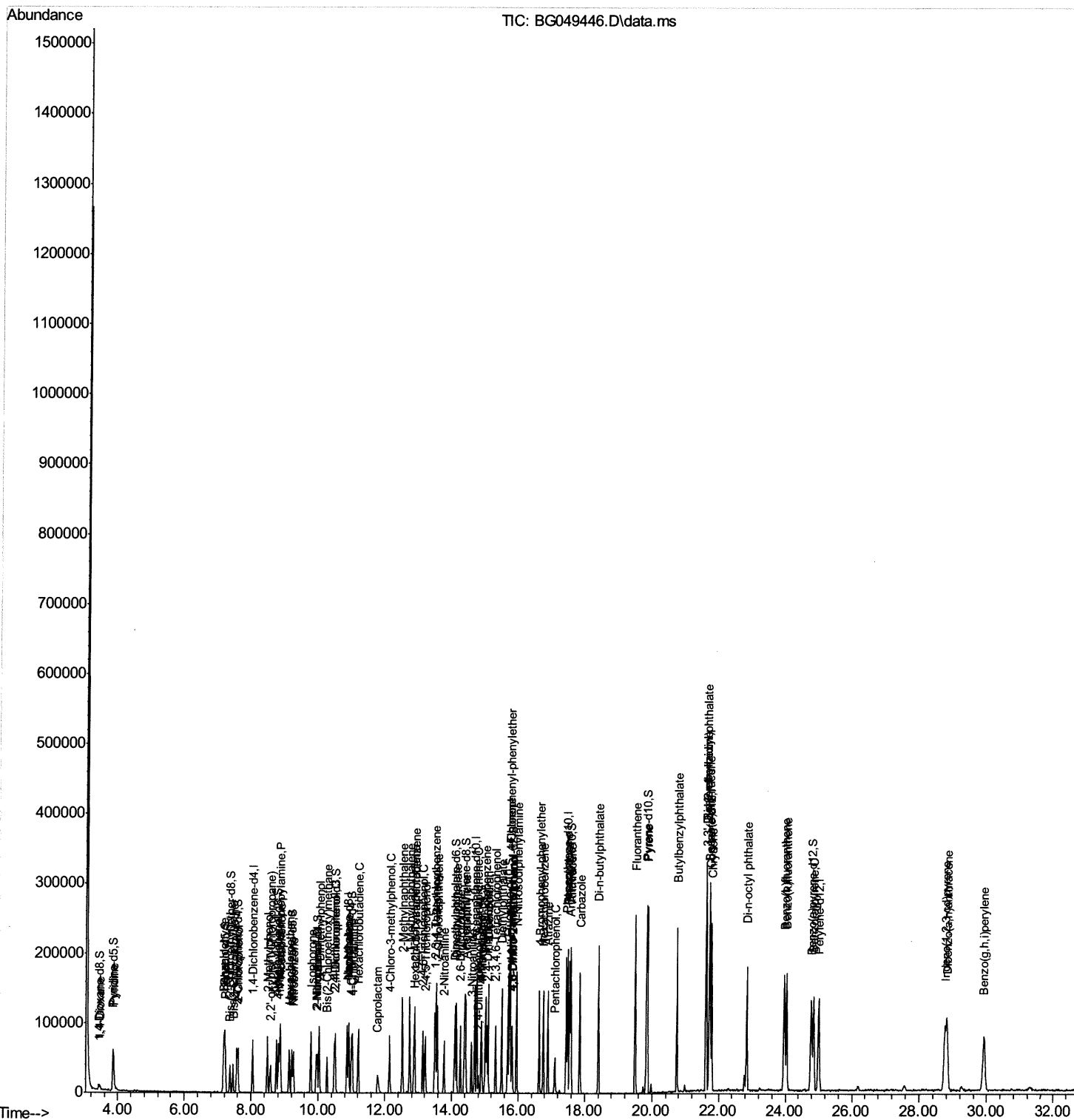
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
Data File : BG049446.D
Acq On : 24 Jul 2021 11:19
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations
APPROVED

mohammad
7/26/2021 1:31:13 PM

Quant Time: Jul 25 07:19:58 2021
Quant Method : Z:SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 06:15:51 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

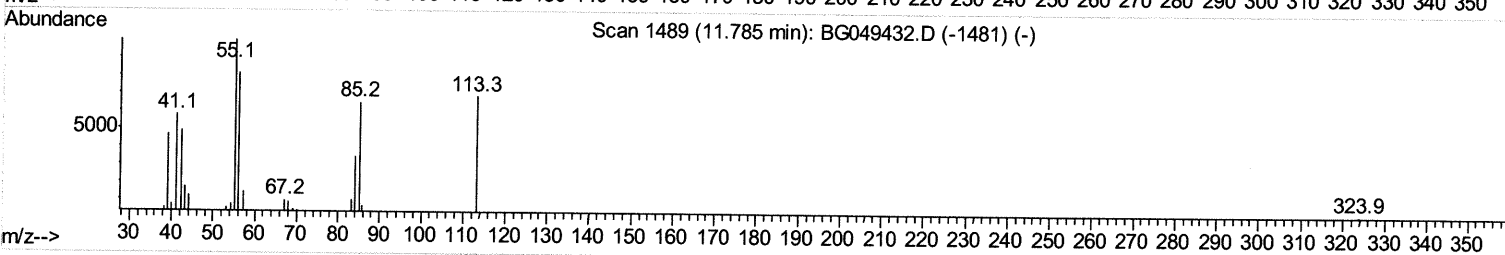
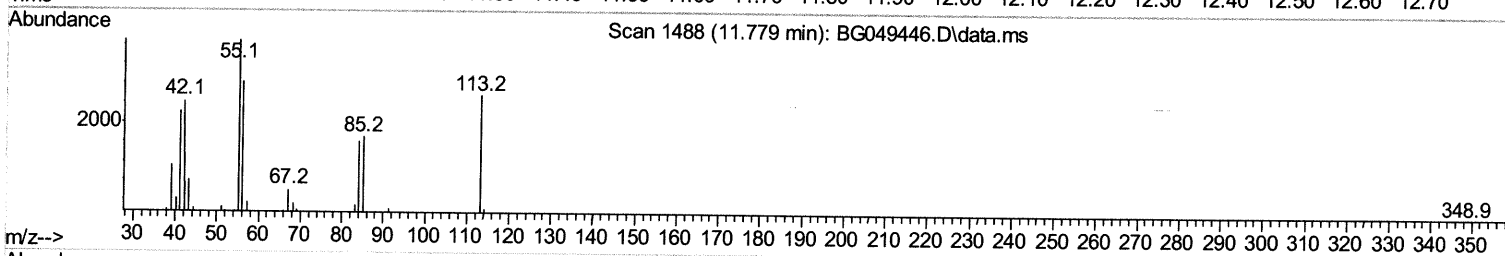
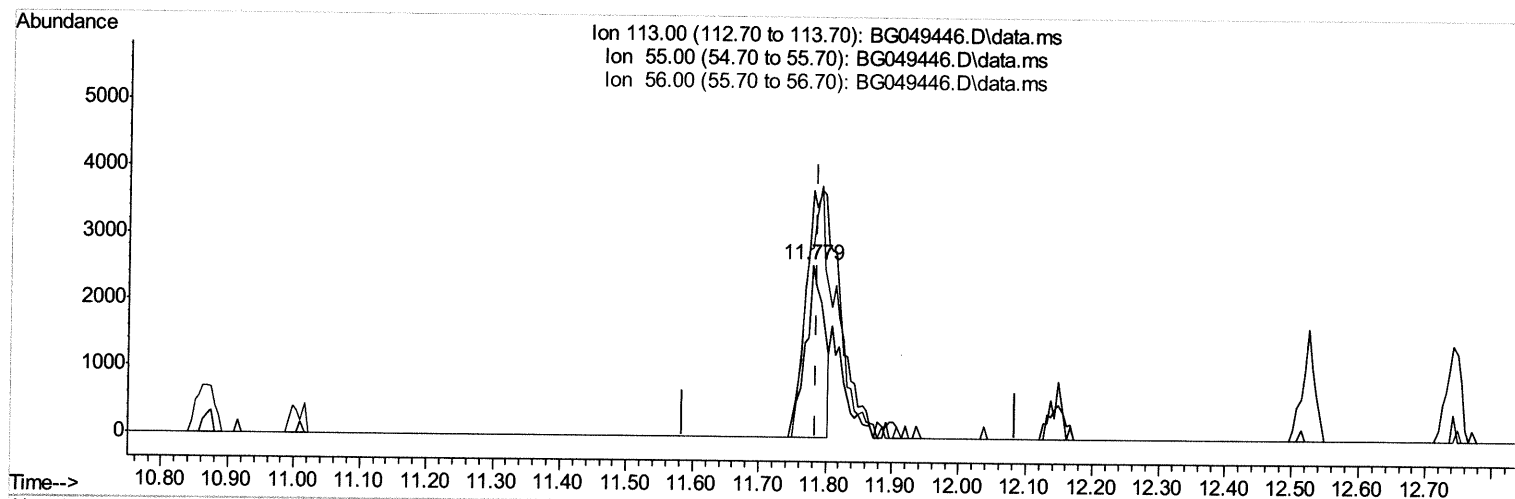
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TIC: BG049446.D\data.ms

(34) Caprolactam

11.779min (-0.007) 11.66 ng/ul

response 4880

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	143.23
56.00	118.80	110.01
0.00	0.00	0.00

Quantitation Report (Qedit)

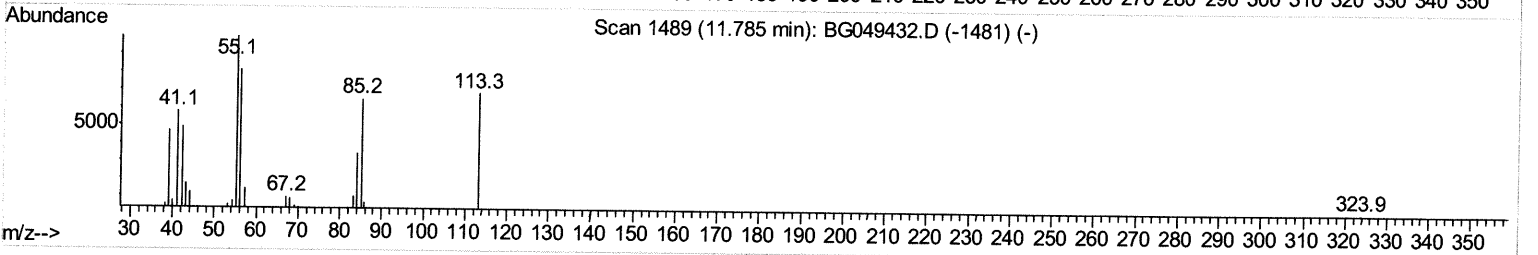
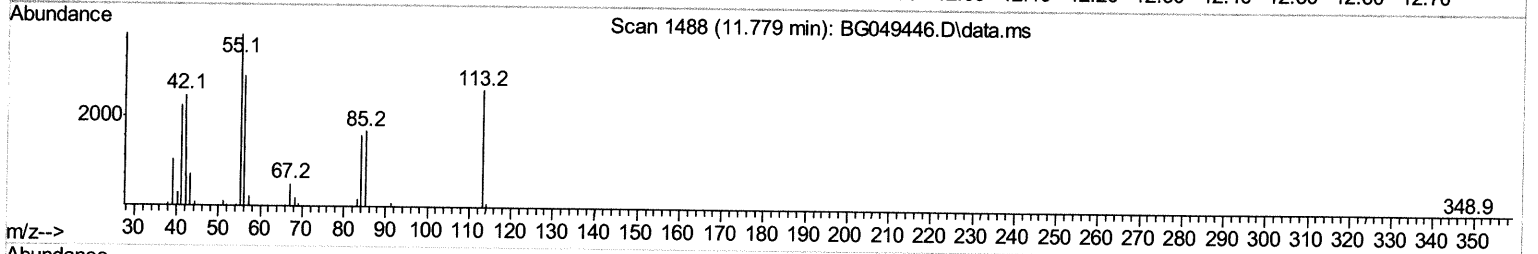
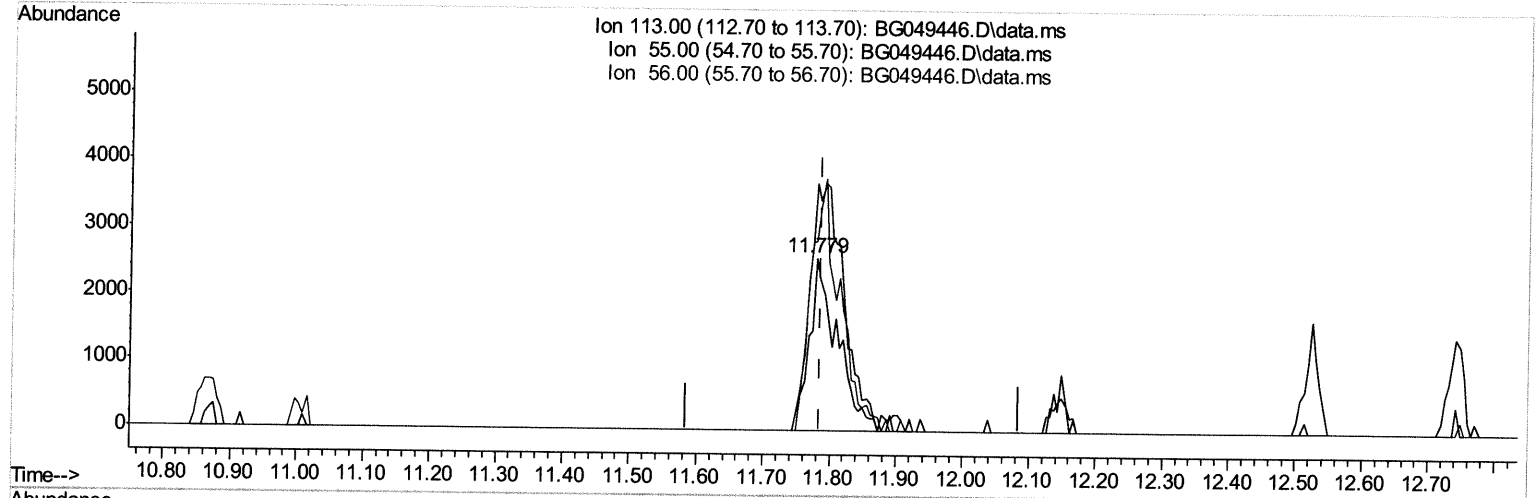
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
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TIC: BG049446.D\data.ms

(34) Caprolactam

11.779min (-0.007) 17.89 ng/ul m 07/27/21JU

response 7486

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	143.23
56.00	118.80	110.01
0.00	0.00	0.00

Quantitation Report (Qedit)

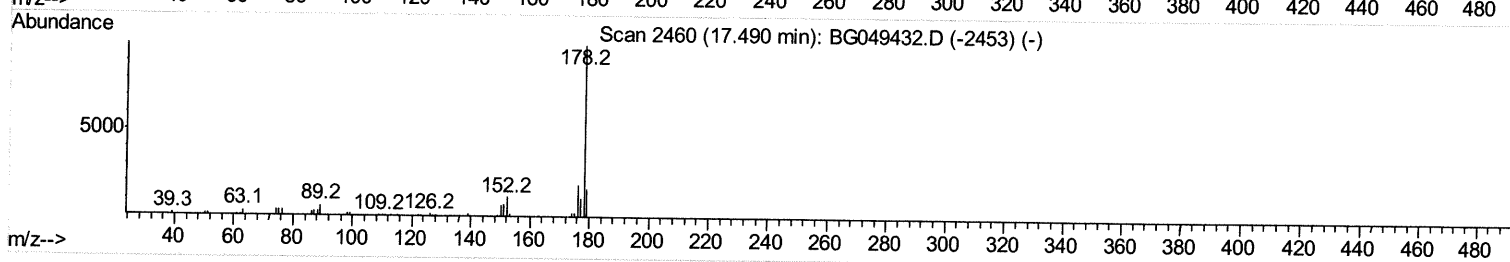
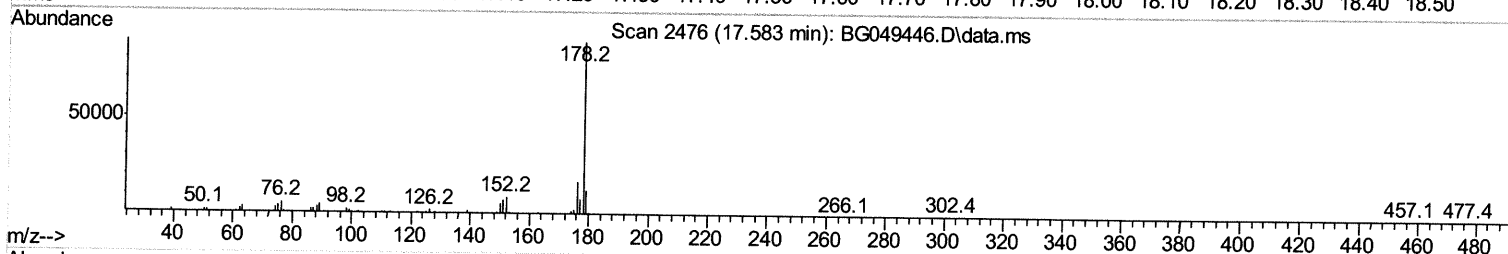
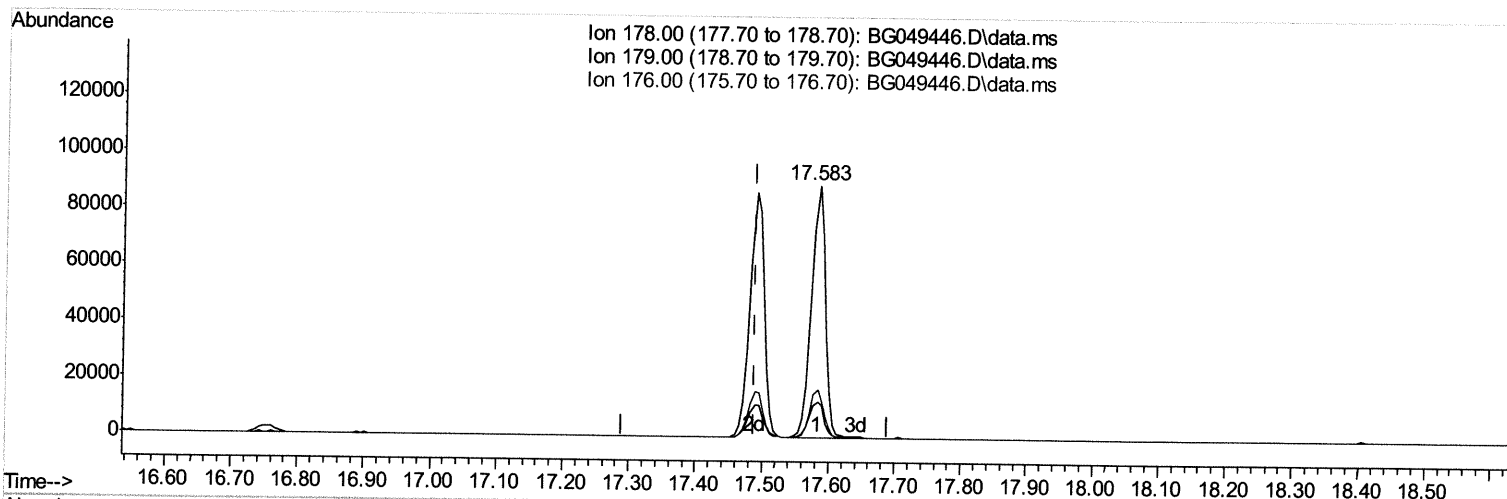
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
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TIC: BG049446.D\data.ms

(72) Phenanthrene

17.583min (+ 0.093) 20.58 ng/u1

response 127499

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.50	14.08
176.00	18.80	18.69
0.00	0.00	0.00

Quantitation Report (Qedit)

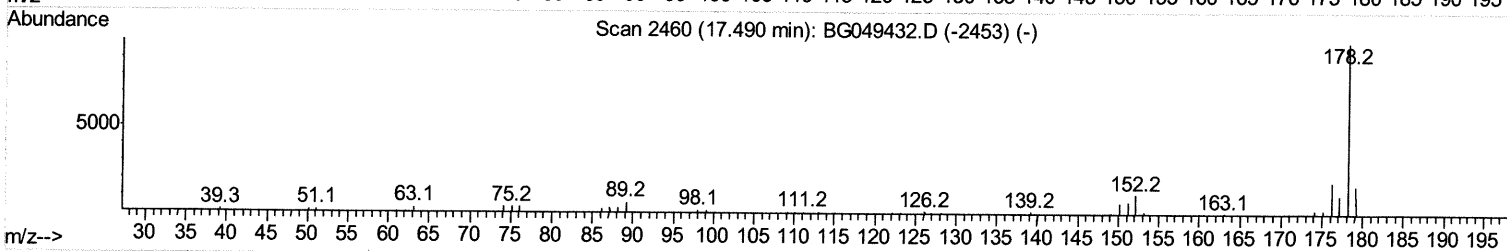
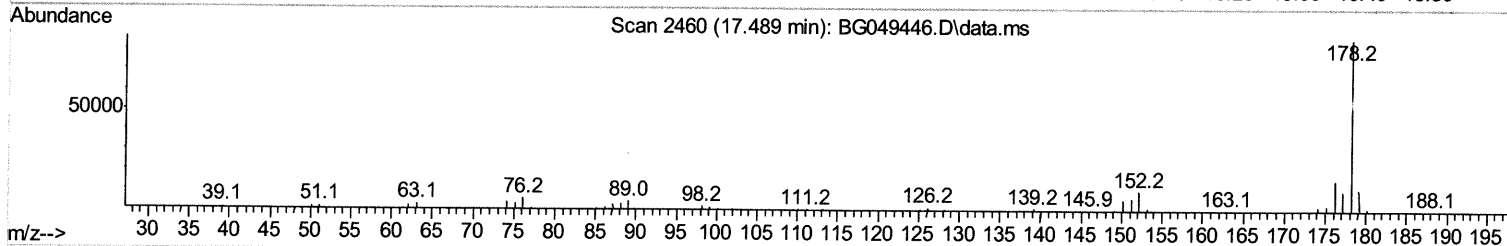
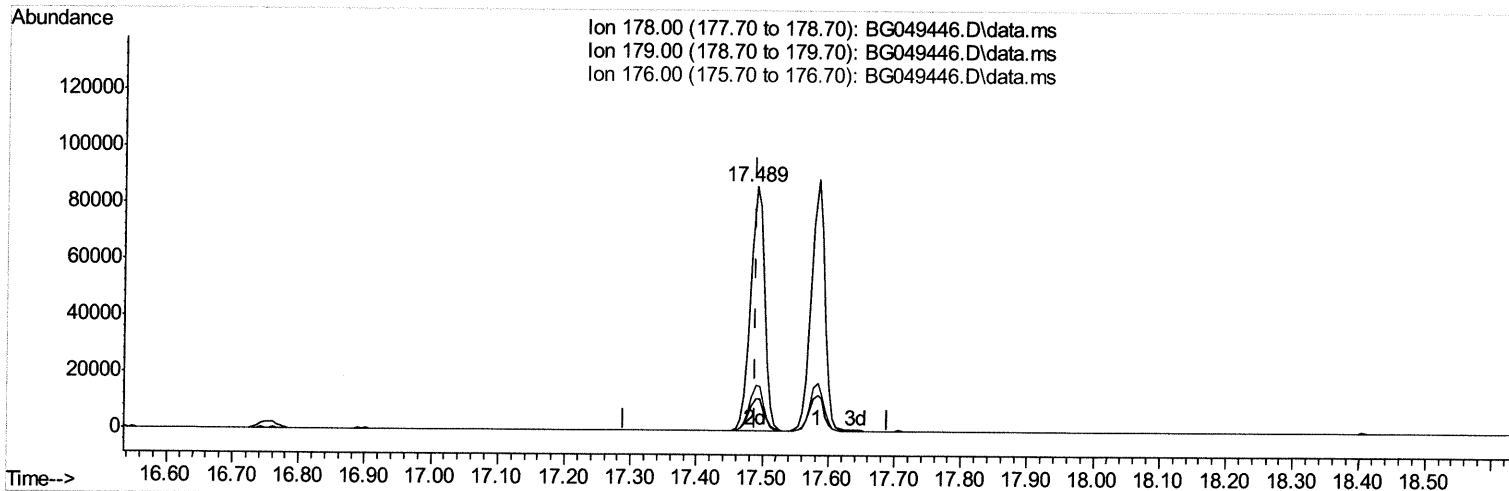
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
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TIC: BG049446.D\data.ms

(72) Phenanthrene

17.489min (-0.001) 20.44 ng/ul m 07/27/21JU

response 126631

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.50	12.95#
176.00	18.80	18.32
0.00	0.00	0.00

Quantitation Report (Qedit)

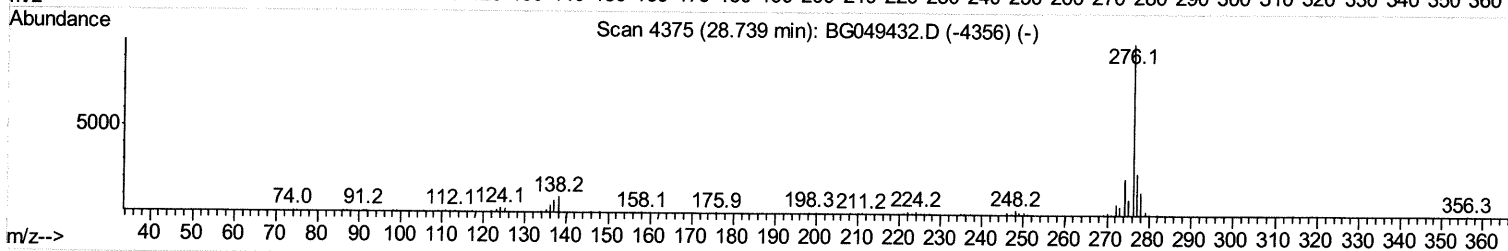
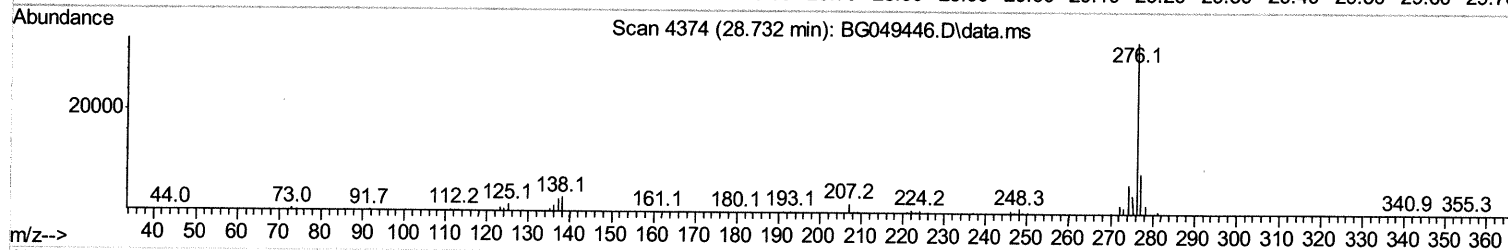
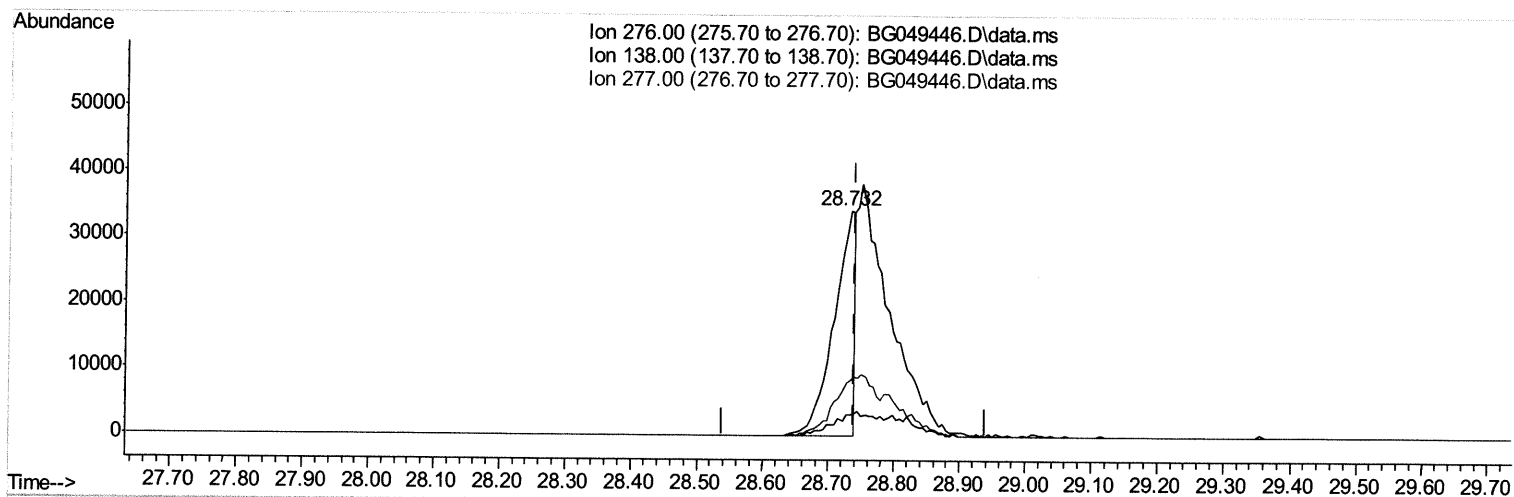
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
Data File : BG049446.D
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Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
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Manual Integrations
APPROVED

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TIC: BG049446.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.732min (-0.007) 7.68 ng/ul

response 77330

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	8.89
277.00	24.00	24.16
0.00	0.00	0.00

Quantitation Report (Qedit)

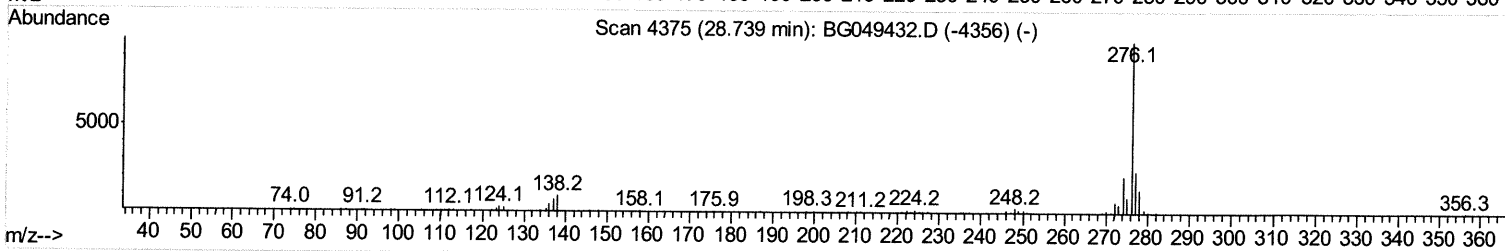
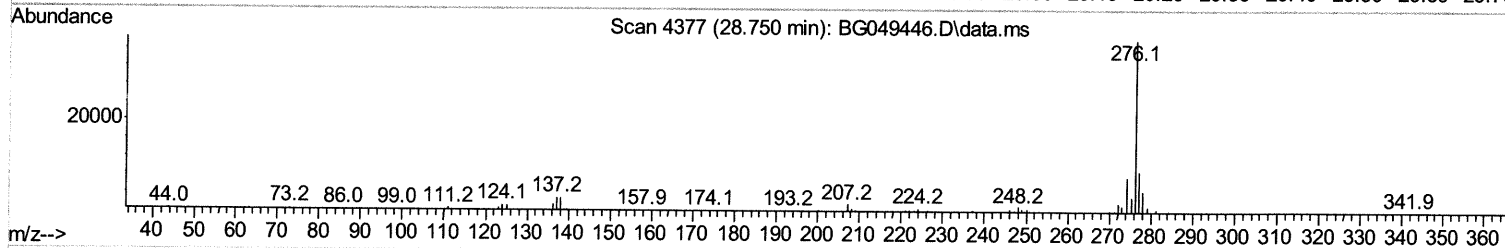
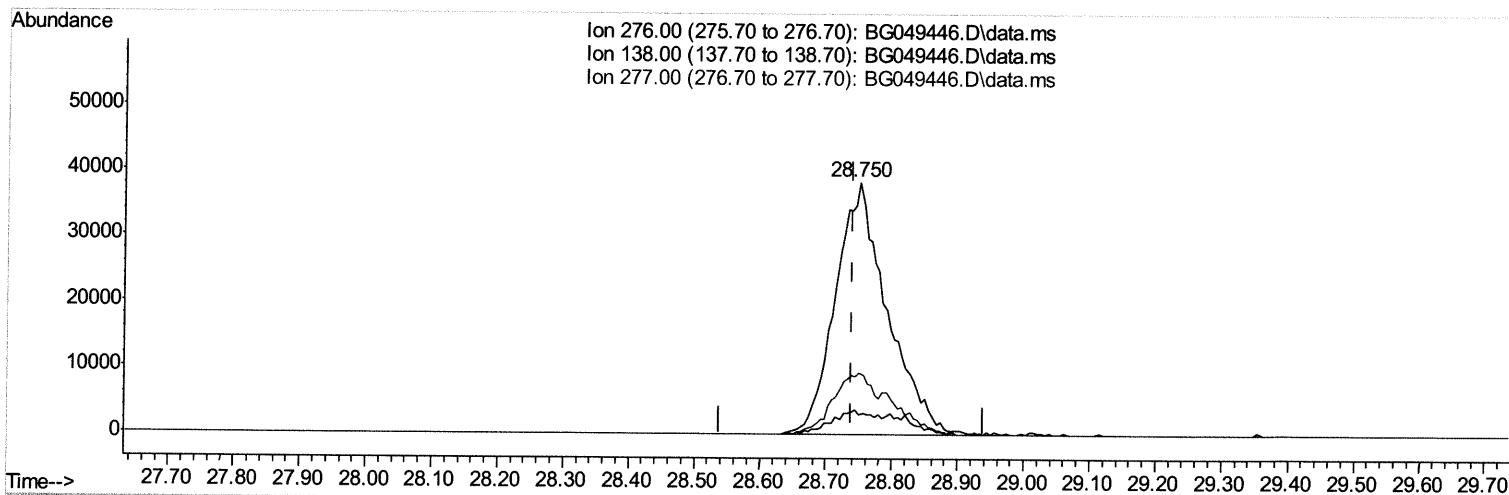
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ALS Vial : 2 Sample Multiplier: 1

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TIC: BG049446.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.750min (+ 0.011) 20.61 ng/ul m 07/27/21 JU

response 207569

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	7.38
277.00	24.00	24.11
0.00	0.00	0.00

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	8.043	152	20050	20.00 ng/ul	0.00
20) Naphthalene-d8	10.868	136	76805	20.00 ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	55057	20.00 ng/ul	0.00
64) Phenanthrene-d10	17.448	188	119003	20.00 ng/ul	0.00
79) Chrysene-d12	21.730	240	137567	20.00 ng/ul	0.00
88) Perylene-d12	25.008	264	145194	20.00 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.425	96	3526	8.05 ng/uL	-0.01
4) Pyridine-d5	3.854	84	25039	19.89 ng/ul	0.00
7) Phenol-d5	7.197	99	33620	18.95 ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.361	67	18862	18.77 ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132	25406	19.98 ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	25706	19.22 ng/ul	0.00
21) Nitrobenzene-d5	9.212	128	12287	20.81 ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	14206	20.53 ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	25407	20.19 ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	32684	18.63 ng/ul	0.00
46) Dimethylphthalate-d6	14.099	166	82098	19.47 ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	96964	19.79 ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	12703	18.29 ng/ul	0.00
60) Fluorene-d10	15.685	176	71702	19.73 ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	13224	17.93 ng/ul	0.00
73) Anthracene-d10	17.548	188	112317	20.31 ng/ul	0.00
81) Pyrene-d10	19.833	212	137744	19.58 ng/ul	0.00
92) Benzo(a)pyrene-d12	24.779	264	148279	19.43 ng/ul	0.01
Target Compounds					
2) 1,4-Dioxane	3.467	88	4241	7.08 ng/ul#	93
5) Pyridine	3.872	79	27760	20.62 ng/ul	94
6) Benzaldehyde	7.179	77	25076	23.69 ng/ul	95
8) Phenol	7.226	94	33154	19.13 ng/ul	93
10) Bis(2-Chloroethyl)ether	7.461	93	23380	19.58 ng/ul#	91
12) 2-Chlorophenol	7.608	128	24538	20.04 ng/ul	90
13) 2-Methylphenol	8.489	108	24851	18.82 ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.571	45	26901	19.23 ng/ul#	92
16) Acetophenone	8.871	105	42107	19.57 ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.853	70	22962	20.69 ng/ul#	93
18) 4-Methylphenol	8.818	108	27429	19.74 ng/ul	100
19) Hexachloroethane	9.135	117	12157	22.04 ng/ul	84
22) Nitrobenzene	9.259	77	36333	20.61 ng/ul	95
23) Isophorone	9.782	82	60311	20.41 ng/ul	98
25) 2-Nitrophenol	9.970	139	14420	22.14 ng/ul	92
26) 2,4-Dimethylphenol	10.028	107	33922	21.86 ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.263	93	29782	20.21 ng/ul	97
29) 2,4-Dichlorophenol	10.510	162	25205	20.49 ng/ul	96
30) Naphthalene	10.915	128	79505	20.10 ng/ul#	97
32) 4-Chloroaniline	11.027	127	32233	19.32 ng/ul	96
33) Hexachlorobutadiene	11.203	225	20069	21.34 ng/ul	93
34) Caprolactam	11.779	113	7486m	17.89 ng/ul >	07/27/2021
35) 4-Chloro-3-methylphenol	12.149	107	28306	20.45 ng/ul	94
36) 2-Methylnaphthalene	12.525	142	58838	20.32 ng/ul	99
37) 1-Methylnaphthalene	12.742	142	59598	20.37 ng/ul#	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.895	216	32725	20.00	ng/ul	94
40) Hexachlorocyclopentadiene	12.871	237	17551	17.80	ng/ul	90
41) 2,4,6-Trichlorophenol	13.130	196	19545	19.44	ng/ul#	66
42) 2,4,5-Trichlorophenol	13.206	196	21037	19.59	ng/ul	98
43) 1,1'-Biphenyl	13.529	154	77229	19.70	ng/ul	96
44) 2-Chloronaphthalene	13.576	162	60867	19.95	ng/ul	97
45) 2-Nitroaniline	13.776	65	21626	19.97	ng/ul	93
47) Dimethylphthalate	14.140	163	78232	19.07	ng/ul	97
48) 2,6-Dinitrotoluene	14.264	165	15965	19.50	ng/ul#	89
50) Acenaphthylene	14.422	152	93618	20.01	ng/ul	95
51) 3-Nitroaniline	14.599	138	15440	18.91	ng/ul#	76
52) Acenaphthene	14.763	153	66806	19.91	ng/ul	93
53) 2,4-Dinitrophenol	14.804	184	5763	14.13	ng/ul#	70
55) 4-Nitrophenol	14.904	109	16882	17.93	ng/ul	94
56) Dibenzofuran	15.098	168	91231	20.14	ng/ul	96
57) 2,4-Dinitrotoluene	15.057	165	24241	20.89	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.321	232	18115	18.59	ng/ul#	92
59) Diethylphthalate	15.509	149	82078	19.34	ng/ul	99
61) Fluorene	15.744	166	76776	19.96	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.738	204	39541	19.75	ng/ul	93
63) 4-Nitroaniline	15.762	138	17460	21.57	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.820	198	12691	18.70	ng/ul#	82
67) N-Nitrosodiphenylamine	15.950	169	63256	20.28	ng/ul	99
68) 4-Bromophenyl-phenylether	16.631	248	27448	20.71	ng/ul	96
69) Hexachlorobenzene	16.754	284	30461	20.32	ng/ul	95
70) Atrazine	16.895	200	29184	20.49	ng/ul	97
71) Pentachlorophenol	17.101	266	10287	14.82	ng/ul	97
72) Phenanthrene	17.489	178	126631m >	20.44	ng/ul >	07/27/2021
74) Anthracene	17.583	178	127499	20.31	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.500	216	32477	20.08	ng/ul	98
76) Pentachlorobenzene	15.016	250	35163	20.55	ng/ul	99
77) Carbazole	17.853	167	114384	20.38	ng/ul	98
78) Di-n-butylphthalate	18.405	149	142726	20.45	ng/ul	100
80) Fluoranthene	19.498	202	164562	19.27	ng/ul	100
82) Pyrene	19.862	202	170050	20.05	ng/ul#	97
83) Butylbenzylphthalate	20.743	149	67114	20.33	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.618	252	66066	20.90	ng/ul	98
85) Benzo(a)anthracene	21.707	228	170274	20.24	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.607	149	95535	19.50	ng/ul	98
87) Chrysene	21.777	228	159246	19.78	ng/ul	99
89) Di-n-octyl phthalate	22.840	149	158368	18.56	ng/ul	100
90) Benzo(b)fluoranthene	23.962	252	178492	19.61	ng/ul#	96
91) Benzo(k)fluoranthene	24.033	252	178859	20.08	ng/ul#	96
93) Benzo(a)pyrene	24.849	252	156062	19.77	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.750	276	207569m >	20.61	ng/ul >	07/27/2021
95) Dibenzo(a,h)anthracene	28.809	278	170945	20.51	ng/ul	98
96) Benzo(g,h,i)perylene	29.907	276	168041	20.06	ng/ul#	94

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