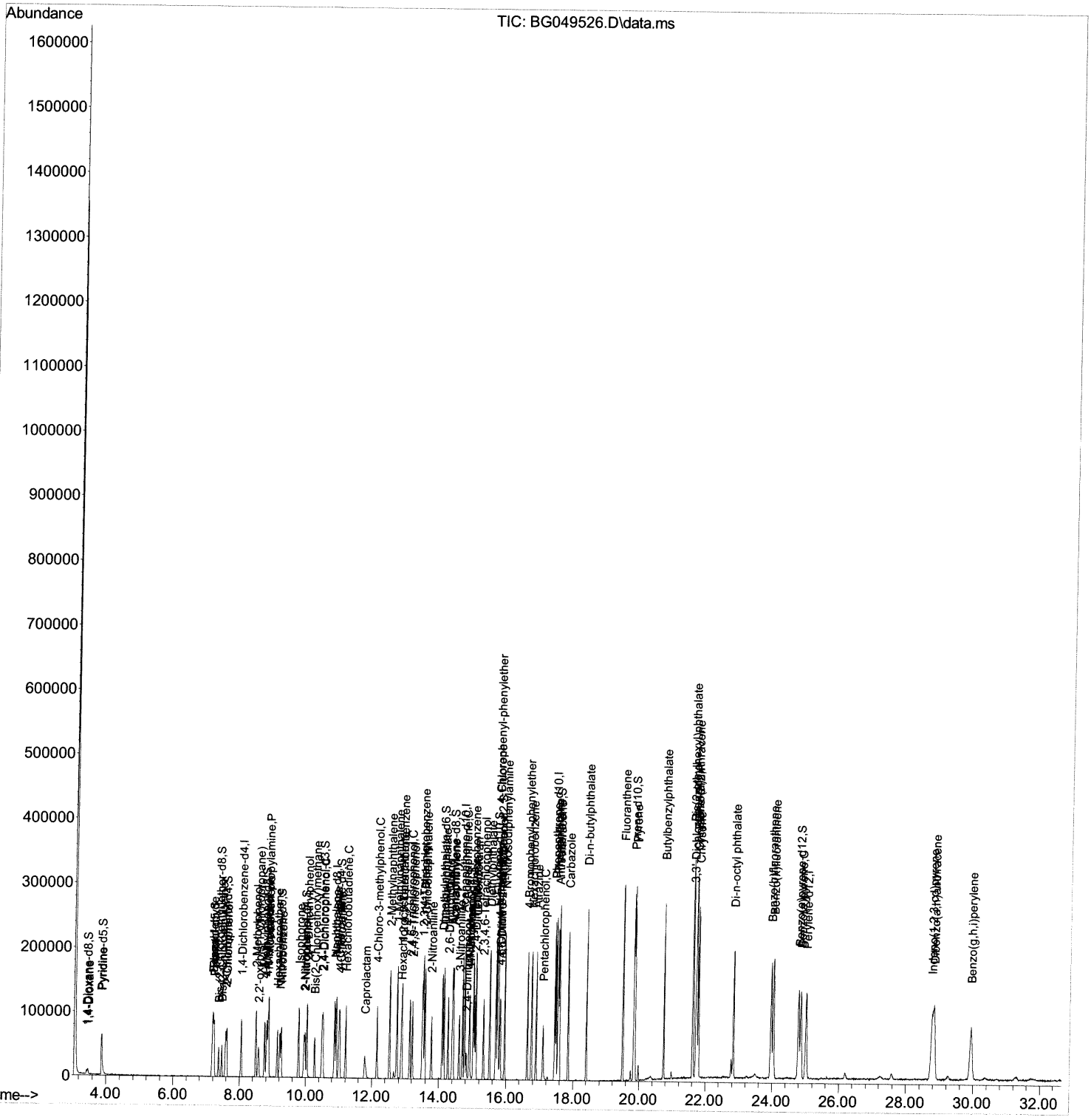
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049526.D
Acq On : 28 Jul 2021 9:49
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 28 11:18:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
7/29/2021 1:41:45 PM



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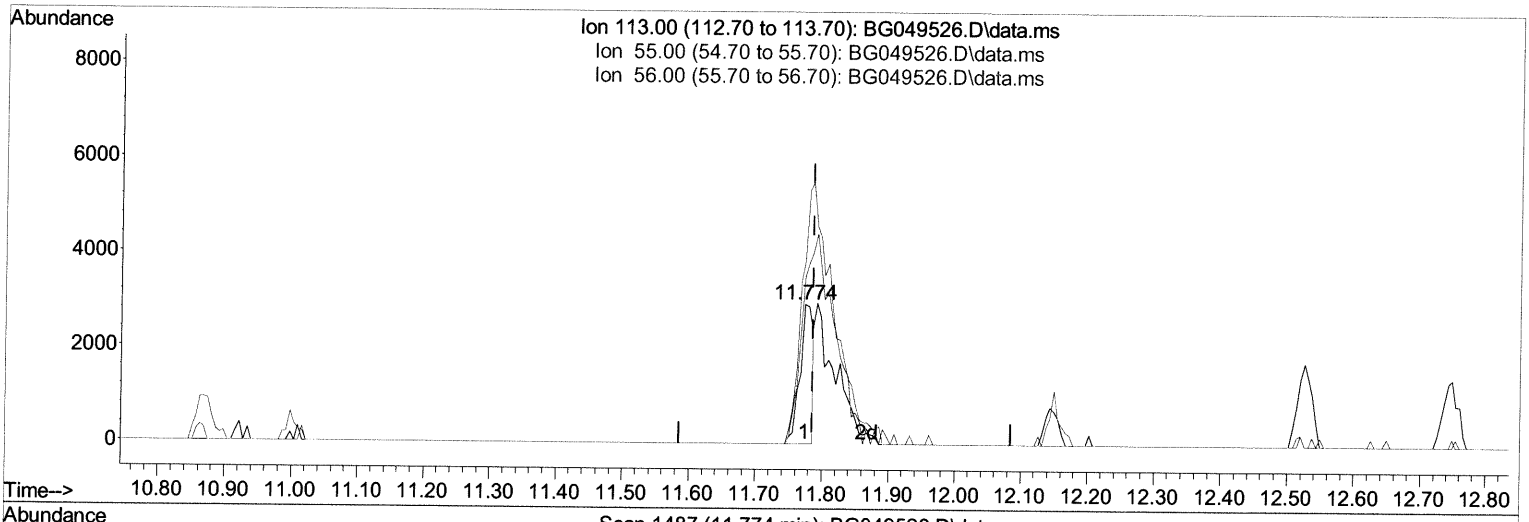

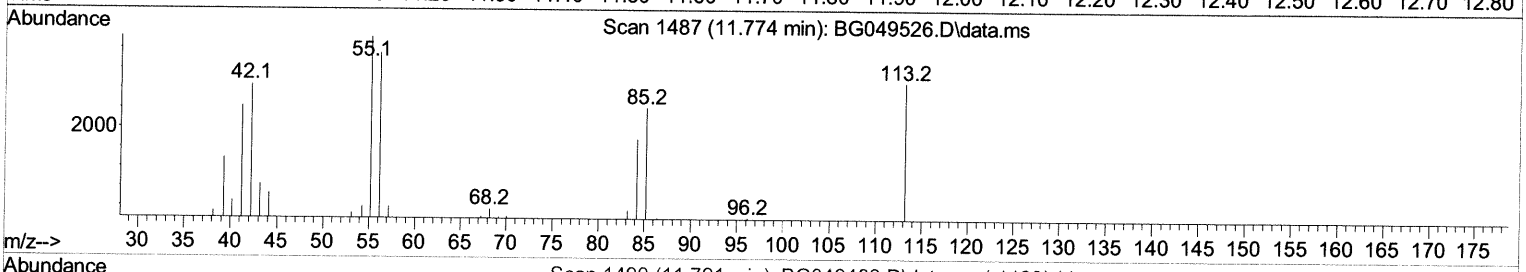

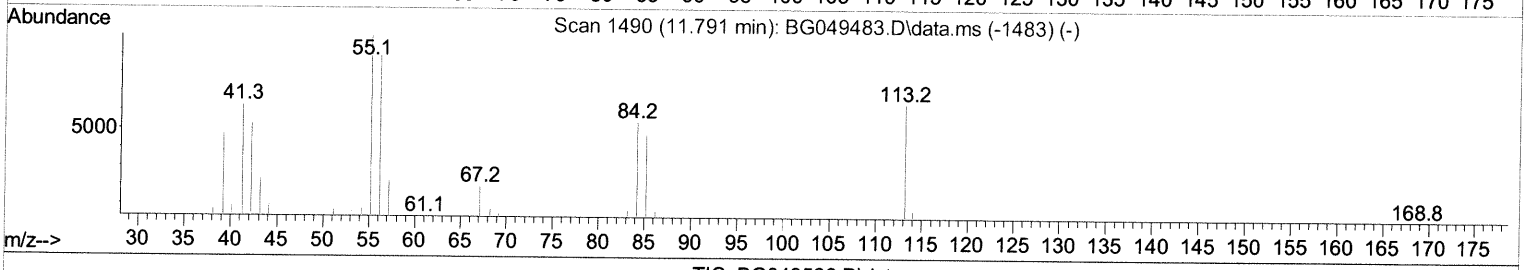

TIC: BG049526.D\data.ms

(34) Caprolactam

11.774min (-0.012) 7.66 ng/ul

response 3953

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	130.59
56.00	118.80	119.68
0.00	0.00	0.00

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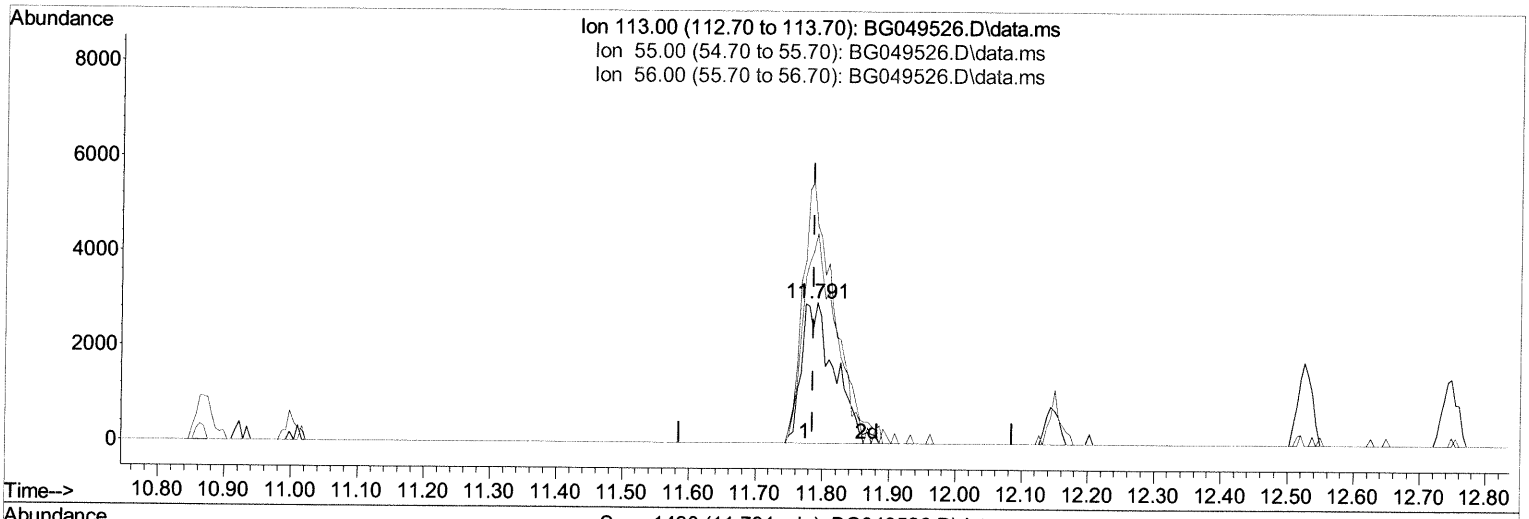

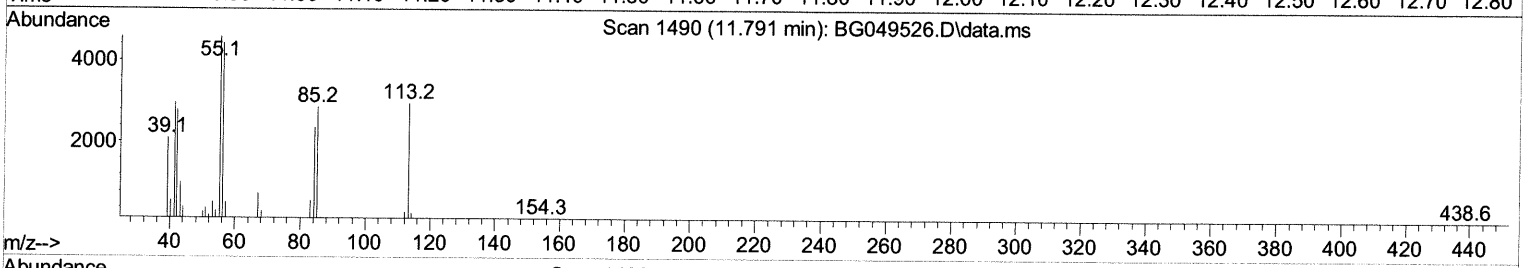

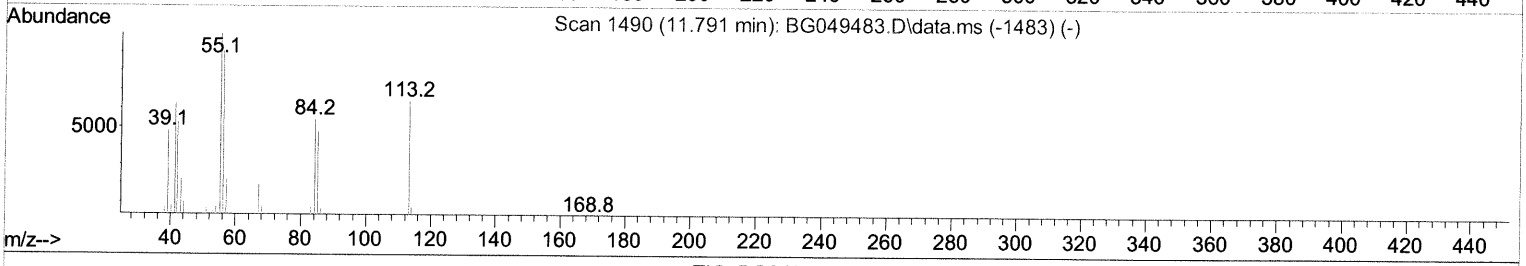

TIC: BG049526.D\data.ms

(34) Caprolactam

11.791min (+ 0.006) 19.87 ng/ul m 07/30/21 JU

response 10252

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	154.47
56.00	118.80	149.56#
0.00	0.00	0.00

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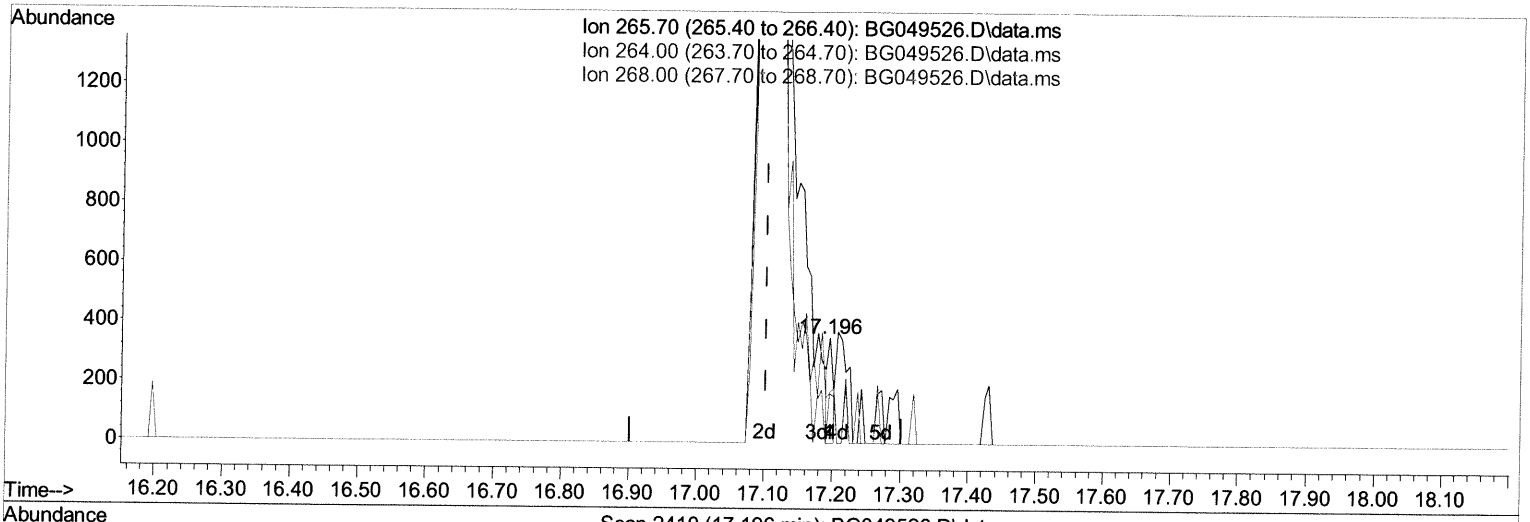

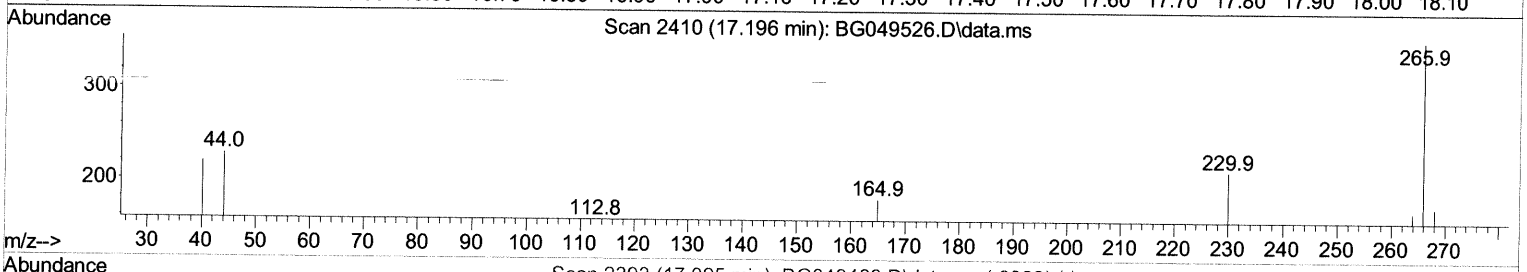

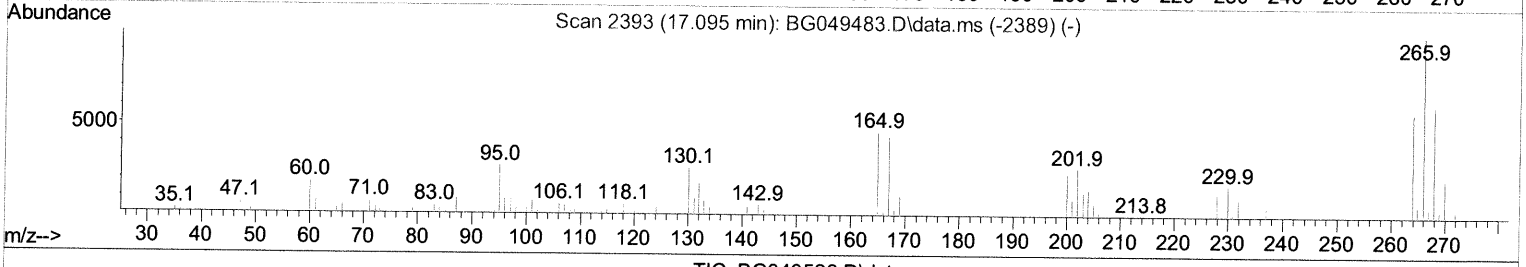

TIC: BG049526.D\data.ms

(71) Pentachlorophenol (C)

17.196min (+ 0.094) 0.21 ng/ul

response 187

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	54.70	47.32
268.00	57.80	48.73
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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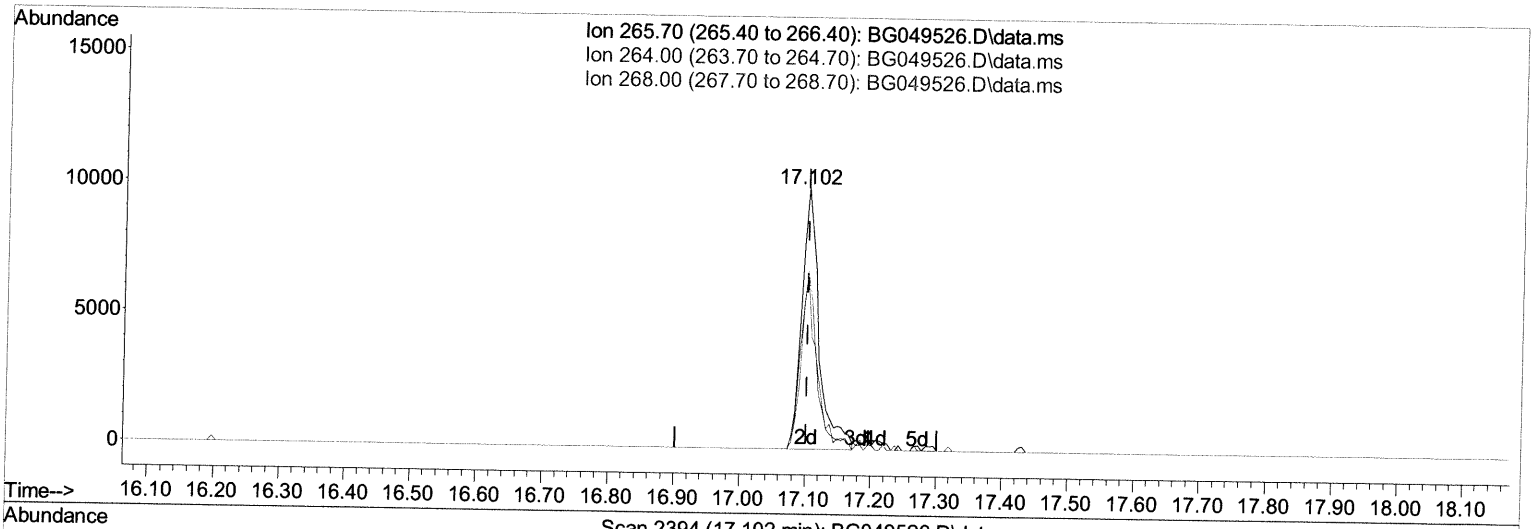

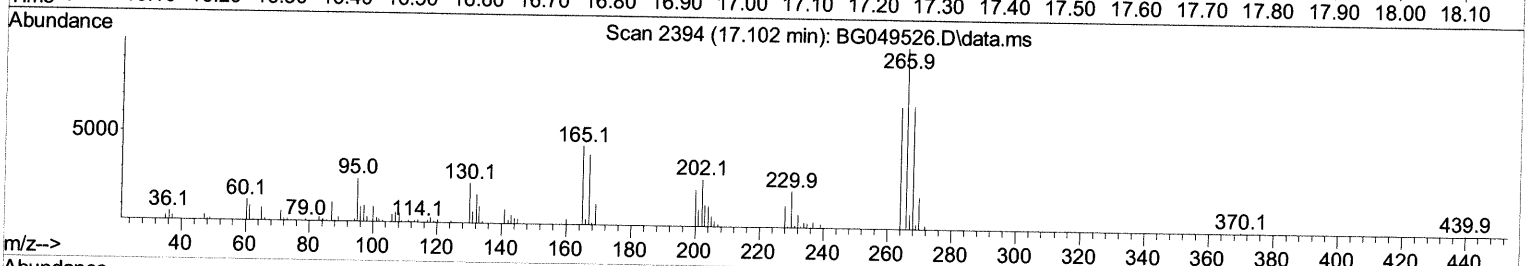

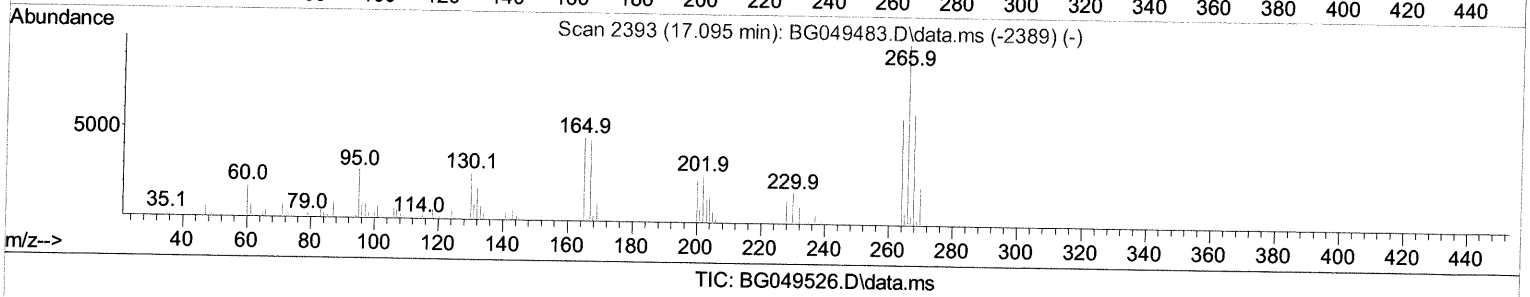

TIC: BG049526.D\data.ms

(71) Pentachlorophenol (C)

17.102min (-0.000) 20.58 ng/ul m 07/30/21 JU

response 18243

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	54.70	67.97#
268.00	57.80	68.21
0.00	0.00	0.00

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Manual Integrations APPROVED
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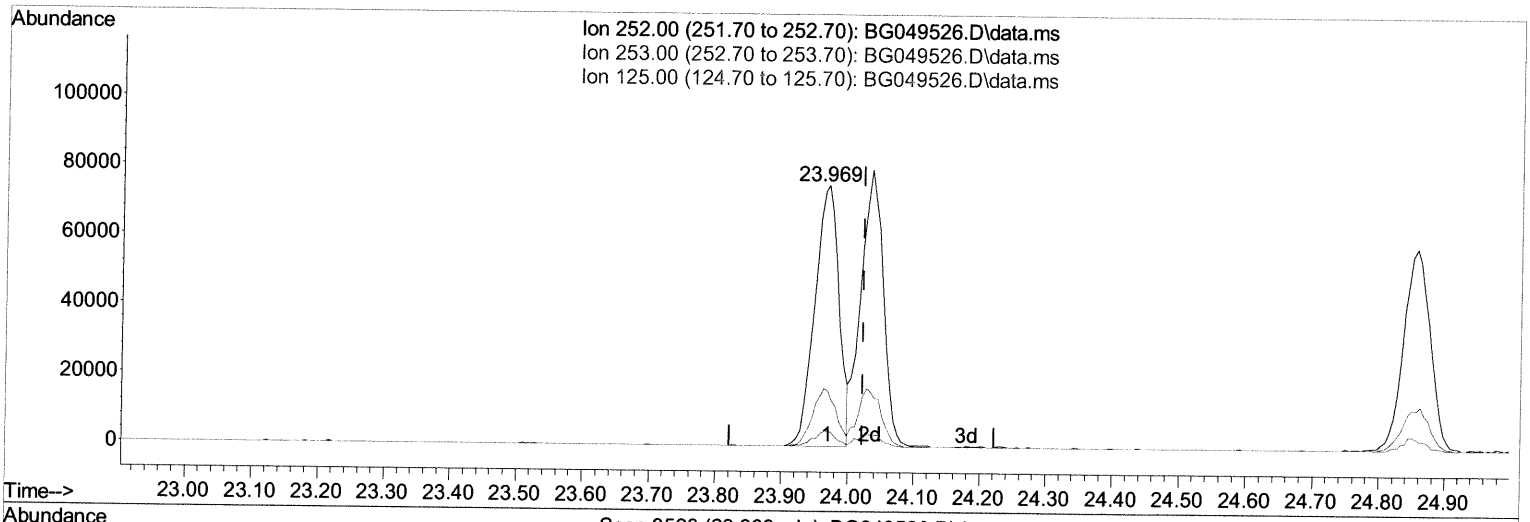

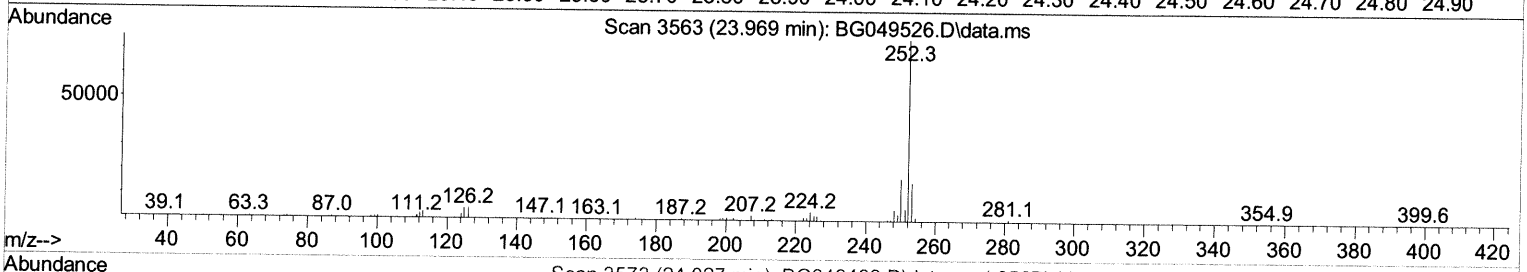

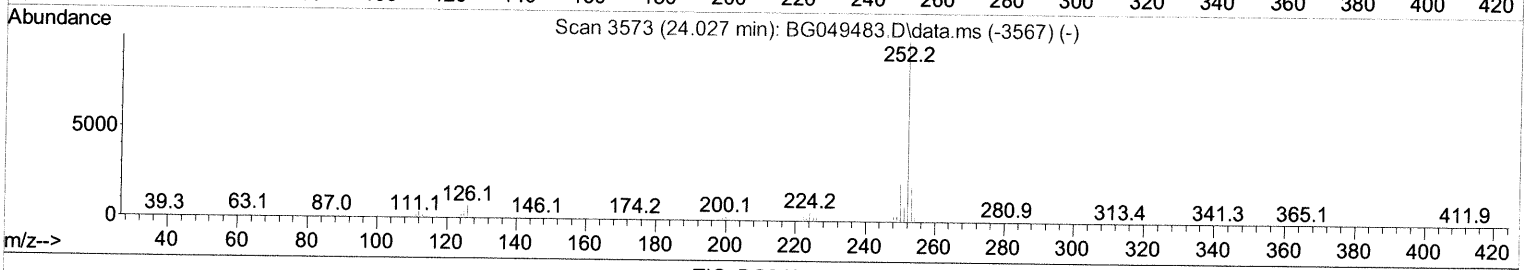

TIC: BG049526.D\data.ms

(91) Benzo(k)fluoranthene

23.969min (-0.053) 21.71 ng/ul

response 190345

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	21.03
125.00	5.80	5.67
0.00	0.00	0.00

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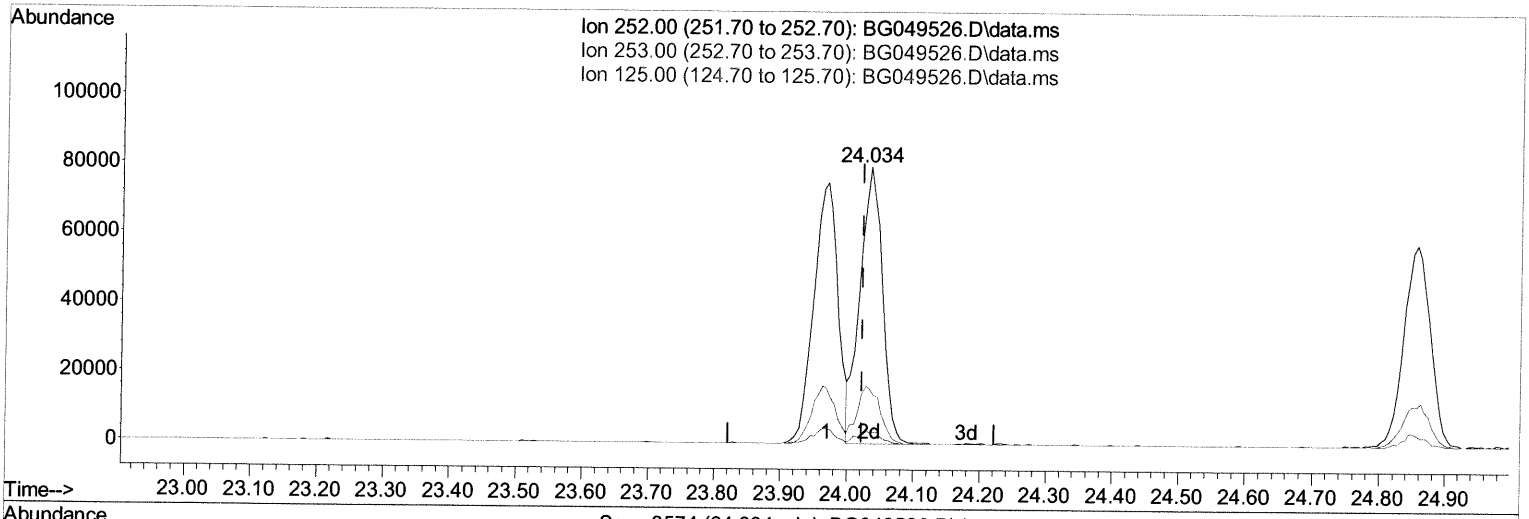

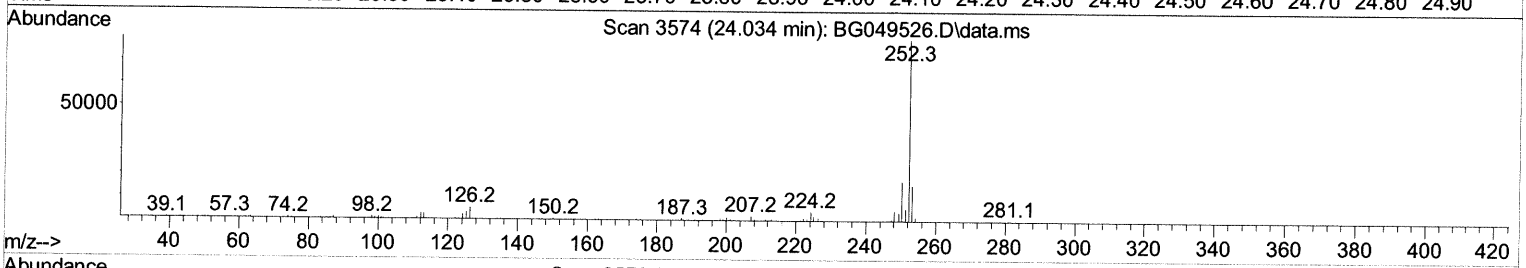

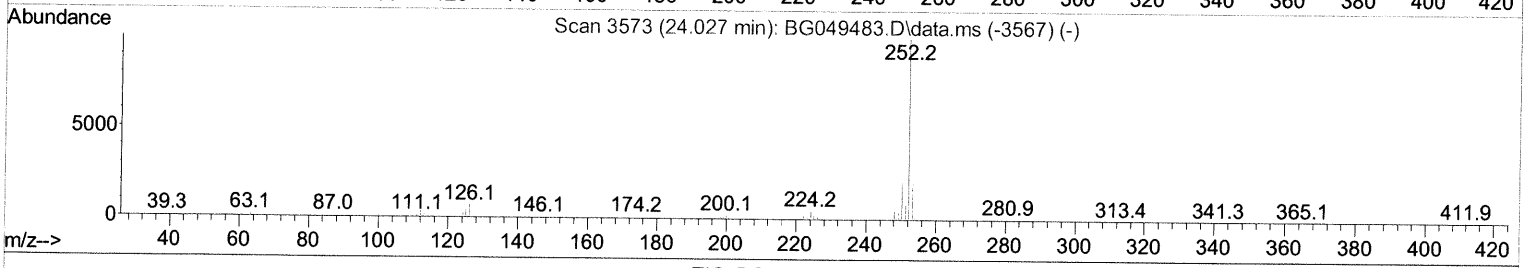

TIC: BG049526.D\data.ms

(91) Benzo(k)fluoranthene

24.034min (+ 0.012) 21.45 ng/ul m 07/30/21 JU

response 188077

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	19.73
125.00	5.80	3.98#
0.00	0.00	0.00

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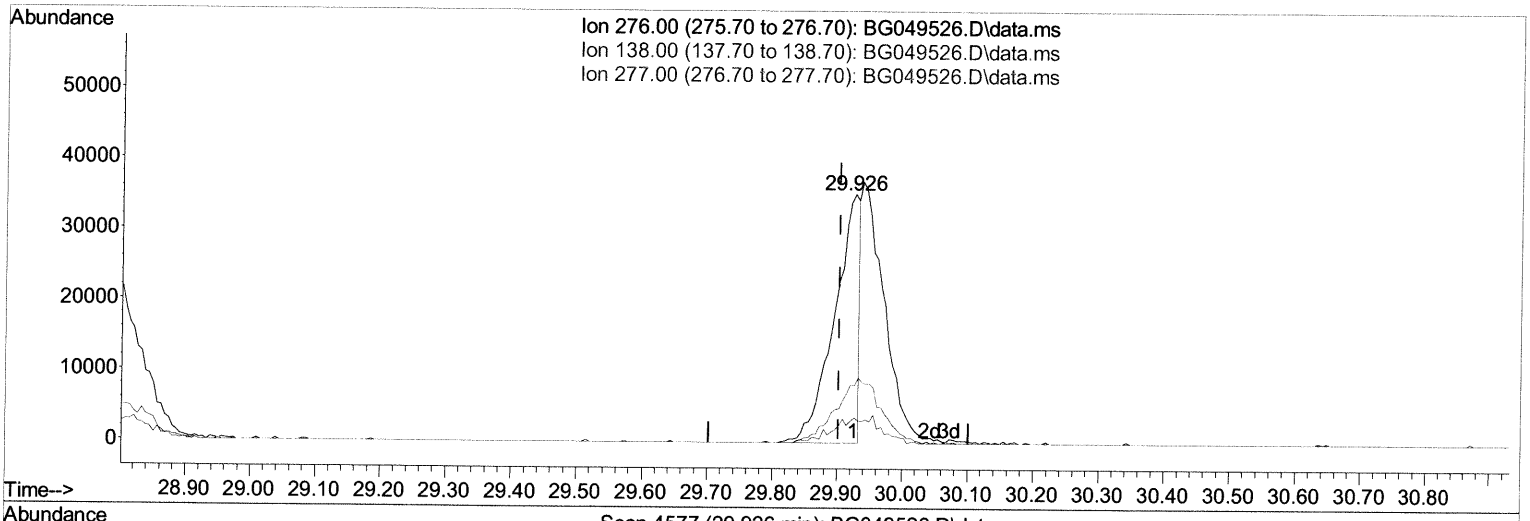

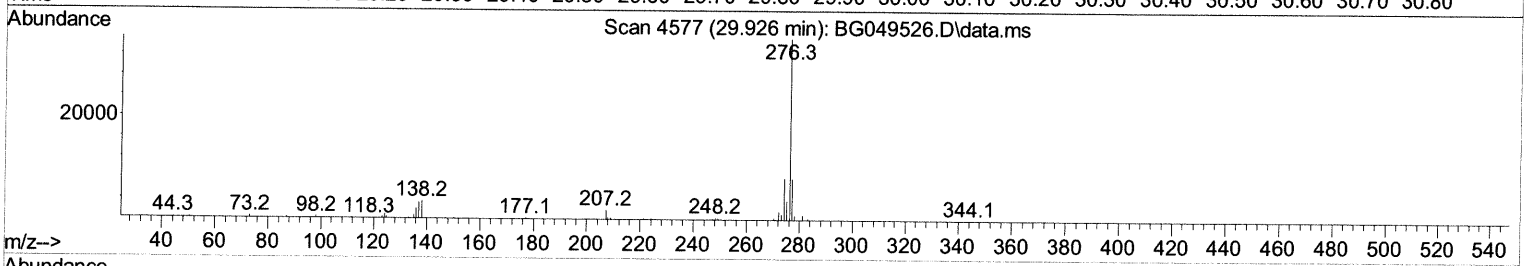

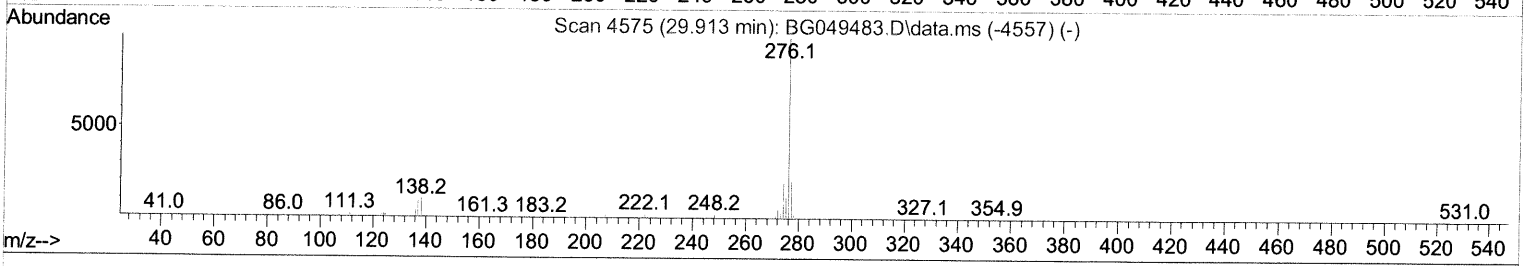

TIC: BG049526.D\data.ms

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

29.926min (+ 0.023) 11.48 ng/ul

response 94622

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.50	10.06#
277.00	25.80	23.07
0.00	0.00	0.00

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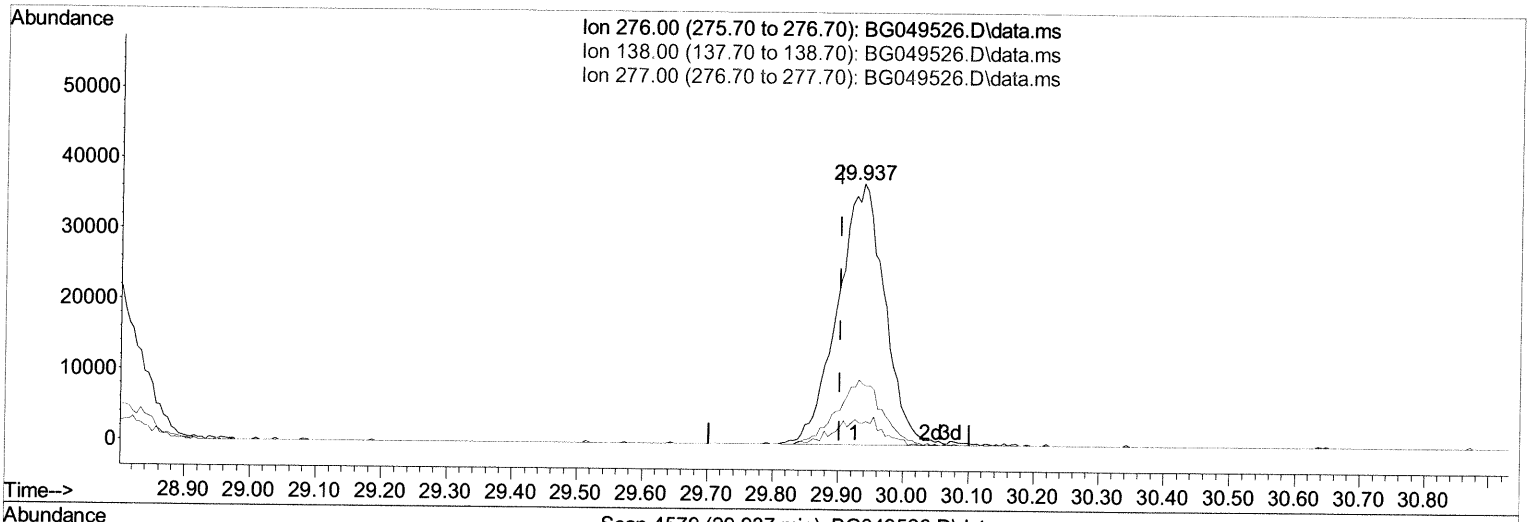

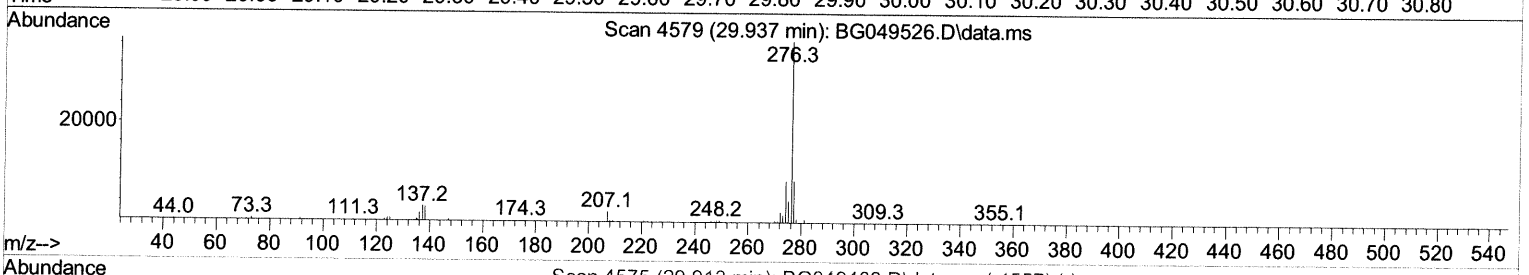

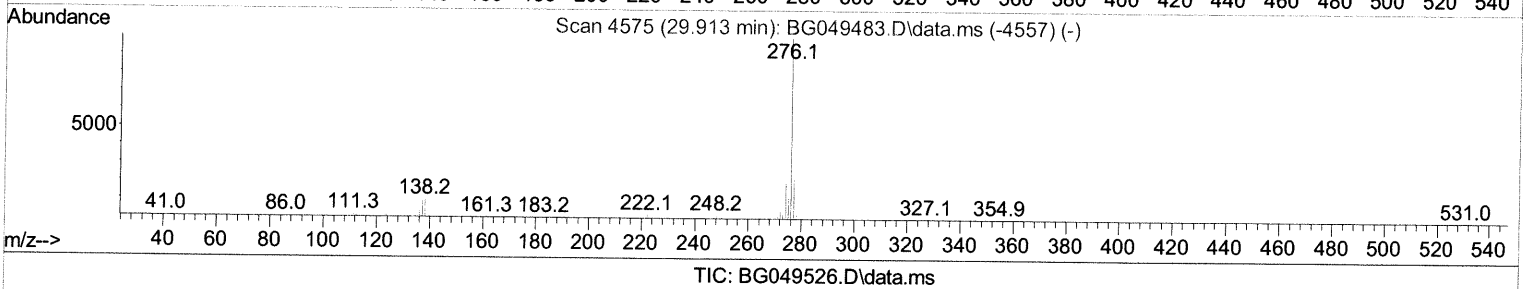

TIC: BG049526.D\data.ms

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

29.937min (+ 0.035) 22.37 ng/ul m 07/30/21 JU

response 184444

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.50	8.20#
277.00	25.80	23.27
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	21743	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.869	136	94692	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.699	164	66477	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	151966	20.000	ng/ul	0.00
79) Chrysene-d12	21.731	240	139250	20.000	ng/ul	0.00
88) Perylene-d12	25.015	264	142946	20.000	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	4017	8.452	ng/uL	-0.01
4) Pyridine-d5	3.855	84	28637	20.979	ng/ul	0.00
7) Phenol-d5	7.198	99	40050	20.819	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.368	67	23408	21.485	ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132	29874	21.664	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	29263	20.181	ng/ul	0.00
21) Nitrobenzene-d5	9.218	128	14569	20.012	ng/ul	0.00
24) 2-Nitrophenol-d4	9.947	143	16220	19.013	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	31514	20.311	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	40427	18.695	ng/ul	0.00
46) Dimethylphthalate-d6	14.100	166	101454	19.923	ng/ul	0.00
49) Acenaphthylene-d8	14.394	160	115804	19.580	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	16267	19.398	ng/ul	0.00
60) Fluorene-d10	15.692	176	85948	19.592	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	16829	17.871	ng/ul	0.00
73) Anthracene-d10	17.548	188	137713	19.498	ng/ul	0.00
81) Pyrene-d10	19.833	212	157369	22.101	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.785	264	155849	20.744	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.467	88	4382	6.746	ng/uL#	94
5) Pyridine	3.867	79	30447	20.852	ng/ul	95
6) Benzaldehyde	7.180	77	28873	25.153	ng/ul	97
8) Phenol	7.227	94	41211	21.930	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.456	93	26028	20.104	ng/ul	96
12) 2-Chlorophenol	7.609	128	28921	21.785	ng/ul#	95
13) 2-Methylphenol	8.490	108	30908	21.580	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.572	45	31677	20.879	ng/ul#	92
16) Acetophenone	8.872	105	52094	22.322	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.854	70	26843	22.306	ng/ul#	91
18) 4-Methylphenol	8.819	108	33176	22.018	ng/ul	92
19) Hexachloroethane	9.136	117	13919	23.273	ng/ul#	77
22) Nitrobenzene	9.259	77	45789	21.065	ng/ul	98
23) Isophorone	9.782	82	77012	21.143	ng/ul	97
25) 2-Nitrophenol	9.976	139	17662	21.999	ng/ul	93
26) 2,4-Dimethylphenol	10.029	107	41795	21.843	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.264	93	37483	20.633	ng/ul#	97
29) 2,4-Dichlorophenol	10.517	162	31563	20.809	ng/ul#	91
30) Naphthalene	10.916	128	103568	21.233	ng/ul	98
32) 4-Chloroaniline	11.028	127	41793	20.318	ng/ul	91
33) Hexachlorobutadiene	11.210	225	23650	20.394	ng/ul	90
34) Caprolactam	11.791	113	10252m	19.874	ng/ul	91
35) 4-Chloro-3-methylphenol	12.150	107	37013	21.688	ng/ul	91

07/30/21 JU

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Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049526.D
Acq On : 28 Jul 2021 9:49
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 28 11:18:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTDCCC020

Manual Integrations APPROVED
mohammad
7/29/2021 1:41:45 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.526	142	76200	21.345	ng/ul	98
37) 1-Methylnaphthalene	12.743	142	76943	21.329	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.896	216	40980	20.741	ng/ul	95
40) Hexachlorocyclopentadiene	12.872	237	16313	13.702	ng/ul#	99
41) 2,4,6-Trichlorophenol	13.131	196	27813	22.907	ng/ul	95
42) 2,4,5-Trichlorophenol	13.207	196	30510	23.529	ng/ul	94
43) 1,1'-Biphenyl	13.530	154	98262	20.757	ng/ul	99
44) 2-Chloronaphthalene	13.577	162	77833	21.129	ng/ul#	92
45) 2-Nitroaniline	13.777	65	29086	22.250	ng/ul	95
47) Dimethylphthalate	14.147	163	104551	21.113	ng/ul#	96
48) 2,6-Dinitrotoluene	14.270	165	21609	21.865	ng/ul#	92
50) Acenaphthylene	14.423	152	121086	21.438	ng/ul	98
51) 3-Nitroaniline	14.599	138	20428	20.725	ng/ul#	77
52) Acenaphthene	14.764	153	84965	20.974	ng/ul	98
53) 2,4-Dinitrophenol	14.817	184	9825	19.954	ng/ul#	70
55) 4-Nitrophenol	14.911	109	23230	20.429	ng/ul	98
56) Dibenzofuran	15.099	168	116644	21.324	ng/ul	98
57) 2,4-Dinitrotoluene	15.057	165	31327	22.362	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.322	232	25290	21.492	ng/ul	98
59) Diethylphthalate	15.510	149	105228	20.532	ng/ul	97
61) Fluorene	15.745	166	100233	21.585	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.739	204	50765	21.001	ng/ul	90
63) 4-Nitroaniline	15.762	138	22437	22.955	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.821	198	16332	18.840	ng/ul#	72
67) N-Nitrosodiphenylamine	15.950	169	84440	21.202	ng/ul	99
68) 4-Bromophenyl-phenylether	16.632	248	35595	21.036	ng/ul	87
69) Hexachlorobenzene	16.755	284	41162	21.500	ng/ul	97
70) Atrazine	16.896	200	37871	20.820	ng/ul	99
71) Pentachlorophenol	17.102	266	18243m	20.580	ng/ul	07/30/21 JU
72) Phenanthrene	17.495	178	161319	20.391	ng/ul	99
74) Anthracene	17.583	178	163524	20.397	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.501	216	42676	20.667	ng/uL	98
76) Pentachlorobenzene	15.016	250	47101	21.558	ng/uL	98
77) Carbazole	17.854	167	145125	20.248	ng/ul	99
78) Di-n-butylphthalate	18.406	149	181434	20.356	ng/ul	100
80) Fluoranthene	19.504	202	193889	22.426	ng/ul	99
82) Pyrene	19.863	202	192448	22.420	ng/ul	98
83) Butylbenzylphthalate	20.744	149	76419	22.867	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.625	252	69265	21.648	ng/ul	97
85) Benzo(a)anthracene	21.713	228	182597	21.448	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.607	149	103380	20.844	ng/ul	99
87) Chrysene	21.778	228	172702	21.194	ng/ul	99
89) Di-n-octyl phthalate	22.841	149	176347	20.987	ng/ul	100
90) Benzo(b)fluoranthene	23.969	252	190345	21.245	ng/ul	99
91) Benzo(k)fluoranthene	24.034	252	188077m	21.449	ng/ul	07/30/21 JU
93) Benzo(a)pyrene	24.856	252	163028	20.974	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.762	276	221525	22.337	ng/ul	98
95) Dibenzo(a,h)anthracene	28.827	278	185575	22.612	ng/ul#	95
96) Benzo(g,h,i)perylene	29.937	276	184444m	22.369	ng/ul	07/30/21 JU

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