Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050105.D
Acq On : 2 Sep 2021 20:31
Operator : CG/JU
Sample : M3526-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 03 00:58:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EW7A9MS

Manual Integrations APPROVED
mohammad
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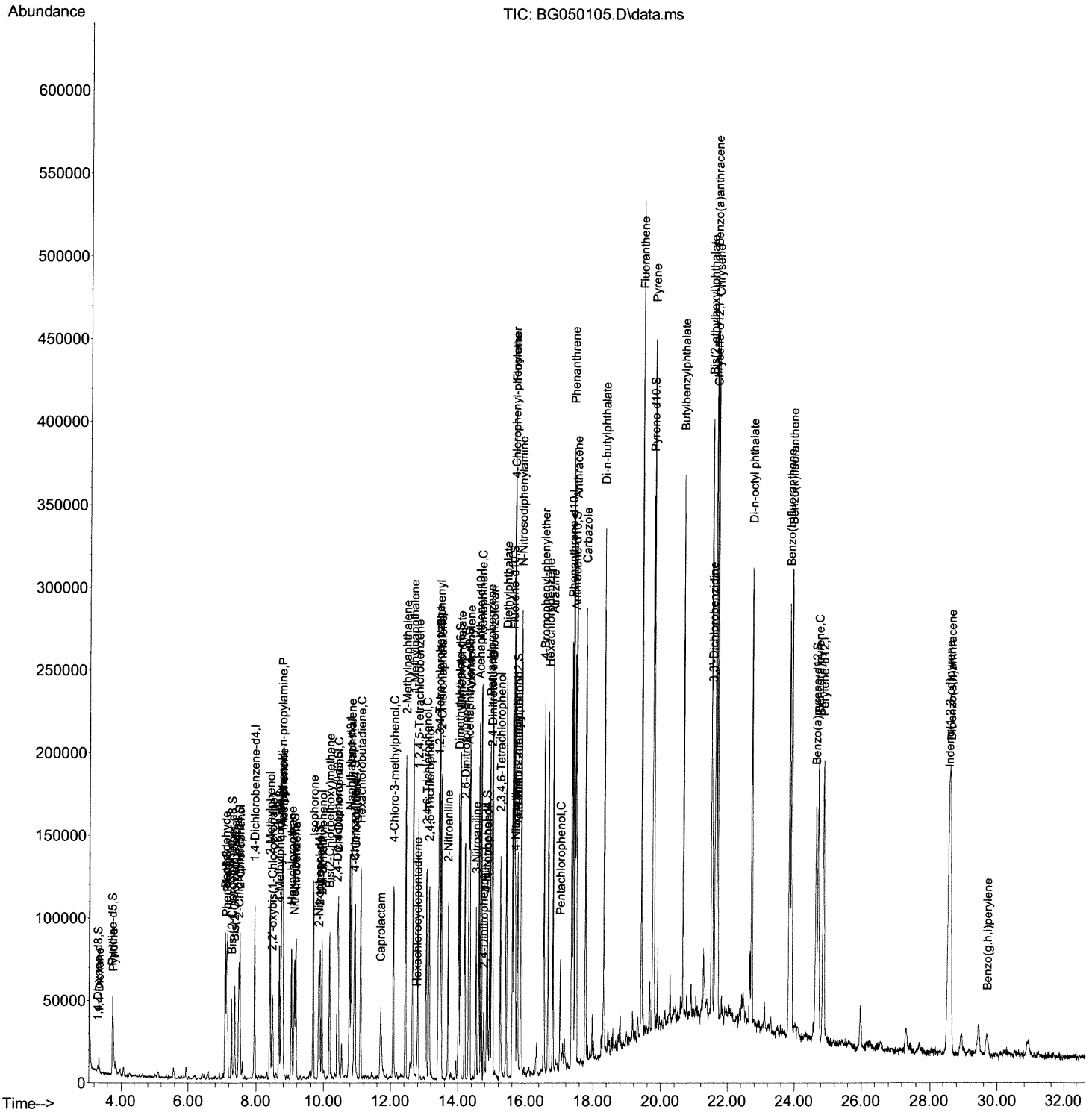

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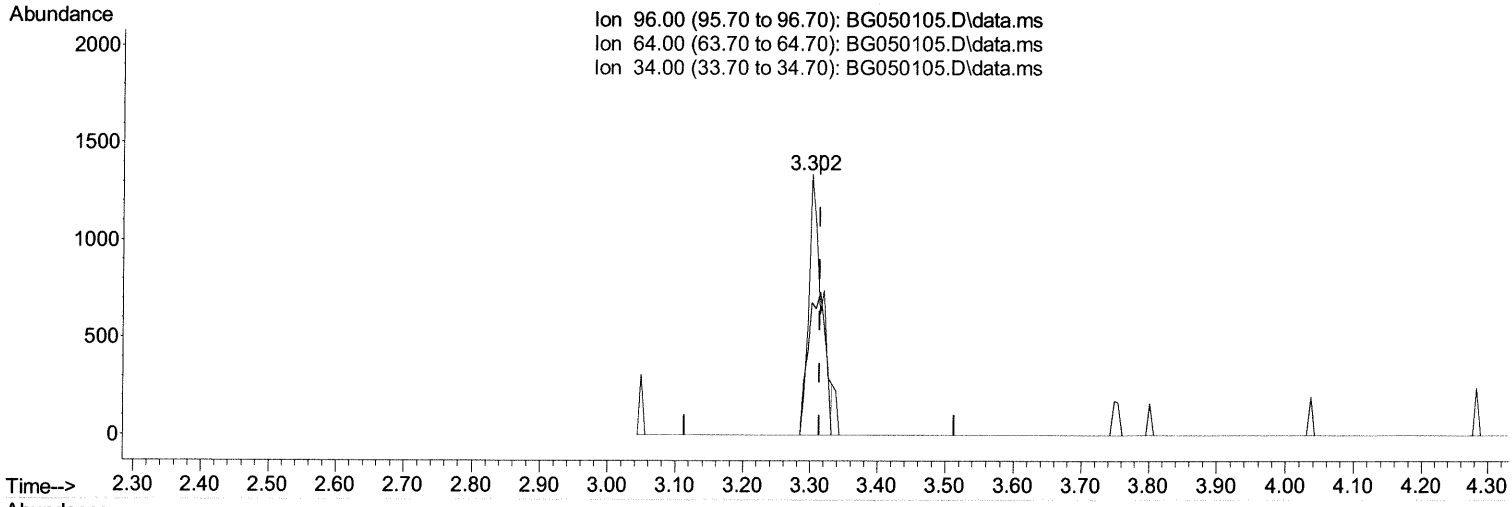

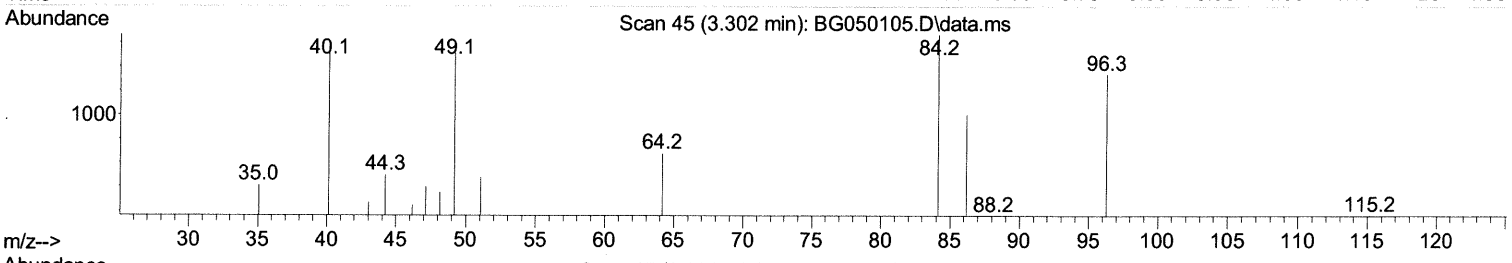

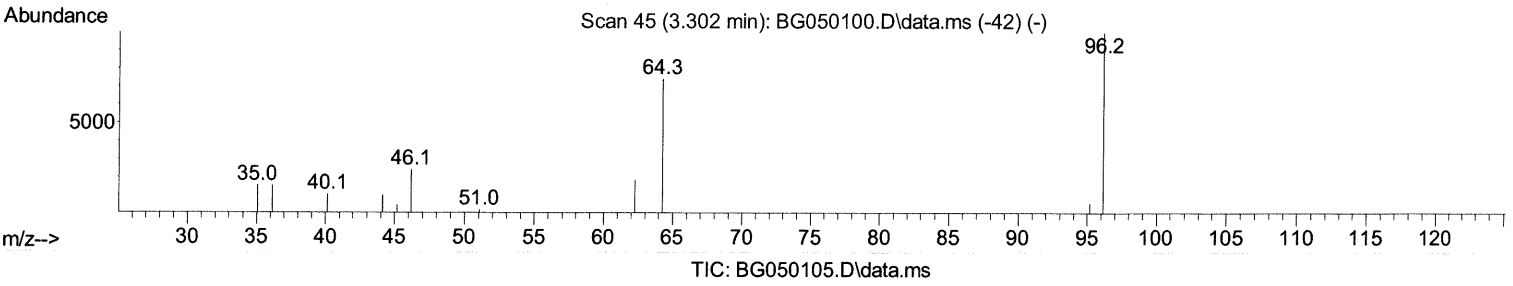

TIC: BG050105.D\data.ms

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

3.302min (-0.011) 3.39 ng/uL

response 1801

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	63.40	50.71#
34.00	0.00	0.00
0.00	0.00	0.00

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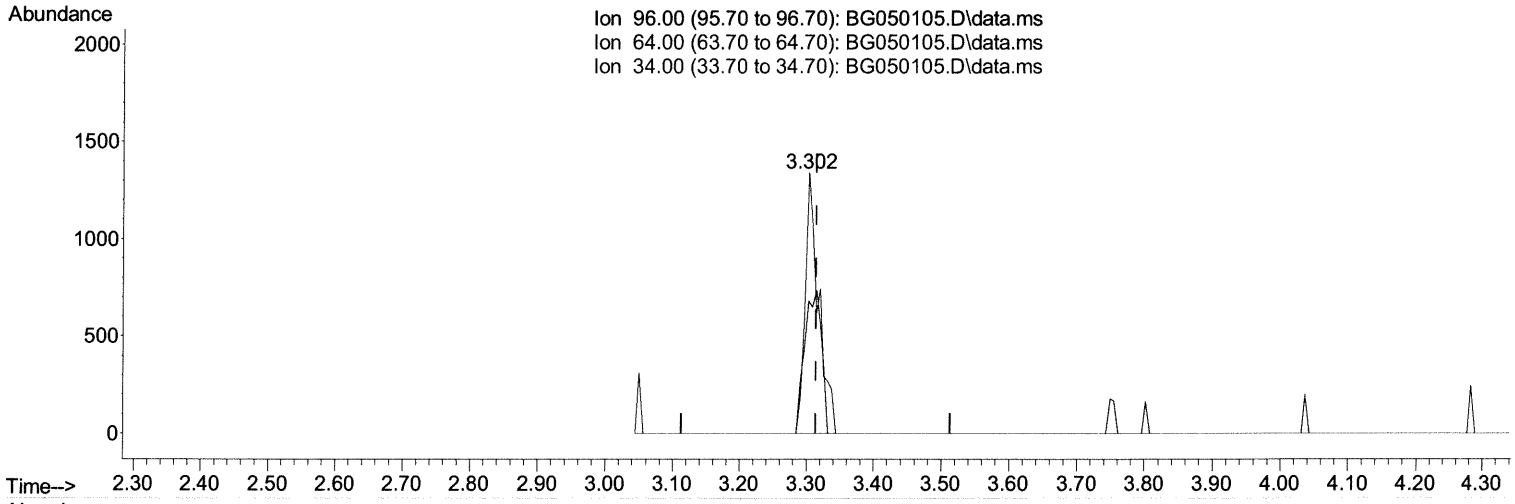

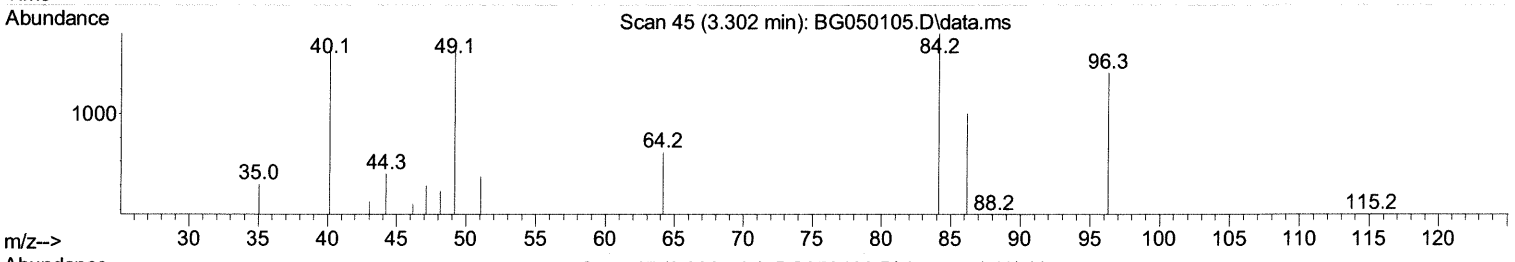

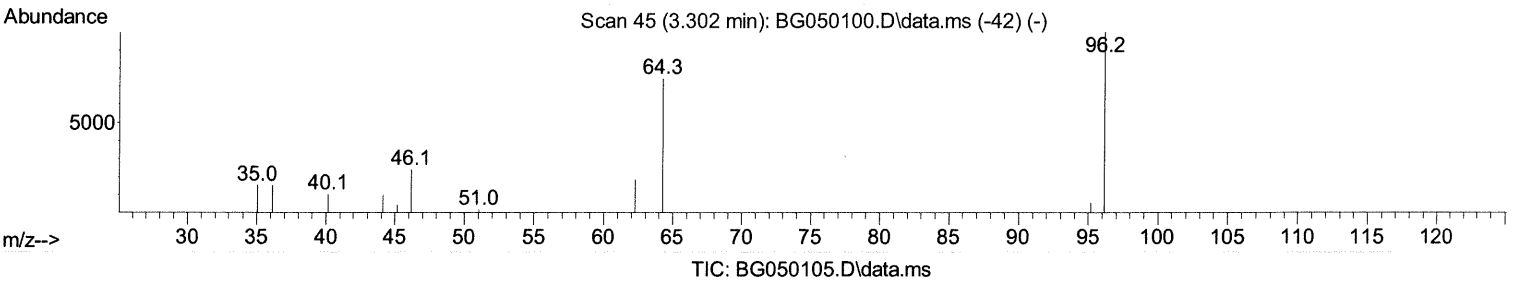

TIC: BG050105.D\data.ms

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

3.302min (-0.011) 3.54 ng/uL m

JP 9/8/21

response 1880

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	63.40	50.71#
34.00	0.00	0.00
0.00	0.00	0.00

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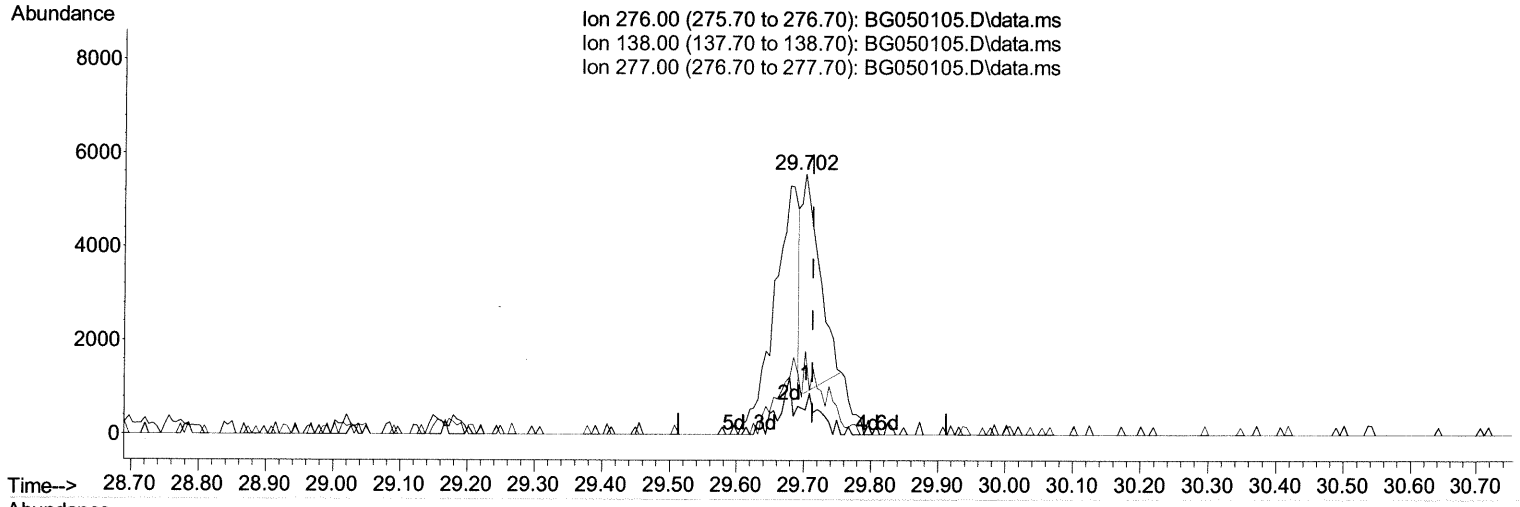

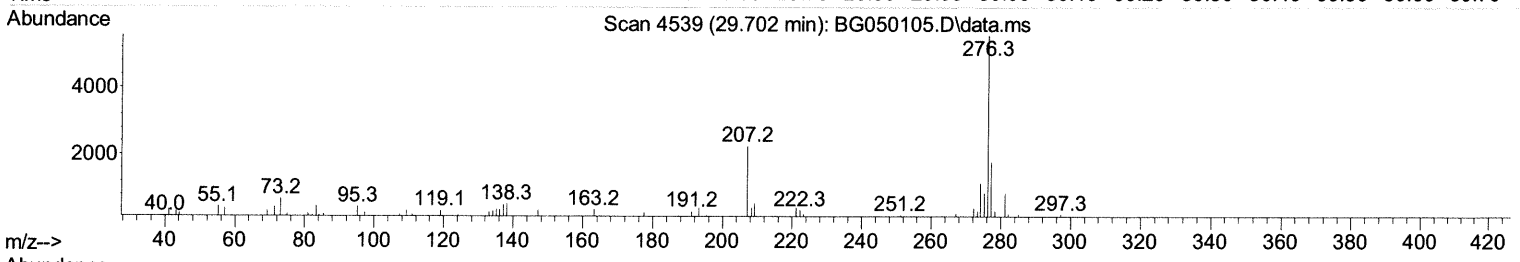

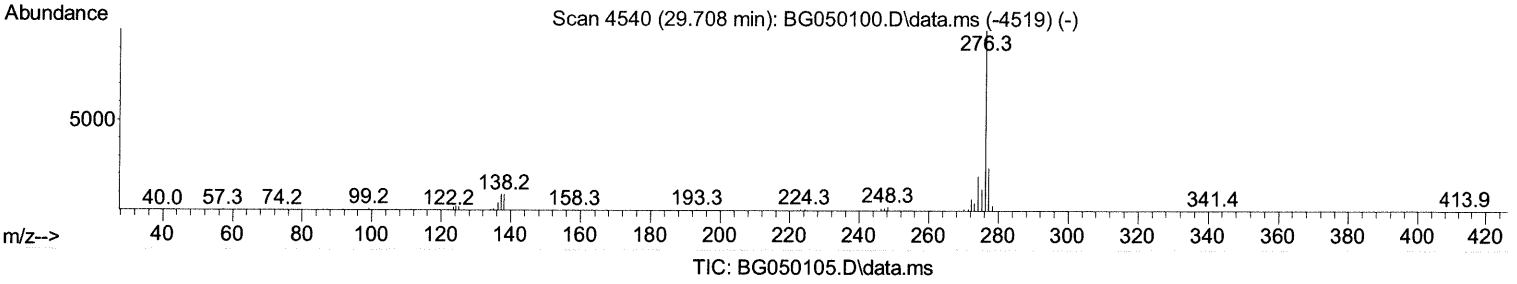

TIC: BG050105.D\data.ms

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

29.702min (-0.011) 0.82 ng/ul

response 8586

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	9.24
277.00	21.70	31.94#
0.00	0.00	0.00

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BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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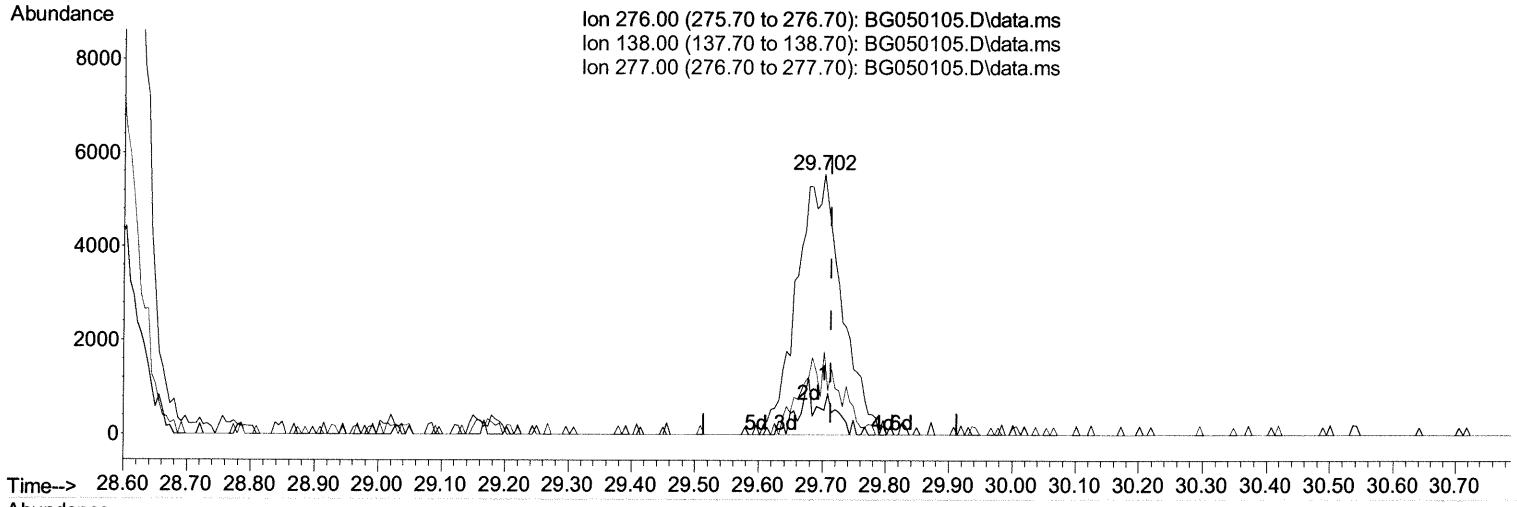

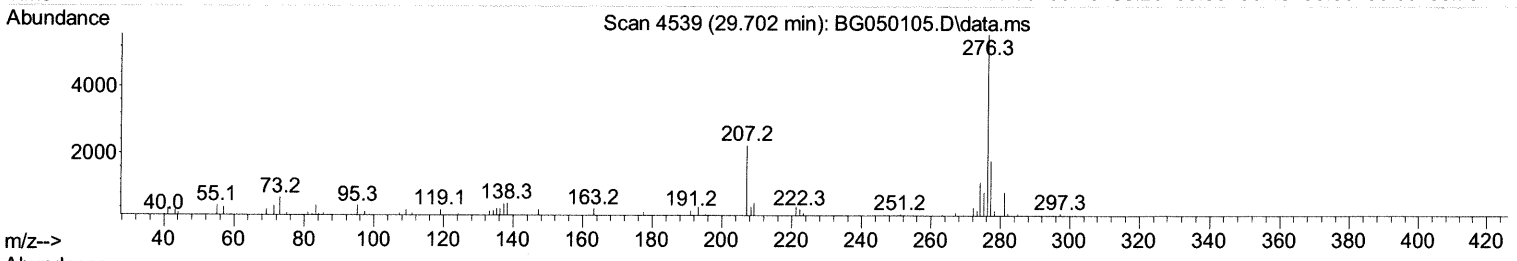

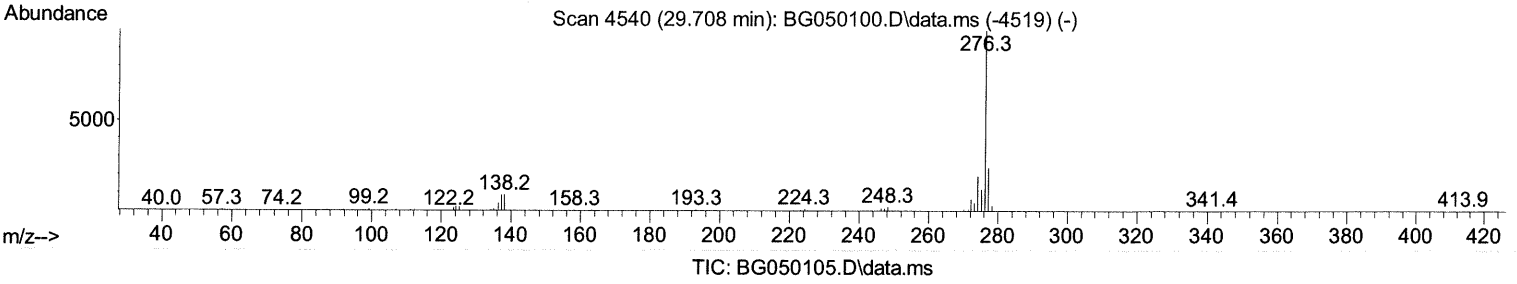

TIC: BG050105.D\data.ms

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

29.702min (-0.011) 2.57 ng/ul m

JG 9/8/21

response 27091

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	9.24
277.00	21.70	31.94#
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	7.949	152	27410	20.000	ng/ul	0.00
20) Naphthalene-d8	10.774	136	115457	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	75181	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.366	188	162626	20.000	ng/ul	-0.01
79) Chrysene-d12	21.642	240	166432	20.000	ng/ul	0.00
88) Perylene-d12	24.861	264	170791	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	1880m	3.537	ng/uL	-0.01
4) Pyridine-d5	3.743	84	17427	10.885	ng/ul	0.00
7) Phenol-d5	7.121	99	40581	17.435	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.273	67	23516	18.186	ng/ul	0.00
11) 2-Chlorophenol-d4	7.485	132	29845	17.137	ng/ul	0.00
15) 4-Methylphenol-d8	8.671	113	32054	17.487	ng/ul	-0.01
21) Nitrobenzene-d5	9.124	128	15736	17.580	ng/ul	0.00
24) 2-Nitrophenol-d4	9.852	143	17836	16.734	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	34336	18.062	ng/ul	0.00
31) 4-Chloroaniline-d4	10.915	131	39759	15.366	ng/ul	0.00
46) Dimethylphthalate-d6	14.011	166	111128	19.314	ng/ul	-0.01
49) Acenaphthylene-d8	14.305	160	130571	19.355	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.845	143	12777	15.349	ng/ul	0.00
60) Fluorene-d10	15.609	176	93517	19.170	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.750	200	18481	17.664	ng/ul	0.00
73) Anthracene-d10	17.465	188	147740	20.231	ng/ul	-0.01
81) Pyrene-d10	19.756	212	177100	19.691	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.638	264	156763	17.301	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	5737	8.853	ng/uL#	94
5) Pyridine	3.766	79	26263	15.177	ng/ul#	80
6) Benzaldehyde	7.085	77	31675	23.648	ng/ul	92
8) Phenol	7.150	94	48017	20.424	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.361	93	34595	21.316	ng/ul	93
12) 2-Chlorophenol	7.514	128	37538	21.813	ng/ul#	87
13) 2-Methylphenol	8.407	108	34876	19.228	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.478	45	37333	21.937	ng/ul#	90
16) Acetophenone	8.783	105	64765	21.665	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.760	70	32497	21.649	ng/ul	97
18) 4-Methylphenol	8.742	108	40324	20.666	ng/ul	86
19) Hexachloroethane	9.036	117	16424	21.807	ng/ul	96
22) Nitrobenzene	9.165	77	50469	20.808	ng/ul	96
23) Isophorone	9.688	82	88469	20.472	ng/ul	97
25) 2-Nitrophenol	9.882	139	21469	20.718	ng/ul	94
26) 2,4-Dimethylphenol	9.946	107	31511	13.683	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.169	93	48628	21.791	ng/ul	99
29) 2,4-Dichlorophenol	10.428	162	37437	21.456	ng/ul	95
30) Naphthalene	10.821	128	126171	21.863	ng/ul	97
32) 4-Chloroaniline	10.933	127	46126	18.510	ng/ul	89
33) Hexachlorobutadiene	11.098	225	29127	20.635	ng/ul	91
34) Caprolactam	11.697	113	13033	21.324	ng/ul	91
35) 4-Chloro-3-methylphenol	12.073	107	45720	21.925	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.437	142	95126	22.175	ng/ul	95
37) 1-Methylnaphthalene	12.654	142	92569	21.378	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.807	216	49887	22.592	ng/ul#	94
40) Hexachlorocyclopentadiene	12.783	237	3530	3.572	ng/ul#	68
41) 2,4,6-Trichlorophenol	13.054	196	31741	22.556	ng/ul	91
42) 2,4,5-Trichlorophenol	13.136	196	32141	21.793	ng/ul	94
43) 1,1'-Biphenyl	13.441	154	119531	22.757	ng/ul	99
44) 2-Chloronaphthalene	13.488	162	90681	21.494	ng/ul	96
45) 2-Nitroaniline	13.694	65	32482	22.676	ng/ul	88
47) Dimethylphthalate	14.058	163	125449	22.031	ng/ul#	98
48) 2,6-Dinitrotoluene	14.193	165	26804	22.800	ng/ul	89
50) Acenaphthylene	14.334	152	141792	22.996	ng/ul	98
51) 3-Nitroaniline	14.528	138	24975	22.016	ng/ul	93
52) Acenaphthene	14.681	153	103834	23.215	ng/ul	97
53) 2,4-Dinitrophenol	14.751	184	10116	16.848	ng/ul	86
55) 4-Nitrophenol	14.857	109	21155	20.044	ng/ul#	84
56) Dibenzofuran	15.016	168	140796	22.731	ng/ul	99
57) 2,4-Dinitrotoluene	14.992	165	39833	23.555	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.251	232	29456	24.102	ng/ul#	93
59) Diethylphthalate	15.421	149	134905	23.159	ng/ul	97
61) Fluorene	15.662	166	120310	23.022	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.650	204	62420	22.575	ng/ul	94
63) 4-Nitroaniline	15.691	138	24695	21.814	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.762	198	21568	22.743	ng/ul#	98
67) N-Nitrosodiphenylamine	15.868	169	105353	24.606	ng/ul	97
68) 4-Bromophenyl-phenylether	16.549	248	44738	24.868	ng/ul	96
69) Hexachlorobenzene	16.678	284	46651	22.457	ng/ul	96
70) Atrazine	16.819	200	48231	25.357	ng/ul	99
71) Pentachlorophenol	17.031	266	12529	14.243	ng/ul	97
72) Phenanthrene	17.413	178	234253	28.894	ng/ul	97
74) Anthracene	17.501	178	200127	24.359	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.412	216	50162	22.990	ng/uL	93
76) Pentachlorobenzene	14.939	250	53186	23.005	ng/uL	92
77) Carbazole	17.777	167	177659	24.301	ng/ul	99
78) Di-n-butylphthalate	18.323	149	232632	24.881	ng/ul	99
80) Fluoranthene	19.427	202	306639	27.629	ng/ul	99
82) Pyrene	19.792	202	274038	24.918	ng/ul	99
83) Butylbenzylphthalate	20.667	149	98128	22.610	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.536	252	65759	16.668	ng/ul	96
85) Benzo(a)anthracene	21.624	228	268031	25.846	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.513	149	142999	23.993	ng/ul	98
87) Chrysene	21.689	228	259439	26.465	ng/ul	97
89) Di-n-octyl phthalate	22.711	149	241847	23.870	ng/ul	100
90) Benzo(b)fluoranthene	23.839	252	280717	25.695	ng/ul#	96
91) Benzo(k)fluoranthene	23.904	252	263616	25.385	ng/ul	98
93) Benzo(a)pyrene	24.709	252	195452	20.600	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.550	276	279189	22.308	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.603	278	252260	24.077	ng/ul	98
96) Benzo(g,h,i)perylene	29.702	276	27091m	2.575	ng/ul	

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